



Application The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector Co UD to expand service to nearby residents.

TABLE OF CONTENTS

Legal Authority
General Information
Description
Officers/Members
Primary Contact
Applicant's Contributors
Document - Contract_0
Document - Contract_1
Document - Contract_2
A6 & A7
Funding Program(s)
Other Funding Sources

Funding & Project Type

Document - WRD213

Document - TWDB-0215

Contractors & Loan/Grant Participation Summary

Legal Information

Document - GoverningBodyResolution

Document - ApplicationAffidavit

Document - CertificateOfSecretary

Bonds, CCN, Enforcement Action

Document - ResolutionAuthorizingDebt

Municipality

Board Approved WCP

Document - WCPAdditional

Retail Water Services

Document - WaterUseSurvey

Potable Water Services

Document - WaterAudit

Provide Wastewater Services

Provide Regional or Wholesale Water Services

Top Ten Customers of Water System

Number of Customers in Past 5 Years

Debt

Taxing Authority

Document - TaxRateTable

Document - TaxAssessedValueByClass_0

Document - TaxAssessedValueByClass_1

Document - TaxAssessedValueByClass_2

Document - TaxAssessedValueByClass_3

Document - TaxAssessedValueByClass_4

Top Ten Taxpayers

Tax Rate and Sales Tax

Document - SystemRevenuesC17

Document - ComparativeSystemOperatingStatement

Document - AnnualAudit

Document - AnnualAuditContinued2

Document - AnnualAuditContinued3

Document - AnnualAuditContinued4

Document - AnnualAuditContinued5

Document - ManagementLetter

Outstanding Debt

Applicant's Ten Largest Employers

Bond Ratings

Receive Water or Sewer

Document - ServiceRelationship

Project Description

Document - ProjectDrawSchedule

Water Made Available

Project Location

Document - ProjectServiceArea

Project Schedule

Document - ProjectedWaterUse

Cost Estimates

Document - TWDB-1201

Document - WRD-253d

Property Rights

Permits & Easements

Document - ED-101

Document - SRF-404

Document - EPA-424D

Green Project

Environmental Determination

Document - EnvDetermination

Document - EnvDetermination

Document - EnvDetermination

CE/DNE

Adverse Environmental/Social Impacts

Associated PIF(s)

Associated PIF PDF

Document - PIF #928562

Legal Authority

The legal authority under which the applicant was created and operates.: ALL_DISTRICTS

General Information

County: Ector

Name of Entity: Ector County UD

System Contact Physical Address

Address 1: 1039 N Moss Ave

Address 2:

City: Odessa

State: TX

Zip: 79763-7327

Phone: (432) 381-5525

Fax: (432) 381-0850

Website: www.ecudwestodessatx.org

System Contact Mailing Address

Address 1: 1039 N Moss Ave

Address 2:

City: Odessa

State: TX

Zip: 79763-7327

Description

Brief description of the project: The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector Co UD to expand service to nearby residents.

Officers/Members

Applicant's Officers and Members

Tommy Ervin

Board President

Margaret Burton
Board Director

Terry Swann
Board Director

Paul Wilkerson
Board Director

Cruz Castillo Sr
Board Director

Primary Contact

Name: Tommy Ervin
Title: Board President
Address 1: 1039 N Moss Ave
Address 2:
City: Odessa
State: TX
Zip: 79763-7327
Phone: (432) 381-5525
Fax: (432) 381-0850
Email: ecud6570@yahoo.com

Applicant's Contributors

Contributor Type	Firm Name	Contact Name	Address	Phone	Fax	Email
Applicant Engineer	Kimley-Horn and Associates, Inc.	Jeff James	801 Cherry St. Unit 11 Fort Worth TX	817-339-2259		jeff.james@kimley-horn.com
Bond Counsel	McCall, Parkhurst & Horton, LLP	Chris Settle	717 North Harwood, Suite 900 Dallas TX	214-754-9237	214-754-9250	csettle@mphlegal.com
Financial Advisor	Hilltop Securities, Inc.	Nick Bulaich	777 Main St, Suite 1200 Fort Worth TX	817-332-9710		nick.bulaich@hilltopsecurities.com

Certified Public Accountant (or other appropriate rep						
Legal Counsel						
Any other Contributor representing the Applicant before the board						

Contributor Contracts (documents follow this page)

952015

Bond Counsel

952016

952014

Engineering

December 17, 2018

Ector County Utility District
P.O. Box 69807
Odessa, Texas 79769

Re: Request for Financial Assistance from the Texas Water Development Board for the purpose of financing properties, facilities, plants, improvements, equipment and interests in land relating to the District's water system

Ladies and Gentlemen:

This letter is submitted to state our fees and describe the legal services of the undersigned law firm to be performed for the Ector County Utility District (the "District") with reference to the District's request for financial assistance from the Texas Water Development Board ("TWDB"), which financial assistance may include the sale of debt obligations (the "Obligations") to the TWDB and/or the receipt of grant or principal forgiveness funding ("Loan Forgiveness") by the District from TWDB. We understand that the District is requesting such financial assistance from the TWDB for the purpose of financing properties, facilities, plants, improvements, equipment and interests in land relating to the District's water system (the "Project").

A. SCOPE OF ENGAGEMENT

(1) In this engagement, if the Project financing involves the issuance of Obligations, we expect to perform the following duties as Bond Counsel with respect to the Obligations:

(a) Prepare all resolutions, ordinances and other instruments pursuant to which the Obligations will be authorized, issued, delivered and secured, in cooperation and upon consultation with the District's Board of Directors (the "Board") its financial advisor and other consultants of the District.

(b) Attend meetings of the Board with reference to the authorization and issuance of the Obligations to the extent required or requested.

(c) Cooperate with the Board and all other interested parties in the sale of the Obligations to the TWDB.

(d) Supervise the execution of the Obligations, their approval by the Attorney General of Texas and registration by the Comptroller of Public Accounts of Texas, and the delivery thereof to the purchaser, the TWDB.



(e) When so delivered, give our objective approving opinion (our "Legal Opinion") covering the validity of the Obligations and, if applicable, the exemption of interest thereon from federal income taxes, it being understood that the approving opinion will be fully acceptable nationally in regular commercial investment banking bond marketing channels.

Our Legal Opinion will be delivered by us on the date the Obligations are exchanged for their purchase price (the "Closing"). The District will be entitled to rely on our Legal Opinion.

The Legal Opinion will be based on facts and law existing as of its date. In rendering our Legal Opinion, we will rely upon the certified proceedings and other certifications of public officials and other persons furnished to us without undertaking to verify the same by independent investigation, and we will assume continuing compliance by the District with applicable laws relating to the Obligations. During the course of this engagement, we will rely on you to provide us with complete and timely information on all developments pertaining to any aspect of the Obligations and their security. We understand that you will direct members of your staff and other employees of the District to cooperate with us in this regard.

(2) In this engagement, if the Project financing involves the receipt of Loan Forgiveness by the District from the TWDB, we expect to perform the following duties:

(a) Prepare all resolutions, ordinances and other instruments pursuant to which Loan Forgiveness will be authorized, executed and delivered, in cooperation and upon consultation with the Board, its financial advisor and other consultants of the District.

(b) Review the grant or loan forgiveness agreement and provide comments as necessary or appropriate.

(c) Prepare an escrow agreement and other documentation regarding the escrow of Loan Forgiveness funds and assist the District in engaging a qualified escrow agent.

(d) Coordinate the execution and delivery of various Loan Forgiveness documents and the delivery thereof to the TWDB.

(3) Our duties in this engagement are limited to those expressly set forth above. Unless we are separately engaged in writing to perform other services, our duties do not include any other services, including the following:

(a) Preparing requests for tax rulings from the Internal Revenue Service, or no action letters from the Securities and Exchange Commission.



- (b) Drafting state constitutional or legislative amendments.
- (c) Pursuing test cases or other litigation.
- (d) Making an investigation or expressing any view as to the creditworthiness of the District or the Obligations.
- (e) Representing the District in Internal Revenue Service examinations or inquiries, or Securities and Exchange Commission investigations.
- (f) Except as described in subsection (1)(a) above, assisting in the preparation of, or opining on, a continuing disclosure undertaking pertaining to the Obligations or, after Closing, providing advice concerning any actions necessary to assure compliance with any continuing disclosure undertaking.
- (g) After Closing, providing continuing advice to the District or any other party concerning any actions necessary to assure that interest paid on the Obligations will continue to be excludable from gross income for federal income tax purposes (e.g., our engagement does not include rebate calculations for the Obligations).
- (h) Addressing any other matter not specifically set forth above that is not required to render our Legal Opinion.
- (i) Issuing any legal opinion or assurance letter with respect to Loan Forgiveness funding.

B. ATTORNEY-CLIENT RELATIONSHIP

Upon execution of this engagement letter, the District will be our client and an attorney-client relationship will exist between us. We further assume that all other parties in this transaction understand that we represent only the District in this transaction, we are not counsel to any other party, and we are not acting as an intermediary among the parties. Our services as Bond Counsel are limited to those contracted for in this letter; the District's execution of this engagement letter will constitute an acknowledgment of those limitations. Our representation of the District will not affect, however, our responsibility to render an objective Legal Opinion.

Our representation of the District and the attorney-client relationship created by this engagement letter will be concluded upon issuance of the Obligations. Nevertheless, subsequent to Closing, we will mail the appropriate Internal Revenue Service Form 8038, prepare and distribute to the participants in the transaction a transcript of the proceedings pertaining to the Obligations.



C. CONFLICTS

As you are aware, our firm represents many political subdivisions and investment banking firms, among others, who do business with political subdivisions. Our firm also represents the TWDB in the capacity as Bond Counsel. It is possible that during the time that we are representing the District, one or more of our present or future clients will have transactions with the District. It is also possible that we may be asked to represent, in an unrelated matter, one or more of the entities involved in the issuance of the Obligations. We do not believe such representation, if it occurs, will adversely affect our ability to represent you as provided in this letter, either because such matters will be sufficiently different from the issuance of the Obligations and/or Loan Forgiveness so as to make such representations not adverse to our representation of you, or because the potential for such adversity is remote or minor and outweighed by the consideration that it is unlikely that advice given to the other client will be relevant to any aspect of the issuance of the Obligations and/or Loan Forgiveness. Execution of this letter will signify the District's consent to our representation of others consistent with the circumstances described in this paragraph.

D. FIRM NOT A MUNICIPAL ADVISOR

As a consequence of the adoption of Rule 15Ba1-1 pursuant to the Securities Exchange Act of 1934 (the "Municipal Advisor Rule"), which has been promulgated by the Securities and Exchange Commission as a result of the enactment of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the "Dodd-Frank Act"), we hereby inform the District that we are not a "Municipal Advisor" within the meaning of the Municipal Advisor Rule or the Dodd-Frank Act (collectively, the "MA Rule"). In the course of performing our services as Bond Counsel in this transaction, we may engage in analysis, discussion, negotiation, and advice to the District regarding the legal ramifications of the structure, timing, terms, and other provisions of the financial transaction that culminates with the planned issuance of the Obligations, and such services and advice may be essential to the development of the plan of finance for the issuance of the Obligations. In turn, these services become, among other things, the basis for the transaction's basic legal documents, the preparation and delivery of the official statement or any other disclosure document that describes the material terms and provisions of the transaction, if an offering document is used in the offering of the Obligations, the preparation of the various closing certificates that embody the terms and provisions of this transaction and the preparation and delivery of our Legal Opinion. Moreover, legal advice and services of a traditional legal nature in the area of municipal finance inherently involve a financial advice component; but we hereby advise the District that while we have expertise with respect to the legal aspects relating to the issuance of municipal securities, we are not "financial advisors" or "financial experts" in a manner that would subject us to the provisions of the MA Rule. As Bond Counsel, we provide only legal advice, not purely financial advice that is not inherent in our legal advice to the District. The District should seek the advice of its financial advisor with respect to the financial aspects of the issuance of the Obligations. By signing this engagement letter, the District acknowledges receipt of



this information, and evidences its understanding of the limitations of our role to the District as Bond Counsel with respect to the MA Rule, as discussed in this paragraph.

E. FEES

Based upon: (i) our current understanding of the terms, structure, size and schedule of the financing represented by the Obligations; (ii) the duties we will undertake pursuant to this engagement letter with respect to the Obligations; (iii) the time we anticipate devoting to the financing represented by the Obligations; and (iv) the responsibilities we will assume in connection therewith, our fee for serving in the capacity of bond counsel with respect to the Obligations will be \$12,500 for the first \$1,000,000 in principal amount of each series of Obligations issued, plus \$5 per \$1,000 for the next \$4,000,000 in principal amount of each series of Obligations issued, plus \$2 per \$1,000 for principal amounts of each series of Obligations issued in excess of \$5,000,000; provided, however, that our minimum fee for each series of Obligations will be \$18,000. In addition to the foregoing, we will be reimbursed for our out-of-pocket expenses reasonably and necessarily incurred in connection with the issuance of the Obligations (e.g., electronic research, photocopying, shipping, telecommunication, travel, and other similar expenses), and said fee and expenses will be payable at the time of the delivery of and payment for the Obligations. Fees for litigation and any other special services not normally included in the legal services performed by bond counsel will be negotiated between the District and the undersigned. Our fee will be billed after the Closing. If the financing represented by the Obligations is not consummated, we understand and agree that we will not be paid for our fees or expenses with respect thereto, except that we will be reimbursed for the statutory filing fee paid to the Office of the Attorney General with respect to Obligations if our firm has advanced such fee on behalf of the District.

F. RECORDS

At your request, papers and property furnished by you will be returned promptly upon receipt of payment for outstanding fees and client charges. Our own files, including lawyer work product, pertaining to the transaction will be retained by us. For various reasons, including the minimization of unnecessary storage expenses, we reserve the right to dispose of any documents or other materials retained by us after the termination of this engagement.

M

If the foregoing terms are acceptable to you, please so indicate by returning the enclosed copy of this engagement letter dated and signed by an authorized officer, retaining the original for your files. We look forward to working with you.

Respectfully yours,

McCall, Parkhurst & Horton L.L.P.



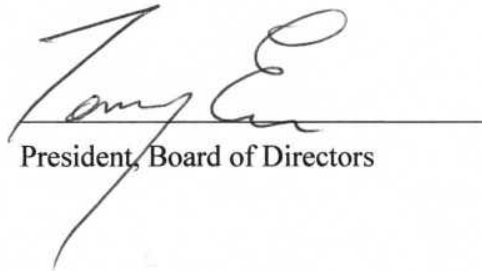
By:

Chris Settle

Ector County Utility District

By:

Title: President, Board of Directors



MUNICIPAL ADVISORY AGREEMENT

This Municipal Advisory Agreement (the “Agreement”) is made and entered into by and between **Ector County Utility District** (the “Issuer”) and Hilltop Securities Inc. (“HilltopSecurities”), and is dated, and shall be effective as of, the date executed by the Issuer as set forth on the signature page hereof (the “Effective Date”).

WITNESSETH:

WHEREAS, the Issuer will have under consideration from time to time the authorization and issuance of municipal securities, including but not limited to the issuance and sale of evidences of indebtedness or debt obligations that may currently or in the future be authorized and issued or otherwise created or assumed by the Issuer, in amounts and forms which cannot presently be determined; and

WHEREAS, in connection with the authorization, sale, issuance and delivery of such municipal securities, as well as in connection with any matters relating to municipal financial products of the Issuer, the Issuer desires to retain a municipal advisor; and

WHEREAS, the Issuer desires to obtain the professional services of HilltopSecurities as a municipal advisor to advise the Issuer regarding the issuance of municipal securities and any municipal financial products, all as more fully described herein, during the period in which this Agreement shall be effective; and

WHEREAS, HilltopSecurities is willing to provide its professional services and its facilities as a municipal advisor in connection with the Issuer’s issuances of municipal securities and any municipal financial products, all as more fully described herein, during the period in which this Agreement shall be effective.

NOW, THEREFORE, the Issuer and HilltopSecurities, in consideration of the mutual covenants and agreements herein contained and other good and valuable consideration, do hereby agree as follows:

SECTION I SCOPE OF SERVICES

A. Scope of Services and Discharge of Responsibilities.

1. *Scope of Services.*

(a) HilltopSecurities is engaged by the Issuer as its municipal advisor to provide the services set forth in **Appendix A** hereto (the “Municipal Advisory Services”). The Municipal Advisory Services, together with any services to be provided by HilltopSecurities as the Issuer’s independent registered municipal advisor (“IRMA”) pursuant to subparagraph B.1 of this Section I, are hereinafter collectively referred to as the “Scope of Services” hereunder. The Scope of Services to be provided by HilltopSecurities may be changed only as provided in paragraph D of this Section I.

(b) If the Issuer engages HilltopSecurities or any of its affiliates, in a capacity other than as municipal advisor, to provide additional services that are not municipal advisory activities (“Non-Municipal Advisor Services”), such engagement for Non-Municipal Advisor Services shall be evidenced by a separate agreement between the Issuer and such party. The parties hereto acknowledge that such Non-Municipal Advisor Services shall not be governed by this Agreement and are intended to consist of activities not requiring registration as a municipal advisor under the Securities Exchange Act.

(c) The Issuer shall provide written notice to HilltopSecurities of any other municipal advisor engaged by the Issuer, whether in regard to all or any portion of the Municipal Advisory Services or for

any other aspects of the issuance of municipal securities or municipal financial products outside the scope of the Municipal Advisory Services, as described in clause (c) of subparagraph B.1 of this Section I.

2. ***Inquiries and Information in Connection with HilltopSecurities' Duties.*** If and to the extent provided in the Scope of Services, HilltopSecurities is called upon to make recommendations to the Issuer or to review recommendations made by others to the Issuer, and in connection therewith to determine whether such recommendations are suitable for the Issuer, in order to fulfill its duties with respect to such recommendations and any associated suitability determinations, HilltopSecurities is required under applicable regulations to make reasonable inquiries of the Issuer as to the relevant facts. Such facts include, at a minimum, information regarding the Issuer's financial situation and needs, objectives, tax status, risk tolerance, liquidity needs, experience with municipal securities transactions or municipal financial products generally or of the type and complexity being recommended, financial capacity to withstand changes in market conditions during the term of the municipal financial product or the period that municipal securities to be issued in the municipal securities transaction are reasonably expected to be outstanding, and any other material information known by HilltopSecurities about the Issuer and the municipal securities transaction or municipal financial product. In addition, HilltopSecurities is required under applicable regulations to use reasonable diligence to know the essential facts about the Issuer and the authority of each person acting on behalf of the Issuer so as to effectively service HilltopSecurities' municipal advisory relationship with the Issuer, to act in accordance with any special directions from the Issuer, to understand the authority of each person acting on behalf of the Issuer, and to comply with applicable laws, regulations and rules.

Accordingly, the Issuer hereby agrees to provide accurate and complete information reasonably designed to permit HilltopSecurities to fulfill its responsibilities in connection with any such recommendations and suitability determinations and to provide to HilltopSecurities reasonable access to relevant documents and personnel in connection with its required investigation to determine that any recommendations are not based on materially inaccurate or incomplete information. The Issuer acknowledges that HilltopSecurities may not be able to make requested recommendations or suitability determinations if it is not provided access to such information and that the Issuer shall be estopped from claiming a violation of HilltopSecurities' fiduciary duty to the Issuer in connection with a recommendation or suitability determination made by HilltopSecurities based on materially inaccurate or incomplete information provided by the Issuer.

3. ***Actions Independent of or Contrary to Advice.*** The parties hereto acknowledge that the Issuer shall not be required to act in accordance with any advice or recommendation provided by HilltopSecurities to the Issuer. Upon providing such advice or recommendation to the Issuer, together with the basis for such advice or recommendation, HilltopSecurities shall have discharged its duties with regard to such advice or recommendation and shall not be liable for any financial or other damages resulting from the Issuer's election not to act in accordance with such advice or recommendation. Furthermore, the Issuer shall be estopped from claiming a violation of HilltopSecurities' fiduciary duty to the Issuer as a result of its election not to act in accordance with any advice or recommendation by HilltopSecurities, including but not limited to any claim that HilltopSecurities should have taken steps, in addition to providing its advice or recommendation together with the basis therefor, to cause the Issuer to follow its advice or recommendation.

4. ***Preparation of Official Statement in Connection with Issuance of Municipal Securities.*** If and to the extent provided in the Scope of Services, HilltopSecurities is called upon to assist the Issuer in the preparation of its official statement in connection with the issuance of municipal securities, the Issuer hereby agrees to provide accurate and complete information to HilltopSecurities reasonably designed to permit HilltopSecurities to fulfill its responsibility to have a reasonable basis for any information

HilltopSecurities provides about the Issuer, its financial condition, its operational status and its municipal securities in connection with the preparation of the official statement. While HilltopSecurities may participate in the due diligence process in connection with the preparation of the official statement, if such participation is within the Scope of Services, HilltopSecurities shall not be obligated to undertake any inquiry or investigation in connection with such due diligence beyond any inquiries or investigations otherwise required by this Agreement. Furthermore, HilltopSecurities shall not be responsible for certifying the accuracy or completeness of the official statement, other than with respect to information about HilltopSecurities provided for inclusion in the official statement, if applicable. The Issuer agrees that HilltopSecurities may rely on any information provided to it by the Issuer for purposes of this paragraph.

5. ***Representations and Certifications.*** If and to the extent provided in the Scope of Services, HilltopSecurities is called upon to make representations and certifications with regard to certain aspects of matters pertaining to the Issuer, its municipal securities or municipal financial products arising as part of the Municipal Advisory Services to be provided pursuant to this Agreement, the Issuer hereby agrees to provide accurate and complete information to HilltopSecurities as may be reasonably necessary or otherwise helpful to HilltopSecurities in fulfilling its responsibility to have a reasonable basis for any representations, other than representations by HilltopSecurities regarding itself, made in a certificate signed by HilltopSecurities that may be relied upon by the Issuer, any other party involved in any matter arising as part of the Municipal Advisory Services, or investors in the Issuer's municipal securities. The Issuer agrees that HilltopSecurities may rely on any information provided to it by the Issuer for purposes of this paragraph.

B. Services as Independent Registered Municipal Advisor.

1. ***Designation as IRMA and Scope of Designation.***

(a) Subject to clause (b) of this subparagraph B.1, if the Issuer elects to designate HilltopSecurities, and HilltopSecurities agrees to represent the Issuer, as the Issuer's IRMA for purposes of Securities Exchange Commission ("SEC") Rule 15Ba1-1(d)(3)(vi) (the "IRMA exemption") with respect to the Municipal Advisory Services, HilltopSecurities will treat such role as IRMA as within the scope of Municipal Advisory Services. Any reference to HilltopSecurities, its personnel and its role as IRMA in the written representation of the Issuer contemplated under SEC Rule 15Ba1-1(d)(3)(vi)(B) shall be subject to prior approval by HilltopSecurities.

If there are any other aspects of the issuance of municipal securities or municipal financial products outside the scope of the Municipal Advisory Services with respect to which the Issuer seeks to have HilltopSecurities serve as its IRMA, such aspects, which are separate and distinct from Municipal Advisory Services for purposes of this Agreement, shall be included in Appendix A hereto and may be changed only as provided in paragraph D of this Section I. HilltopSecurities' duties as IRMA shall be strictly limited to the provision of advice to the Issuer with regard to third-party recommendations on any aspects of the issuance of municipal securities or municipal financial products outside the scope of the Municipal Advisory Services, subject to subparagraph B.3 of this Section I, and the provision of advice by HilltopSecurities to the Issuer with respect to such matters shall not result in a change in scope of the Municipal Advisory Services. By way of example, if HilltopSecurities serves as municipal advisor for an issuance of municipal securities within the scope of Municipal Advisory Services, but is asked to review a recommendation made by a third party with respect to a different issuance of municipal securities not within the scope of Municipal Advisory Services, any advice with respect to such review would not, by itself, cause such other issuance to come within the scope of Municipal Advisory Services, and HilltopSecurities

would not be obligated to undertake any of the services set forth in Appendix A with regard to such issuance unless the scope of Municipal Advisory Services hereunder is amended to include such issuance.

(b) If the Issuer elects not to designate HilltopSecurities to serve as an IRMA for purposes of the IRMA exemption with respect to the Municipal Advisory Services, or if the Issuer elects to designate HilltopSecurities to serve as IRMA for less than the full range of Municipal Advisory Services, such election shall be set forth in Appendix A.

(c) The Issuer shall provide written notice to HilltopSecurities of any other municipal advisor engaged by the Issuer, whether such other municipal advisor has been designated as an IRMA, and such notice shall include the scope of services of such municipal advisor. If the Issuer has engaged, or has caused HilltopSecurities to engage through subcontract, any other party to serve as municipal advisor to the Issuer with regard to all or any portion of the Municipal Advisory Services ("Joint Municipal Advisory Services"), whether engaged jointly with or separately from HilltopSecurities (a "Co-Municipal Advisor"), the Issuer agrees that such Co-Municipal Advisor shall not be entitled to treat HilltopSecurities as an IRMA with respect to the Joint Municipal Advisory Services. Notwithstanding the preceding sentence, the Issuer may seek to have HilltopSecurities provide advice on any recommendation made by a Co-Municipal Advisor with regard to matters within the scope of Joint Municipal Advisory Services on the same terms as set forth in subparagraph B.3 of this Section I, provided that any such advice provided by HilltopSecurities shall not serve to eliminate or reduce such Co-Municipal Advisor's fiduciary or other duties as municipal advisor to the Issuer.

2. ***HilltopSecurities Not Responsible for Independence from Third Parties.*** Notwithstanding HilltopSecurities' status as an IRMA, HilltopSecurities shall not be responsible for ensuring that it is independent, within the meaning of the IRMA exemption as interpreted by the SEC, from another party wishing to rely on the exemption from the definition of municipal advisor afforded under the IRMA exemption or for otherwise ensuring that any such party not be treated as a municipal advisor for purposes of Section 15B of the Securities Exchange Act or any SEC or Municipal Securities Rulemaking Board ("MSRB") rule thereunder. The Issuer expressly acknowledges that it is the responsibility of such other party to make its own determination of independence and that such other party shall not be entitled to cause HilltopSecurities to make any personnel changes to allow such party to qualify for the IRMA exemption.

3. ***Recommendations Provided by Third Parties Relying on IRMA Exemption.*** The Issuer agrees that, to the extent the Issuer seeks to have HilltopSecurities provide advice with regard to any recommendation made by a third party relying on the IRMA exemption, the Issuer shall provide to HilltopSecurities written direction to provide advice with regard to such third party recommendation as well as any information it has received from such third party. In connection therewith, HilltopSecurities shall be authorized to communicate with such third party as necessary or appropriate in order for HilltopSecurities to have the information it needs to provide informed advice to the Issuer with regard to such recommendation. HilltopSecurities shall provide to the Issuer recommendations it receives directly from any third party but shall not be required to provide advice to the Issuer with regard to any such recommendation unless the Issuer has provided to HilltopSecurities the written direction as described above in this subparagraph B.3.

Except as may be otherwise expressly provided in writing by HilltopSecurities, no recommendation by a third-party (including but not limited to a Co-Municipal Advisor) shall be deemed to be a recommendation by HilltopSecurities, and the failure by HilltopSecurities to specifically address any aspect of a third-party recommendation shall not be viewed as HilltopSecurities having implicitly accepted or

approved such aspect of the recommendation or otherwise having adopted the recommendation or any aspect thereof as its own recommendation. Furthermore, the Issuer agrees that, to the extent the Issuer does not seek to have HilltopSecurities provide advice with regard to any recommendation made by a third party relying on the IRMA exemption, HilltopSecurities shall not be required to provide any advice with regard to such recommendation notwithstanding any information it may have received from such third party. HilltopSecurities may rely on the absence of the Issuer's written direction to provide advice with regard to a third party recommendation as indicative that the Issuer does not seek to have HilltopSecurities provide such advice.

C. Limitations on Scope of Engagement.

1. ***Express Limitations.*** The Scope of Services with respect to HilltopSecurities' engagement as municipal advisor shall be solely as provided in paragraphs A and B of this Section I and Appendix A of this Agreement, subject to the express limitations set forth in this paragraph C. The failure of the parties hereto to set out any particular service or responsibility, or any particular type or aspect of the issuance of municipal securities or municipal financial products, within the express limitations in this paragraph C shall not, by its omission, cause such service, responsibility or product to be within the scope of this engagement if not contemplated by the mutual agreement of the parties hereto or if not reasonably viewed as encompassed by the description of the Municipal Advisory Services set forth in this Agreement.

2. ***Limitation as to Matters Within Then-Current Scope of Engagement.*** It is expressly understood that HilltopSecurities serves as municipal advisor to the Issuer only with respect to the matters, and with respect to specific aspects of matters, within the then-current Scope of Services. The Issuer acknowledges that HilltopSecurities is not a municipal advisor to the Issuer with respect to matters expressly excluded from such Scope of Services as set forth in this paragraph C or matters otherwise not within the Scope of Services as set forth in paragraphs A and B of this Section I and Appendix A hereto. Without limiting the generality of the preceding sentence, the parties hereto agree that HilltopSecurities' service as municipal advisor for one issuance of municipal securities would not result in HilltopSecurities being a municipal advisor to the Issuer for any other issuances of municipal securities if such other issuances are not within the Scope of Services. It is expressly understood that HilltopSecurities shall be municipal advisor with respect to a particular issuance of municipal securities or a particular municipal financial product beginning on the earlier of (a) the date on which HilltopSecurities is assigned to serve or is otherwise put on notice by the Issuer that it will serve as municipal advisor for such particular matter or (b) the date on which HilltopSecurities first provides advice to the Issuer with respect to such particular matter, and it is further understood that HilltopSecurities shall not be deemed to be a municipal advisor to the Issuer with respect to any such particular matter prior to such date merely due to the fact that the matter falls within the general description of the Scope of Services.

3. ***Transactions and Services Outside Scope of Engagement.*** To the extent that the Issuer engages in any transaction with HilltopSecurities, or any affiliate of HilltopSecurities, as principal relating to municipal securities (including but not limited to as underwriter for the issuance of municipal securities) or municipal financial products that are not within the Scope of Services and with respect to which HilltopSecurities does not in fact provide advice other than as permitted within the exceptions and exclusions of SEC Rule 15Ba1-1, the Issuer agrees that it would not view HilltopSecurities as serving as its municipal advisor with respect to such transaction or any related issuance of municipal securities or municipal financial product. In addition, as noted in clause (b) of subparagraph A.1 of this Section I, the Issuer understands that Non-Municipal Advisor Services are outside the scope of this engagement.

4. ***Issuer Consent to Limitation in Scope.*** The Issuer expressly consents to the limitations in scope of the engagement as described in this paragraph C.

D. Change in Scope of Services. The scope of services to be provided by HilltopSecurities, whether within or outside of the scope of the Municipal Advisory Services, may be changed only by written amendment to Appendix A, and the parties hereto agree to amend such appendix promptly to reflect any material changes or additions to the scope of such services, as applicable. Furthermore, the parties hereto agree to amend paragraph C of this Section I to reflect any material changes or additions to the limitations on the overall Scope of Services.

The parties hereto agree that if, on an infrequent or inadvertent basis, HilltopSecurities takes any actions for or on behalf of the Issuer that constitute municipal advisory activities within the meaning of MSRB Rule G-42(f)(iv) but which are not within the Scope of Services under this Agreement, such actions shall not, by themselves, serve to change the Scope of Services under this Agreement without a written amendment as provided in this paragraph. Furthermore, to the extent that any such activities not within the Scope of Services under this Agreement consists of inadvertent advice provided with respect to the issuance of municipal securities or municipal financial products that are not within the Scope of Services under this Agreement, HilltopSecurities may take such action, if any, as it deems appropriate pursuant to Supplementary Material .07 of MSRB Rule G-42 with respect to such inadvertent advice, to maintain the Scope of Services under this Agreement consistent with the intent of the parties hereto.

Amendments to Appendix A may be effected by replacement of the prior version of the appendix with a new version or by the addition of an addendum to such appendix, provided that any such amended appendix shall be dated as of its effective date and shall cause Appendix A, taken together with the provisions of this Section I, to clearly set forth the then-current scope of HilltopSecurities' engagement hereunder and any limitations to such scope.

E. Non-Municipal Advisory Activities Related to Scope of Services. The Scope of Services under this Agreement is intended to encompass activities subject to the provisions of Securities Exchange Act Section 15B and the rules of the SEC and MSRB thereunder relating to municipal advisory activities. However, the Issuer and HilltopSecurities acknowledge that in some cases the range of activities necessary or appropriate to provide the intended services hereunder in a fair, effective and efficient manner for the benefit of the Issuer may involve a combination of actions that consist of municipal advisory activities and actions that may not qualify as municipal advisory activities. Unless otherwise prohibited by Securities Exchange Act Section 15B or any rule of the SEC or MSRB thereunder, the fact that HilltopSecurities serves as municipal advisor to the Issuer in connection with a particular matter shall not prohibit HilltopSecurities from undertaking such necessary or appropriate non-municipal advisory activities in connection therewith, and the fact that HilltopSecurities undertakes such non-municipal advisory activities within the Scope of Services under this Agreement would not, by itself, cause such activities to become municipal advisory activities for purposes Securities Exchange Act Section 15B or any rule of the SEC or MSRB thereunder.

SECTION II TERM AND TERMINATION

A. Term of this Engagement. The term of this Agreement begins on the Effective Date and ends, unless terminated pursuant to paragraph B of this Section II, on the last day of the month in which the fifth anniversary date of the Effective Date shall occur (the "Original Termination Date"). Unless HilltopSecurities or the Issuer shall notify the other party in writing at least thirty (30) days in advance of

the Original Termination Date that this Agreement will not be renewed, this Agreement will be automatically renewed on the Original Termination Date for an additional one (1) year period and thereafter will be automatically renewed on each anniversary date of the Original Termination Date for successive one (1) year periods unless HilltopSecurities or the Issuer shall notify the other party in writing at least thirty (30) days in advance of such successive anniversary date.

B. Termination of this Engagement. This Agreement may be terminated with or without cause by the Issuer or HilltopSecurities upon the giving of at least thirty (30) days' prior written notice to the other party of its intention to terminate, specifying in such notice the effective date of such termination. In the event of such termination, it is understood and agreed that only the amounts due HilltopSecurities for services provided and expenses incurred to the date of termination will be due and payable. No penalty will be assessed for termination of this Agreement.

SECTION III COMPENSATION, EXPENSES, LIABILITY AND OTHER FINANCIAL MATTERS

A. Compensation. The fees due to HilltopSecurities for the Municipal Advisory Services and any other services set forth in Appendix A hereto shall be as provided in Appendix B hereto. The Issuer has agreed to the compensation arrangements set forth in Appendix B and believes that they are reasonable and not excessive. If at any time the Issuer becomes concerned that, notwithstanding its initial belief that the compensation arrangements set forth in this Agreement are reasonable, the actual amount of compensation to be paid in accordance with such arrangements for any particular matter during the course of this engagement may potentially become excessive, the Issuer shall immediately notify HilltopSecurities in writing of its concern in that regard.

B. Expenses. HilltopSecurities shall be entitled to reimbursement of expenses incurred in connection with any services provided hereunder as set forth in Appendix B.

C. Third-Party Payments. The Issuer agrees that any request it makes to HilltopSecurities to make payments to any third party on its behalf (other than with any underwriter), whether pursuant to a fee-splitting arrangement or otherwise, shall be in writing and shall set forth the name of the recipient, the amount of payment, and a brief statement of the purpose of such payment. The Issuer agrees that the counter signature by HilltopSecurities of any such written request shall be satisfactory disclosure of such third-party payment or fee-splitting arrangement for purposes of MSRB Rule G-42(e)(i)(D) and shall, in the case of any such arrangements made after the Effective Date, serve as satisfactory written disclosure of any conflict of interest arising from such third-party payment or fee-splitting arrangement for purposes of MSRB Rule G-42(b)(i)(D) and (c)(ii).

D. No Custody of Issuer Funds. This engagement does not contemplate that HilltopSecurities receive deposit of or maintain custody of the Issuer's funds unless otherwise provided in Appendix A hereto.

E. Limitation on Liability. In the absence of willful misconduct, bad faith, gross negligence or reckless disregard of obligations or duties hereunder on the part of HilltopSecurities or any of its associated persons, HilltopSecurities and its associated persons shall have no liability to the Issuer for any act or omission in the course of, or connected with, rendering services hereunder or for any error of judgment, mistake of law, or any loss arising out of any issuance of municipal securities, any municipal financial product or any other investment.

SECTION IV REQUIRED DISCLOSURES

A. Disclosure of Conflicts of Interest and Information Regarding Legal or Disciplinary Events. The Issuer hereby acknowledges receipt of, and has read and understands the content of, the Municipal Advisor Disclosure Statement, attached hereto as **Appendix C**, current as of the date of this Agreement, setting forth disclosures by HilltopSecurities of material conflicts of interest (the "Conflict Disclosures"), if any, and of any legal or disciplinary events required to be disclosed pursuant to MSRB Rule G-42(b) and (c)(ii). The Conflict Disclosures also describe how HilltopSecurities addresses or intends to manage or mitigate any disclosed conflicts of interest, as well as the specific type of information regarding, and the date of the last material change, if any, to the legal and disciplinary events required to be disclosed on Forms MA and MA-I filed by HilltopSecurities with the SEC.

B. Waiver of Disclosed Conflicts of Interest. By executing this Agreement, the Issuer hereby waives any conflicts of interest disclosed by HilltopSecurities in the Conflict Disclosures as of the date of this Agreement.

C. Consent to Electronic Delivery of Disclosures. By executing this Agreement, the Issuer consents, for the full term of this Agreement, to the electronic delivery of the Conflict Disclosures at no cost to the Issuer, in lieu of delivery of hard copy. The Conflict Disclosures may be delivered by email to the Issuer at **ecud6570@yahoo.com**, or at such other email address as the Issuer may hereafter provide in writing to HilltopSecurities.

SECTION V MISCELLANEOUS


A. Choice of Law. This Agreement shall be construed and given effect in accordance with the laws of the State of Texas.


B. Binding Effect; Assignment. This Agreement shall be binding upon and inure to the benefit of the Issuer and HilltopSecurities, their respective successors and assigns; provided however, neither party hereto may assign or transfer any of its rights or obligations hereunder without the prior written consent of the other party.

C. Entire Agreement. This instrument, including all appendices hereto, contains the entire agreement between the parties relating to the rights herein granted and obligations herein assumed. Any oral or written representations or modifications concerning this Agreement shall be of no force or effect except for a subsequent modification in writing signed by all parties hereto, subject to the provisions of paragraph D of Section I hereof.

Signature page follows

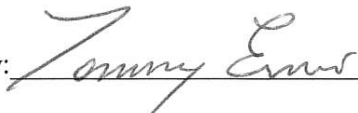
HILLTOP SECURITIES INC.

By: 
David K. Medanich
Vice Chairman

By: 
Nick Bulaich

Title: Managing Director

Ector County Utility District

By: 

Name Tommy Ervin

Title: President

Date: 12-17-2018

APPENDIX A MUNICIPAL ADVISORY SERVICES

This Appendix A sets out the scope of the Municipal Advisory Services to be performed by HilltopSecurities pursuant to the Agreement, subject to the limitations in scope set out in paragraph C of Section I of the Agreement, and with the understanding that:

(a) Individual actions taken within this scope shall be consistent with any request or direction provided by an authorized representative of the Issuer or as HilltopSecurities determines to be necessary or appropriate in furtherance of any matter for which it serves as municipal advisor. However, not all listed activities will be appropriate, necessary or applicable to any particular matter subject to this Agreement.

(b) For purposes of this Agreement, an issuance of municipal securities (an "issuance") shall encompass any and all stages in the life of an issuance, from the pre-issuance planning stage to the repayment stage.

I. New Issuances of Municipal Securities. At the direction of or upon the request of the Issuer, HilltopSecurities shall provide advice to the Issuer on any new issuances, including reofferings of outstanding issuances that are treated for purposes of the federal securities laws and/or federal tax laws as new issuances, throughout the term of this Agreement. The activities to be performed by HilltopSecurities may include, depending on the specific circumstances of an issuance and any request or direction of the Issuer, one or more of the following:

Planning for New Issuance

1. ***Survey and Analysis.*** Surveying the financial resources of the Issuer in connection with its capacity to authorize, issue and service the contemplated issuance. This survey would be expected to include an analysis of any existing debt structure as compared with the existing and projected sources of revenues which may be pledged to secure payment of debt service and, where appropriate, would include a study of the trend of the assessed valuation, taxing power and present and future taxing requirements of the Issuer. In the event revenues of existing or projected facilities operated by the Issuer are to be pledged to repayment of the contemplated issuance, the survey would be expected to take into account any outstanding indebtedness payable from such revenues, additional revenues to be available from any proposed rate increases, and additional revenues resulting from improvements to be financed by the contemplated issuance, as projected by consulting engineers engaged by the Issuer.
2. ***Future Financings.*** In connection with the contemplated issuance, considering and analyzing future financing needs as projected by the Issuer's staff and consulting engineers or other experts, if any, engaged by the Issuer.
3. ***Recommendations.*** Making recommendations to the Issuer on the contemplated issuance, including such elements as the date of issue, interest payment dates, schedule of principal maturities, options for prepayment, security provisions, and such other provisions as may be appropriate.
4. ***Market Information.*** Advising the Issuer of HilltopSecurities' view of current bond market conditions, other related forthcoming bond issues and general information (including

applicable economic data) which might normally be expected to influence interest rates or bidding conditions relevant to setting an appropriate date and time for the sale of the issuance.

5. **Elections.** In the event it is necessary to hold an election to authorize the contemplated issuance, assisting in coordinating the assembly of such data as may be required for the preparation of necessary petitions, orders, resolutions, ordinances, notices and certificates in connection with the election, including assistance in the transmission of such data to the Issuer's bond counsel.

Debt Management and Financial Implementation for New Issuance

6. **Method of Sale.** Evaluating the particular financing being contemplated, giving consideration to the complexity, market acceptance, rating, size and structure in order to make a recommendation as to an appropriate method of sale, and:

- a. If the issuance is to be sold by a competitive sale:
 - (1) Supervising the sale of the municipal securities;
 - (2) Disseminating information to prospective bidders, organizing such informational meetings as may be necessary, and facilitating prospective bidders' efforts in making timely submission of proper bids;
 - (3) Assisting the staff of the Issuer in coordinating the receipt of bids, the safekeeping of good faith checks and the tabulation and comparison of submitted bids;
 - (4) Advising the Issuer regarding the best bid and provide advice regarding acceptance or rejection of the bids; and
 - (5) Obtaining CUSIP numbers on behalf of the Issuer.
- b. If the issuance is to be sold by negotiated sale:
 - (1) Recommending for the Issuer's final approval and acceptance one or more investment banking firms, as sole underwriter or as managers of an underwriting syndicate, for the purpose of negotiating the purchase of the municipal securities;
 - (2) Cooperating with and assisting any selected sole or managing underwriter and its counsel, as well as any disclosure counsel retained by the Issuer, in connection with the preparation of any preliminary or final official statement or offering memorandum. HilltopSecurities will cooperate with and assist the underwriters in the preparation of a bond purchase contract, an underwriters' agreement and other related documents;
 - (3) Assisting the staff of the Issuer in the safekeeping of any good faith checks and providing a cost comparison to the then-current market of expenses, interest rates and prices which are proposed by the underwriters;
 - (4) Advising the Issuer on the fairness of the price offered by the underwriters;

(5) Advising the Issuer in connection with any terms and conditions it may wish to establish with respect to order priorities and other similar matters relating to the underwriting of the new issuance;

(6) If the new issuance will have a retail order period, advising the Issuer on retail eligibility criteria and other features of the retail order period and reviewing information provided by the underwriters to the Issuer in connection with retail orders received; and

(7) At the request of the Issuer, reviewing required disclosures by underwriters to the Issuer relating to their role as underwriter, conflicts of interests, material terms and risks of the issuance, and any other matters, and providing any appropriate advice to the Issuer in connection with such disclosures.

7. ***Offering Documents for Competitive Offerings.*** Coordinating the preparation of the notice of sale and bidding instructions, preliminary official statement (including cooperating with and assisting any disclosure counsel retained by the Issuer), official bid form and such other documents as may be required and submitting all such documents to the Issuer for examination, approval and certification. After such examination, approval and certification, HilltopSecurities shall provide the Issuer with a supply of all such documents sufficient to its needs and distribute sets of the same to prospective bidders for the municipal securities. HilltopSecurities also shall provide copies of the final official statement to the winning bidder purchasing the municipal securities in the MSRB-designated electronic format and in accordance with the notice of sale and bidding instructions promptly after the Issuer approves the final official statement for distribution.

8. ***Credit Ratings.*** Making recommendations to the Issuer on the advisability of obtaining one or more credit ratings for the issuance and, when directed by the Issuer, coordinating the preparation of such information as may be appropriate for submission to any rating agency. In those cases where the advisability of personal presentation of information to a rating agency may be indicated, HilltopSecurities will arrange for such personal presentations, utilizing such composition of representatives from the Issuer as may be approved or directed by the Issuer.

9. ***Trustee, Paying Agent, Registrar, Professionals and Other Transaction Participants.*** Upon request, providing advice to the Issuer in the selection of a trustee and/or paying agent/registrar, legal, accounting or other professionals, and other transaction participants relating to any issuance, and assisting in the negotiation of agreements pertinent to these services and the fees incident thereto.

10. ***Financial Publications.*** When appropriate, advising financial publications of the forthcoming sale of the municipal securities and providing them with all pertinent information.

11. ***Consultants.*** After consulting with and receiving directions from the Issuer, arranging for such reports and opinions of recognized independent consultants as may be appropriate for the successful marketing of the issuance.

12. ***Auditors.*** In the event formal verification by an independent auditor of any calculations incident to the issuance is required, making arrangements for such services.

13. **Issuer Meetings.** Attending meetings of the governing body of the Issuer, its staff, representatives or committees as requested when HilltopSecurities may be of assistance or service and matters within the scope of this engagement are to be discussed.

14. **Printing.** To the extent authorized by the Issuer, coordinating all work incident to printing or final production, physical or electronic, of the offering documents.

15. **Bond Counsel.** Maintaining liaison with bond counsel in the preparation of all legal documents pertaining to the authorization, sale and issuance of the municipal securities.

16. **Changes in Laws.** Providing to the Issuer copies of proposed or enacted changes in federal and state laws, rules and regulations having, or expected to have, a significant effect on the municipal bond market of which HilltopSecurities becomes aware in the ordinary course of its business, it being understood that HilltopSecurities does not and may not act as an attorney for, or provide legal advice or services to, the Issuer.

17. **Delivery of the Municipal Securities.** As soon as a bid for the purchase of a competitive issuance is accepted by the Issuer or the bond purchase contract for a negotiated issuance is signed by the Issuer, coordinating the efforts of all concerned to the end that the municipal securities may be delivered and paid for as expeditiously as possible and assisting the Issuer in the preparation or verification of final closing figures incident to the delivery of the municipal securities.

18. **Debt Service Schedule; Authorizing Resolution.** After the closing of the sale and delivery of the issuance, delivering to the Issuer a schedule of annual debt service requirements for the issuance and, in coordination with bond counsel, assuring that the paying agent/registrar and/or trustee has been provided with a copy of the authorizing ordinance, order or resolution.

19. **Continuing Disclosure.** Providing advice to the Issuer with regard to its continuing disclosure undertakings for its new issuances and its selection of a dissemination agent under its continuing disclosure undertakings; provided that, upon the mutual agreement of the Issuer and HilltopSecurities, HilltopSecurities may serve as dissemination agent under one or more of the Issuer's continuing disclosure undertakings upon such terms as the parties shall agree, with such service as dissemination agent being expressly excluded from the scope of this Agreement.

II. Baseline Advice on Outstanding Issuances of Municipal Securities. HilltopSecurities shall provide baseline on-going advice to the Issuer on any outstanding issuances throughout the term of this Agreement, which may include, depending on the specific circumstances of such issuance and any request or direction of the Issuer:

1. **Exercising Calls.** Providing advice and assistance to the Issuer with regard to exercising any calls of outstanding municipal securities unrelated to a refunding of such securities.

2. **Refundings and Tender Offers.** Providing advice to the Issuer with regard to opportunities for refundings of outstanding issuances or to make tender offers for outstanding issuances, whether by means of a new issuance, bank loans, or other funds of the Issuer, but not including serving as advisor in connection with the specific transaction through which such refunding or tender offer is effected. Transaction-based advice in connection with a specific new issuance of bonds to effectuate any such refunding or tender offer would be provided within the scope of Municipal Advisory Services for new issuances described in Section I above. Transaction-based advice in

connection with a specific bank loan or other transaction to effectuate any such refunding or tender offer, other than by means of a new issuance of bonds would be provided pursuant to a separate agreement as described in Section IV below.

3. ***Continuing Disclosure.*** Providing advice to the Issuer with regard to continuing disclosure undertakings for outstanding issuances; processes, policies and procedures to comply with continuing disclosure undertakings; and coordination of continuing disclosure obligations arising from different continuing disclosure undertakings for its various issuances. However, the preparation of continuing disclosure documents, other than in the capacity of dissemination agent under a continuing disclosure undertaking, would be provided within the scope of other services described in Section V. below.

III. Particularized Services on Outstanding Issuances of Municipal Securities. HilltopSecurities may provide to the Issuer certain additional advisory or related services in connection with particular outstanding issuances or matters affecting multiple outstanding issuances throughout the term of this Agreement, which may include, depending on the specific circumstances of such issuance and any request or direction of the Issuer:

1. ***Other Post-Sale Services.*** Reviewing the transaction features and documentation of outstanding issuances with legal counsel for the Issuer, bond counsel, auditors and other experts and consultants retained by the Issuer and assisting in developing appropriate responses to legal processes, audit procedures, inquiries, internal reviews and similar matters, or other services related to one or more outstanding issuances as may be agreed to by the Issuer and HilltopSecurities.

2. ***Brokerage of Municipal Escrow Investments.*** At the request of the Issuer, brokering the purchase of municipal escrow investments in connection with a refunding of an outstanding issuance, together with any recommendations by HilltopSecurities (but not by First Southwest Asset Management, LLC as an investment adviser) with respect to such brokerage.

IV. Services as Independent Registered Municipal Advisor ("IRMA"). At the written request of the Issuer, HilltopSecurities shall, as the Issuer's IRMA, review and provide advice to the Issuer in connection with any recommendations, proposals, ideas or matters suggested or otherwise communicated by a third party to the Issuer with respect to the same aspects of the issuance of municipal securities or municipal financial products that are within the scope of Municipal Advisory Services. There are no aspects of the issuance of municipal securities or municipal financial products that are outside the scope of Municipal Advisory Services set forth in this Appendix.

V. Other Services Relating to Municipal Securities. HilltopSecurities agrees to make available to the Issuer other services relating to municipal securities, when so requested by the Issuer and subject to the agreement by Issuer and HilltopSecurities regarding the specific requirements with respect to such services, which requirements shall be made part of the scope of Municipal Advisory Services and included in this Appendix as an amendment or addendum, which services may include, without limitation:

1. ***Capital Improvement Programs.*** Providing advice and assistance in the development of any capital improvement programs of the Issuer.

2. ***Long-Range Planning.*** Providing advice and assistance in the development of other long-range financing plans of the Issuer.

3. ***Refundings and Tender Offers.*** Providing advice and assistance in executing a refunding or tender offer of an outstanding issuance other than by means of refunding bonds, such as by means of a bank loan or other funds of the Issuer.

4. ***Continuing Disclosure Documents.*** Preparing and providing advice with regard to the content of continuing disclosure documents in compliance with the Issuer's continuing disclosure undertakings for its outstanding issuances, other than in the capacity of dissemination agent under a continuing disclosure undertaking.

* * * * *

As provided in paragraph D of Section I of the Agreement, amendments to this Appendix A may be effected by replacement of this Appendix A with a new version hereof or by the addition of an addendum to this Appendix A, and this Appendix A, as it may have been amended, shall be dated and effective as of the most recent of the date set forth in any such amendment or the date set forth in any addendum to this Appendix A.

APPENDIX B FORM AND BASIS OF COMPENSATION

This Appendix B sets out the form and basis of compensation to HilltopSecurities for the Municipal Advisory Services provided under this Agreement as set forth in Appendix A; provided that the compensation arrangements set forth in this Appendix B shall also apply to any additional services hereafter added to the scope of the Municipal Advisory Services, unless otherwise provided in the amendment to the Agreement relating to such change in scope of Municipal Advisory Services as provided in paragraph D of Section I of the Agreement.

I. New Issuances of Municipal Securities. The fees due HilltopSecurities in connection with the Municipal Advisory Services set forth in Section I of Appendix A hereto for each new issuance of municipal securities will not exceed those contained in our fee schedule as listed below:

Base Fee – Any Issue		\$10,000
plus \$9.00 per \$1,000	for the first	\$1,000,000 of municipal securities issued
plus \$5.00 per \$1,000	for the next	\$4,000,000 of municipal securities issued
plus \$3.50 per \$1,000	for the next	\$5,000,000 of municipal securities issued
plus \$3.00 per \$1,000	for the next	\$10,000,000 of municipal securities issued
plus \$2.50 per \$1,000	for the next	\$10,000,000 of municipal securities issued
plus \$2.00 per \$1,000	for the next	\$20,000,000 of municipal securities issued
plus \$1.50 per \$1,000		over \$50,000,000

The above charges shall be multiplied by 1.25 for an issuance of municipal securities for which HilltopSecurities participates in the completion of an application to a federal or state government agency or for the issuance of revenue bonds, refunding bonds or variable rate bonds, reflecting the additional services required.

The payment of charges as set forth in this Section I for new issuances shall be contingent upon the delivery of the new issuance and shall be due at the time that the municipal securities are delivered.

II. Baseline Advice on Outstanding Issuances of Municipal Securities. There shall be no additional fees due HilltopSecurities in connection with the Municipal Advisory Services set forth in Section II of Appendix A hereto, with the understanding that such services are integral to HilltopSecurities' engagement as municipal advisor to the Issuer and HilltopSecurities shall be compensated for such services through and as part of the fees paid for the other services provided by HilltopSecurities hereunder.

III. Particularized Services on Outstanding Issuances of Municipal Securities. In connection with Other Post-Sale Services described in Section III of Appendix A hereto, HilltopSecurities shall provide those services at no additional cost.

In connection with the brokerage of municipal escrow investments described in Section III of Appendix A hereto, HilltopSecurities shall charge a commission that is normal and customary for investments of that type under then-current market conditions and shall disclose such commission to the Issuer so that the Issuer may consider the information in making its investment decision.

IV. Third-Party Recommendations, Proposals, Ideas or Other Matters as IRMA. In connection with its review of and advice on third-party recommendations to Issuers as an IRMA as described in Section IV of Appendix A hereto, HilltopSecurities shall provide those services at no additional cost.

V. Other Services Relating to Municipal Securities. In connection with any services described in Section V of Appendix A hereto requested by the Issuer and agreed to by HilltopSecurities, the fees due with respect to any such services shall be as agreed to by the parties hereto, which terms shall be made part of the compensation provided under this Agreement and shall be included in this Appendix as an amendment or addendum hereto.

VI. Expenses. The Issuer shall be responsible for the following expenses in connection with the Municipal Advisory Services (including any additional services hereafter added to the scope of the Municipal Advisory Services), if and when applicable, whether they are charged to the Issuer directly as expenses or charged to the Issuer by HilltopSecurities as reimbursable expenses: bond counsel fees and expenses, bond printing costs, bond ratings fees and expenses, computer structuring costs, credit enhancement fees and expenses, accountant fees for verifications and related activities in connection with refundings, official statement preparation and printing, paying agent/registrar/trustee fees and expenses, travel expenses, underwriter and underwriter's counsel fees and expenses, and other miscellaneous expenses incurred by HilltopSecurities in the furtherance of any matter for which it serves as municipal advisor, including copy, delivery, phone and other charges normally incurred in connection with engagements of this type.

The Issuer agrees that any expense that it requests that HilltopSecurities pay to any third party on the Issuer's behalf shall be made in writing and shall be in accordance with paragraph C of Section III of the Agreement.

The payment of reimbursable expenses that HilltopSecurities has assumed on behalf of the Issuer shall NOT be contingent upon the delivery of a new issuance of municipal securities or the completion of any other transactions for which such expenses have been assumed and shall be due at the time that services are rendered and payable upon receipt of an invoice therefor submitted by HilltopSecurities, unless otherwise provided for in any amendment or addendum hereto in connection with the compensation arrangements for any services provided under the Agreement for which such amendment or addendum is required.

APPENDIX C

MUNICIPAL ADVISOR DISCLOSURE STATEMENT

This disclosure statement ("Conflict Disclosures") is provided by **Hilltop Securities Inc.** ("the Firm") to you (the "Client") in connection with our current municipal advisory agreement, ("the Agreement"). These Conflict Disclosures provide information regarding conflicts of interest and legal or disciplinary events of the Firm that are required to be disclosed to the Client pursuant to MSRB Rule G-42(b) and (c)(ii).

PART A – Disclosures of Conflicts of Interest

MSRB Rule G-42 requires that municipal advisors provide to their clients disclosures relating to any actual or potential material conflicts of interest, including certain categories of potential conflicts of interest identified in Rule G-42, if applicable.

Material Conflicts of Interest – The Firm makes the disclosures set forth below with respect to material conflicts of interest in connection with the Scope of Services under the Agreement with the Firm, together with explanations of how the Firm addresses or intends to manage or mitigate each conflict.

General Mitigations – As general mitigations of the Firm's conflicts, with respect to all of the conflicts disclosed below, the Firm mitigates such conflicts through its adherence to its fiduciary duty to Client, which includes a duty of loyalty to Client in performing all municipal advisory activities for Client. This duty of loyalty obligates the Firm to deal honestly and with the utmost good faith with Client and to act in Client's best interests without regard to the Firm's financial or other interests. In addition, because the Firm is a broker-dealer with significant capital due to the nature of its overall business, the success and profitability of the Firm is not dependent on maximizing short-term revenue generated from individualized recommendations to its clients but instead is dependent on long-term profitability built on a foundation of integrity, quality of service and strict adherence to its fiduciary duty. Furthermore, the Firm's municipal advisory supervisory structure, leveraging our long-standing and comprehensive broker-dealer supervisory processes and practices, provides strong safeguards against individual representatives of the Firm potentially departing from their regulatory duties due to personal interests. The disclosures below describe, as applicable, any additional mitigations that may be relevant with respect to any specific conflict disclosed below.

I. Affiliate Conflict. The Firm, directly and through affiliated companies, provides or may provide services/advice/products to or on behalf of clients that are related to the Firm's advisory activities within the Scope of Services outlined in the Agreement. First Southwest Asset Management (FSAM), a SEC-registered affiliate of the Firm, provides post issuance services including arbitrage rebate and treasury management. The Firm's arbitrage team verifies rebate and yield restrictions on the investments of bond proceeds on behalf of clients in order to meet IRS restrictions. The treasury management division performs portfolio management/advisor services on behalf of public sector clients. The Firm, through affiliate First Southwest Advisory, provides a multi-employer trust tailor-made for public entities which allows them to prefund Other Post-Employment Benefit liabilities. The Firm has a structured products desk that provides advice to help clients mitigate risk through investment management, debt management and commodity price risk management products. These products consist of but are not limited to swaps (interest rate, currency, commodity), options, repos, escrow structuring and other securities. Continuing Disclosure services provided by the Firm work with issuers to assist them in meeting disclosure requirements set forth in SEC rule 15c2-12. Services include but are not limited to ongoing maintenance of issuer compliance, automatic tracking of issuer's annual filings and public notification of material events. The Firm administers two government investment pools for Texas governments; the Short-Term Asset Reserve Fund (TexSTAR) and

the Local Government Investment Cooperative (LOGIC). These programs offer Texas government entities investment options for their cash management programs based on the entities specific needs. The Firm and the aforementioned affiliate's business with a client could create an incentive for the Firm to recommend to a client a course of action designed to increase the level of a client's business activities with the affiliates or to recommend against a course of action that would reduce or eliminate a client's business activities with the affiliates. Furthermore, this potential conflict is mitigated by the fact that the Firm and affiliates are subject to their own comprehensive regulatory regime as a member of multiple self-regulatory organizations in which compliance is verified by not only internal tests but annual external examinations.

II. Other Municipal Advisor or Underwriting Relationships. The Firm serves a wide variety of other clients that may from time to time have interests that could have a direct or indirect impact on the interests of Client. For example, the Firm serves as municipal advisor to other municipal advisory clients and, in such cases, owes a regulatory duty to such other clients just as it does to Client. These other clients may, from time to time and depending on the specific circumstances, have competing interests, such as accessing the new issue market with the most advantageous timing and with limited competition at the time of the offering. In acting in the interests of its various clients, the Firm could potentially face a conflict of interest arising from these competing client interests. In other cases, as a broker-dealer that engages in underwritings of new issuances of municipal securities by other municipal entities, the interests of the Firm to achieve a successful and profitable underwriting for its municipal entity underwriting clients could potentially constitute a conflict of interest if, as in the example above, the municipal entities that the Firm serves as underwriter or municipal advisor have competing interests in seeking to access the new issue market with the most advantageous timing and with limited competition at the time of the offering. None of these other engagements or relationships would impair the Firm's ability to fulfill its regulatory duties to Client.

III. Secondary Market Transactions in Client's Securities. The Firm, in connection with its sales and trading activities, may take a principal position in securities, including securities of Client, and therefore the Firm could have interests in conflict with those of Client with respect to the value of Client's securities while held in inventory and the levels of mark-up or mark-down that may be available in connection with purchases and sales thereof. In particular, the Firm or its affiliates may submit orders for and acquire Client's securities issued in an Issue under the Agreement from members of the underwriting syndicate, either for its own account or for the accounts of its customers. This activity may result in a conflict of interest with Client in that it could create the incentive for the Firm to make recommendations to Client that could result in more advantageous pricing of Client's bond in the marketplace. Any such conflict is mitigated by means of such activities being engaged in on customary terms through units of the Firm that operate independently from the Firm's municipal advisory business, thereby reducing the likelihood that such investment activities would have an impact on the services provided by the Firm to Client under this Agreement.

IV. Broker-Dealer and Investment Advisory Business. The Firm is dually registered as a broker-dealer and an investment advisor that engages in a broad range of securities-related activities to service its clients, in addition to serving as a municipal advisor or underwriter. Such securities-related activities, which may include but are not limited to the buying and selling of new issue and outstanding securities and investment advice in connection with such securities, including securities of Client, may be undertaken on behalf of, or as counterparty to, Client, personnel of Client, and current or potential investors in the securities of Client. These other clients may, from time to time and depending on the specific circumstances, have interests in conflict with those of Client, such as when their buying or selling of Client's securities may have an adverse effect on the market for Client's securities, and the interests of such other clients could create the incentive for the Firm to make recommendations to Client that could result in more advantageous pricing for the other clients. Furthermore, any potential conflict arising from the firm effecting or otherwise

assisting such other clients in connection with such transactions is mitigated by means of such activities being engaged in on customary terms through units of the Firm that operate independently from the Firm's municipal advisory business, thereby reducing the likelihood that the interests of such other clients would have an impact on the services provided by the Firm to Client.

V. Compensation-Based Conflicts. Fees that are based on the size of the issue are contingent upon the delivery of the Issue. While this form of compensation is customary in the municipal securities market, this may present a conflict because it could create an incentive for the Firm to recommend unnecessary financings or financings that are disadvantageous to Client, or to advise Client to increase the size of the issue. This conflict of interest is mitigated by the general mitigations described above.

Fees based on a fixed amount are usually based upon an analysis by Client and the Firm of, among other things, the expected duration and complexity of the transaction and the Scope of Services to be performed by the Firm. This form of compensation presents a potential conflict of interest because, if the transaction requires more work than originally contemplated, the Firm may suffer a loss. Thus, the Firm may recommend less time-consuming alternatives, or fail to do a thorough analysis of alternatives. This conflict of interest is mitigated by the general mitigations described above.

Hourly fees are calculated with, the aggregate amount equaling the number of hours worked by Firm personnel times an agreed-upon hourly billing rate. This form of compensation presents a potential conflict of interest if Client and the Firm do not agree on a reasonable maximum amount at the outset of the engagement, because the Firm does not have a financial incentive to recommend alternatives that would result in fewer hours worked. This conflict of interest is mitigated by the general mitigations described above.

PART B – Disclosures of Information Regarding Legal Events and Disciplinary History

MSRB Rule G-42 requires that municipal advisors provide to their clients certain disclosures of legal or disciplinary events material to its client's evaluation of the municipal advisor or the integrity of the municipal advisor's management or advisory personnel.

Accordingly, the Firm sets out below required disclosures and related information in connection with such disclosures.

I. Material Legal or Disciplinary Event. The Firm discloses the following legal or disciplinary events that may be material to Client's evaluation of the Firm or the integrity of the Firm's management or advisory personnel:

- For related disciplinary actions please refer to the Firm's [BrokerCheck](#) webpage.
- The Firm self-reported violations of SEC Rule 15c2-12: Continuing Disclosure. The Firm settled with the SEC on February 2, 2016. The firm agreed to retain independent consultant and adopt the consultant's finding. Firm paid a fine of \$360,000.
- The Firm settled with the SEC in matters related to violations of MSRB Rules G-23(c), G-17 and SEC rule 15B(c) (1). The Firm disgorged fees of \$120,000 received as financial advisor on the deal, paid prejudgment interest of \$22,400.00 and a penalty of \$50,000.00.

- The Firm entered into a Settlement Agreement with Rhode Island Commerce Corporation. Under the Settlement Agreement, the firm agreed to pay \$16.0 million to settle any and all claims in connection with The Rhode Island Economic Development Corporation Job Creation Guaranty Program Taxable Revenue Bond (38 Studios, LLC Project) Series 2010, including the litigation thereto. The case, filed in 2012, arose out of a failed loan by Rhode Island Economic Development Corporation. The firm's predecessor company, First Southwest Company, LLC, was one of 14 defendants. FirstSouthwest's engagement was limited to advising on the structure, terms, and rating of the underlying bonds. Hilltop settled with no admission of liability or wrongdoing.

II. How to Access Form MA and Form MA-I Filings. The Firm's most recent Form MA and each most recent Form MA-I filed with the SEC are available on the SEC's EDGAR system at [Forms MA and MA-I](#). The SEC permits certain items of information required on Form MA or MA-I to be provided by reference to such required information already filed by the Firms in its capacity as a broker-dealer on Form BD or Form U4 or as an investment adviser on Form ADV, as applicable. Information provided by the Firm on Form BD or Form U4 is publicly accessible through reports generated by BrokerCheck at <http://brokercheck.finra.org/>, and the Firm's most recent Form ADV is publicly accessible at the Investment Adviser Public Disclosure website at <http://www.adviserinfo.sec.gov/>. For purposes of accessing such BrokerCheck reports or Form ADV, click previous hyperlinks.

PART C – Future Supplemental Disclosures

As required by MSRB Rule G-42, this Municipal Advisor Disclosure Statement may be supplemented or amended, from time to time as needed, to reflect changed circumstances resulting in new conflicts of interest or changes in the conflicts of interest described above, or to provide updated information with regard to any legal or disciplinary events of the Firm. The Firm will provide Client with any such supplement or amendment as it becomes available throughout the term of the Agreement.



September 27, 2018

Mr. Tommy Ervin
Ector County Utility District
1039 N. Moss Avenue
Odessa, TX 79763

Re: Professional Services Agreement for Water System Capital Improvement Projects

Dear Mr. Ervin:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "Consultant") is pleased to submit this letter agreement (the "Agreement") to Ector County Utility District ("Client") for engineering services for water system capital improvement projects.

Project Understanding

Kimley-Horn understands the Client has completed a Water System Master Plan that includes a Capital Improvement Plan identifying projects that are needed to bring the water system into compliance with the Texas Commission on Environmental Quality (TCEQ) requirements. The Client desires to construct these projects using funds that will be obtained from the Texas Water Development Board (TWDB). Kimley-Horn understands the Client has been preliminarily approved for TWDB funding and is in the process of securing the funds. Kimley-Horn will perform design, bidding and construction phase services for the following projects:

- 42nd Street Pump Station Phase 1
- 42nd Street 30-inch Transmission Line
- 42nd Street 24-inch Transmission Line
- Knox Avenue 16-inch Water Line (South)
- Knox Avenue 1.5 MG Elevated Storage Tank
- Tripp Avenue 16-inch Transmission Line to Tripp Avenue Tank
- Tripp Avenue 1.0 MG Elevated Storage Tank

SCOPE OF SERVICES

Kimley-Horn will provide the services specifically set forth below.

42nd Street Pump Station and Ground Storage Tanks

Task 1- Preliminary Design

1. Attend a kick-off meeting with the Client to develop criteria for site selection and design parameters.
2. Recommend pump type (horizontal split-case or vertical turbine) and general building configuration for the 12.4 MGD capacity pump station.
3. Recommend method of pressure maintenance for initial operation and for ultimate configuration.

4. Recommend ground storage tank type with preliminary dimensions for two (2) - 2 MG ground storage tanks that will be located on the same site. Final dimensions will be provided in the Final Design.
5. Evaluate up to two (2) disinfection options that will be compatible with the Client's existing disinfection scheme for maintaining residuals and prepare a preliminary OPCC for each.
6. Evaluate chlorine contact time (CT) criteria for the ground storage tank and pump station.
7. Recommend piping schematics, pipe material and valve types.
8. Provide recommendation for building construction type and a basic floor plan. Detailed floor plans and building elevations will be included in the Final Design.
9. Perform preliminary electrical engineering services for the proposed ground storage tanks and pump station including the following:
 - a. Analyze power availability to the proposed site, and the need for standby power to provide uninterrupted service to the site for 12.4 MGD pump station.
 - b. Path study for SCADA.
 - c. Chlorine residual monitoring.
 - d. Security features.
10. Collect data on existing utilities, property owners, and infrastructure for the proposed site(s). Consultant will coordinate with the following:
 - a. Client Staff
 - b. County
 - c. Franchise utilities (gas, phone, electric)
 - d. Cable companies
11. Prepare an 11"x17" exhibit and letter report identifying up to three (3) proposed locations for the proposed ground tanks and pump station site. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate tank diameters and pump station foot print, property information obtained from the Ector County Appraisal District, zoning information and land use information for each site.
 - b. Letter Report – advantages and disadvantages of each tank and pump station site based on the site selection criteria developed during the kick-off meeting.
12. Meet with Client and present recommendation for a proposed site layout.
13. Once a proposed site layout has been selected, the Consultant will perform a horizontal and vertical survey of the proposed site to locate visible topographic features, existing utilities

contained within and adjacent to the site and property information such as iron pins, easements, etc.

14. Establish horizontal and vertical control points at the proposed site.
15. Perform a geotechnical analysis of the site utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding foundation design parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including up to eight (8) sample bores at varied depths.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions as well as recommendations for foundations, floor slab and earthwork.
16. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
17. Prepare a preliminary site layout, including grading, drainage, paving, yard piping, tank location, pump station location and tank type.
18. Prepare a letter report outlining recommendations for the pump station and ground storage tank.
19. Prepare a preliminary OPCC.

Meetings:

- a. Prepare for and conduct a kick-off meeting with the Client.
- b. Present recommended site layout.
- c. Present preliminary site civil layout, letter report and OPCC.

Deliverables:

- a. Ten (10) copies of 11"x17" exhibit and letter report for recommended site(s).
- b. Ten (10) copies of preliminary OPCC.
- c. Ten (10) copies of 11"x17" preliminary site civil layout and letter report for pump station and ground storage tank.
- d. Two (2) copies of Geotechnical report.

Services/Deliverables provided by the Client:

- a. Select and acquire a site.
- b. Review and comment on the preliminary submittals.

Task 2 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved and a site acquired by the Client:

1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 150 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Site plans
 - Profiles
 - Grading
 - Erosion Control
 - Landscaping
 - Details
 - Mechanical sheets
 - General notes
 - Equipment layout
 - Sections
 - Details
 - Architectural sheets
 - General Notes
 - Floor plans
 - Roof plans
 - Elevations
 - Details
 - Structural sheets
 - General notes
 - Foundation plans
 - Building Sections
 - Elevations
 - Roof plans
 - Details
 - Electrical sheets
 - General Notes
 - Site plan
 - Floor plan
 - Backup Generator
 - Site lighting
 - Control and Instrumentation
 - SCADA Equipment
 - Details
 - Plumbing sheets
 - Onsite sanitary sewer
2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.

3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
4. Make revisions based on the Client's review comments.
5. Submit final plans to the following regulatory agencies for review:
 - a. TCEQ
 - b. TWDB
 - c. TDLR
6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:
 1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
 2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
 3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
 4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 1. TCEQ
 2. TWDB
 3. TDLR
- c. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittal.

Task 3 – Bidding

The Consultant will perform the following professional services for this project phase:

1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
2. Provide plans and specifications in .PDF format to CivCast website for online bidding.

3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.
4. Issue addenda as required.
5. Answer contractor questions.
6. Prepare for and conduct a Pre-bid conference.
7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 4 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the ground storage tanks and pump station is 18 months.
2. Visit the site during critical phases of the project such as: foundation preparation of tank and pump station building, pump installation and start up, control and instrumentation installation.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- b. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

42nd Street 30-inch Transmission Line**Task 1- Routing and Alignment**

The Routing/Alignment tasks will be performed from the Odessa Wholesale Meter to the proposed 42nd Street Pump Station site. The route will be approximately 22,000 LF and will be along 42nd Street from Loop 338 to Tripp Avenue.

Professional services under this task will include:

1. Attend a kick-off meeting with the Client to develop criteria for route selection and design parameters.

2. Evaluate one (1) route along 42nd Street from Loop 338 to Tripp Avenue.
3. Collect data on existing utilities, property owners, and infrastructure along the proposed water line route. The Consultant will coordinate with the following:
 - a. Client Staff
 - b. Franchise utilities (gas, phone, electric, cable)
 - c. Ector County
 - d. Texas Department of Transportation (TxDOT)
4. Provide 11"x17" exhibit and Letter Report summarizing the evaluation of the proposed alignment for the water line. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate water line alignment, property information obtained from the Ector County Appraisal District, zoning information and land use information for each alignment.
 - b. Letter Report – advantages and disadvantages of each alignment based on the route selection criteria developed during the kick-off meeting.
5. Provide information on permitting requirements for TxDOT. Permitting will be provided as part of the Final Design Phase services.
6. Provide recommendations for temporary and permanent easements to be acquired.
7. Prepare preliminary OPCC.

Meetings:

- a. Prepare for and conduct a kick-off meeting with Client.
- b. Present letter report, recommended alignments and preliminary OPCC.
- c. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Ten (10) copies of the Letter Report with findings of the Routing and Alignment Study.
- b. Ten (10) copies of the 11"x17" Exhibit showing preliminary alignment and proposed easement acquisition locations.
- c. Ten (10) copies of the preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Select a route.
- b. Provide comments on Letter Report.

Task 2- Preparation of easement descriptions

Professional services under this task will include:

1. Preparation of a right-of-way (ROW) map identifying property owners and easement locations for the entire alignment.
2. Assist Client and Client's property acquisition consultant by providing technical information on water line alignments for no more than five (5) parcels. Information on additional parcels will be considered Additional Services.
3. Prepare up to five (5) easement documents for execution by Client and property owner.

Meetings:

- a. Attend two (2) meetings with Client to discuss easement acquisition issues.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Five (5) copies of ROW maps.
- b. Two (2) originals of easement documents (temporary and permanent).

Services/Deliverables provided by the Client:

- a. Acquisition of easements including appraisals and title searches.
- b. Execution and Filing of easement documents.
- c. Payment of easement acquisition cost to property owner(s).

Task 3- Preliminary Design

Once the proposed alignment has been approved and easements acquired by the Client, Consultant will proceed with the Preliminary Design and preliminary plans and specifications.

Professional services under this task include:

1. Coordination with utilities and ROW holders
 - a. Client Staff
 - b. Ector County
 - c. Franchise utilities (gas, phone, electric, cable)
 - d. TxDOT
2. Perform a design level survey. The survey will include the following:
 - a. Width of easement or R.O.W. not to exceed 50 feet.
 - b. Locate visible topographic features such as marked existing utilities and their appurtenances, 6-inch diameter trees and larger, iron pins (if found), edge of pavement, fences.
 - c. Establish control points along the route.

3. Perform a geotechnical analysis of the proposed alignment utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding embedment and backfill parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including up to three (3) sample bores at various locations along the proposed route.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions for proposed horizontal boring locations.
4. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
5. Evaluate up to three (3) pipe materials for the 30-inch water line.
6. Update Preliminary OPCC based on Preliminary Design.
7. Preparation of Preliminary Plans (plan view only).
8. Preparation of Specification Outline.

Meetings:

- a. Present preliminary plans and specification outline.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Three (3) copies of the Preliminary Construction Plans (plan view only).
- b. Three (3) copies of the Specification Outline including material selection.
- c. Three (3) copies of the updated preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Review and comments on Preliminary Design.

Task 4 – Permitting

Once the proposed alignment and Preliminary Design have been approved by the Client, the Consultant will complete the following tasks:

1. Meet with TxDOT Utility division to determine permit requirements.
2. Prepare the TxDOT Utility permit application for the Client's signature.

Meetings:

- a. Meet with Client and TxDOT.
- b. Meet with Gas/Oil Company to determine permit requirements, if any.

Deliverables:

- c. TxDOT Utility permit application and the Preliminary Construction Plans.

Services/Deliverables provided by the Client:

- a. Sign TxDOT Utility permit application.

Task 5 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved by the Client:

1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 30-35 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Plan and Profile Sheets
 - Storm Water Pollution Prevention Plan
 - Traffic Control Sheets
 - Details
2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.
3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
4. Make revisions based on the Client's review comments.
5. Submit final plans to the following regulatory agencies for review:
 - a. TCEQ
 - b. TWDB
6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:

1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 1. TCEQ
 2. TWDB
- c. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittals.

Task 6 – Bidding

The Consultant will perform the following professional services for this project phase:

1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
2. Provide plans and specifications in .PDF format to CivCast website for online bidding.
3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.
4. Issue addenda as required.
5. Answer contractor questions.
6. Prepare for and conduct a Pre-bid conference.
7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 7 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the 30-inch waterline is 10 months.

2. Visit the site during critical phases of the project such as highway bore, connection to existing water mains.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- b. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

42nd Street 24-inch Transmission Line***Task 1- Routing and Alignment***

The Routing/Alignment tasks will be performed from the proposed 42nd Street Pump Station site to Knox Avenue. The route will be approximately 10,000 LF.

Professional services under this task will include:

1. Attend a kick-off meeting with the Client to develop criteria for route selection and design parameters.
2. Evaluate one (1) route along 42nd Street from the 42nd Street Pump Station to Knox Avenue.
3. Collect data on existing utilities, property owners, and infrastructure along the proposed water line route. The Consultant will coordinate with the following:
 - a. Client Staff
 - b. Franchise utilities (gas, phone, electric, cable)
 - c. Ector County
 - d. Texas Department of Transportation (TxDOT)
4. Provide 11"x17" exhibit and Letter Report summarizing the evaluation of the proposed alignment for the water line. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate water line alignment, property information obtained from the Ector County Appraisal District, zoning information and land use information for each alignment.
 - b. Letter Report – advantages and disadvantages of each alignment based on the route selection criteria developed during the kick-off meeting.
5. Provide information on permitting requirements for TxDOT. Permitting will be provided as part of the Final Design Phase services.

6. Provide recommendations for temporary and permanent easements to be acquired.
7. Prepare preliminary OPCC.

Meetings:

- a. Prepare for and conduct a kick-off meeting with Client.
- b. Present letter report, recommended alignments and preliminary OPCC.
- c. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Ten (10) copies of the Letter Report with findings of the Routing and Alignment Study.
- b. Ten (10) copies of the 11"x17" Exhibit showing preliminary alignment and proposed easement acquisition locations.
- c. Ten (10) copies of the preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Select a route.
- b. Provide comments on Letter Report.

Task 2- Preparation of easement descriptions

Professional services under this task will include:

1. Preparation of a right-of-way (ROW) map identifying property owners and easement locations for the entire alignment.
2. Assist Client and Client's property acquisition consultant by providing technical information on water line alignments for no more than five (5) parcels. Information on additional parcels will be considered Additional Services.
3. Prepare up to five (5) easement documents for execution by Client and property owner.

Meetings:

- a. Attend two (2) meetings with Client to discuss easement acquisition issues.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Five (5) copies of ROW maps.
- b. Two (2) originals of easement documents (temporary and permanent).

Services/Deliverables provided by the Client:

- a. Acquisition of easements including appraisals and title searches.
- b. Execution and Filing of easement documents.
- c. Payment of easement acquisition cost to property owner(s).

Task 3- Preliminary Design

Once the proposed alignment has been approved and easements acquired by the Client, Consultant will proceed with the Preliminary Design and preliminary plans and specifications.

Professional services under this task include:

1. Coordination with utilities and ROW holders
 - a. Client Staff
 - b. Ector County
 - c. Franchise utilities (gas, phone, electric, cable)
 - d. TxDOT
2. Perform a design level survey. The survey will include the following:
 - a. Width of easement or R.O.W. not to exceed 50 feet.
 - b. Locate visible topographic features such as marked existing utilities and their appurtenances, 6-inch diameter trees and larger, iron pins (if found), edge of pavement, fences.
 - c. Establish control points along the route.
3. Perform a geotechnical analysis of the proposed alignment utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding embedment and backfill parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including up to two (2) sample bores at various locations along the proposed route.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions for proposed horizontal boring locations.
4. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
5. Evaluate up to three (3) pipe materials for the 24-inch water line.
6. Update Preliminary OPCC based on Preliminary Design.
7. Preparation of Preliminary Plans (plan view only).
8. Preparation of Specification Outline.

Meetings:

- a. Present preliminary plans and specification outline.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Three (3) copies of the Preliminary Construction Plans (plan view only).
- b. Three (3) copies of the Specification Outline including material selection.
- c. Three (3) copies of the updated preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Review and comments on Preliminary Design.

Task 4 – Permitting

Once the proposed alignment and Preliminary Design have been approved by the Client, the Consultant will complete the following tasks:

1. Meet with TxDOT Utility division to determine permit requirements.
2. Prepare the TxDOT Utility permit application for the Client's signature.

Meetings:

- a. Meet with Client and TxDOT.
- b. Meet with Gas/Oil Company to determine permit requirements, if any.

Deliverables:

- c. TxDOT Utility permit application and the Preliminary Construction Plans.

Services/Deliverables provided by the Client:

- a. Sign TxDOT Utility permit application.

Task 5 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved by the Client:

1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 30-35 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Plan and Profile Sheets
 - Storm Water Pollution Prevention Plan
 - Traffic Control Sheets

– Details

2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.
3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
4. Make revisions based on the Client's review comments.
5. Submit final plans to the following regulatory agencies for review:
 - a. TCEQ
 - b. TWDB
6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:
 1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
 2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
 3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
 4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 1. TCEQ
 2. TWDB
- c. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittal.

Task 6 – Bidding

The Consultant will perform the following professional services for this project phase:

1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
2. Provide plans and specifications in .PDF format to CivCast website for online bidding.
3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.
4. Issue addenda as required.
5. Answer contractor questions.
6. Prepare for and conduct a Pre-bid conference.
7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 7 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the 24-inch waterline is 6 months.
2. Visit the site during critical phases of the project such as highway bore, connection to existing water mains.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- a. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

Knox Avenue 16-inch Water Line (South)***Task 1- Routing and Alignment***

The Routing/Alignment tasks will be performed along Knox Avenue from Whirlaway Drive to University Boulevard. The route will be approximately 17,000 LF. The route will also be on Knox Avenue from Bradley Drive to Joan Drive. This route will be approximately 1,000 LF.

Professional services under this task will include:

1. Attend a kick-off meeting with the Client to develop criteria for route selection and design parameters.
2. Evaluate one (1) route along Knox Avenue.
3. Collect data on existing utilities, property owners, and infrastructure along the proposed water line route. The Consultant will coordinate with the following:
 - a. Client Staff
 - b. Franchise utilities (gas, phone, electric, cable)
 - c. Ector County
 - d. Texas Department of Transportation (TxDOT)
4. Provide 11"x17" exhibit and Letter Report summarizing the evaluation of the proposed alignment for the water line. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate water line alignment, property information obtained from the Ector County Appraisal District, zoning information and land use information for each alignment.
 - b. Letter Report – advantages and disadvantages of each alignment based on the route selection criteria developed during the kick-off meeting.
5. Provide information on permitting requirements for TxDOT. Permitting will be provided as part of the Final Design Phase services.
6. Provide recommendations for temporary and permanent easements to be acquired.
7. Prepare preliminary OPCC.

Meetings:

- a. Prepare for and conduct a kick-off meeting with Client.
- b. Present letter report, recommended alignments and preliminary OPCC.
- c. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Ten (10) copies of the Letter Report with findings of the Routing and Alignment Study.

- b. Ten (10) copies of the 11"x17" Exhibit showing preliminary alignment and proposed easement acquisition locations.
- c. Ten (10) copies of the preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Select a route.
- b. Provide comments on Letter Report.

Task 2- Preparation of easement descriptions

Professional services under this task will include:

- 1. Preparation of a right-of-way (ROW) map identifying property owners and easement locations for the entire alignment.
- 2. Assist Client and Client's property acquisition consultant by providing technical information on water line alignments for no more than five (5) parcels. Information on additional parcels will be considered Additional Services.
- 3. Prepare up to five (5) easement documents for execution by Client and property owner.

Meetings:

- a. Attend two (2) meetings with Client to discuss easement acquisition issues.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Five (5) copies of ROW maps.
- b. Two (2) originals of easement documents (temporary and permanent).

Services/Deliverables provided by the Client:

- a. Acquisition of easements including appraisals and title searches.
- b. Execution and Filing of easement documents.
- c. Payment of easement acquisition cost to property owner(s).

Task 3- Preliminary Design

Once the proposed alignment has been approved and easements acquired by the Client, Consultant will proceed with the Preliminary Design and preliminary plans and specifications.

Professional services under this task include:

- 1. Coordination with utilities and ROW holders
 - a. Client Staff
 - b. Ector County
 - c. Franchise utilities (gas, phone, electric, cable)

- d. TxDOT
- 2. Perform a design level survey. The survey will include the following:
 - a. Width of easement or R.O.W. not to exceed 50 feet.
 - b. Locate visible topographic features such as marked existing utilities and their appurtenances, 6-inch diameter trees and larger, iron pins (if found), edge of pavement, fences.
 - c. Establish control points along the route.
- 3. Perform a geotechnical analysis of the proposed alignment utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding embedment and backfill parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including up to three (3) sample bores at various locations along the proposed route.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions for proposed horizontal boring locations.
- 4. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
- 5. Evaluate up to three (3) pipe materials for the 16-inch water line.
- 6. Update Preliminary OPCC based on Preliminary Design.
- 7. Preparation of Preliminary Plans (plan view only).
- 8. Preparation of Specification Outline.

Meetings:

- a. Present preliminary plans and specification outline.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Three (3) copies of the Preliminary Construction Plans (plan view only).
- b. Three (3) copies of the Specification Outline including material selection.
- c. Three (3) copies of the updated preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Review and comments on Preliminary Design.

Task 4 – Permitting

Once the proposed alignment and Preliminary Design have been approved by the Client, the Consultant will complete the following tasks:

1. Meet with TxDOT Utility division to determine permit requirements.
2. Prepare the TxDOT Utility permit application for the Client's signature.

Meetings:

- a. Meet with Client and TxDOT.
- b. Meet with Gas/Oil Company to determine permit requirements, if any.

Deliverables:

- a. TxDOT Utility permit application and the Preliminary Construction Plans.

Services/Deliverables provided by the Client:

- a. Sign TxDOT Utility permit application.

Task 5 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved by the Client:

1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 45-50 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Plan and Profile Sheets
 - Storm Water Pollution Prevention Plan
 - Traffic Control Sheets
 - Details
2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.
3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
4. Make revisions based on the Client's review comments.
5. Submit final plans to the following regulatory agencies for review:

- a. TCEQ
 - b. TWDB
6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:
 - 1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 - 1. TCEQ
 - 2. TWDB
 - 3. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittal.

Task 6 – Bidding

The Consultant will perform the following professional services for this project phase:

- 1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
- 2. Provide plans and specifications in .PDF format to CivCast website for online bidding.
- 3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.
- 4. Issue addenda as required.
- 5. Answer contractor questions.
- 6. Prepare for and conduct a Pre-bid conference.

7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 7 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the 16-inch waterline is 8 months.
2. Visit the site during critical phases of the project such as highway bore, connection to existing water mains.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- b. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

Knox Avenue 1.5 MG Elevated Storage Tank**Task 1- Preliminary Design**

1. Attend a kick-off meeting with the Client to develop criteria for site selection and design parameters.
2. Prepare an 11"x17" exhibit and letter report identifying up to three (3) proposed locations for the proposed tank site. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate tank diameter, property information obtained from the Ector Appraisal District, zoning information and land use information for each site.
 - b. Letter Report – advantages and disadvantages of each site based on the site selection criteria developed during the kick-off meeting.
3. Collect data on existing utilities, property owners, and infrastructure for the proposed tank site(s). Consultant will coordinate with the following:
 - a. Client Staff

- b. Federal Aviation Administration (FAA)
 - c. TCEQ
 - d. TWDB
 - e. Franchise utilities (gas, phone, electric, cable)
- 4. Meet with Client and present recommendation for a proposed tank site.
- 5. Once a proposed tank site has been selected, the Consultant will perform a horizontal and vertical survey of the proposed site to locate visible topographic features, existing utilities contained within and adjacent to the site and property information such as iron pins, easements, etc.
- 6. Establish horizontal and vertical control points at the proposed tank site.
- 7. Perform a geotechnical analysis of the site utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding foundation design parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including one (1) sample bore.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions as well as recommendations for foundations, floor slab and earthwork.
- 8. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
- 9. Perform preliminary electrical engineering services for the proposed water tank including:
 - a. Path study for SCADA
 - b. Chlorine residual monitoring
 - c. Motorized control valves
 - d. Accommodation for future antenna installation per Client lease agreements
- 10. Prepare a preliminary site civil layout including:
 - a. Grading
 - b. Drainage
 - c. Paving
 - d. Yard piping (plan view only)

- e. Accommodations for future antenna space lease agreement occupants
- f. Tank location

Meetings:

- a. Prepare for and conduct a kick-off meeting with Client.
- b. Present recommended tank site.
- c. Present preliminary site civil layout, letter report and preliminary OPCC.

Deliverables:

- a. Ten (10) copies of 11"x17" exhibit and letter report for recommended tank site(s).
- b. Ten (10) copies of preliminary OPCC.
- c. Ten (10) copies of preliminary site civil layout.
- d. Two (2) copies of Geotechnical report.

Services/Deliverables provided by the Client:

- a. Select and acquire a site.
- b. Review and comment on the preliminary submittals.

Task 2 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved and a site acquired by the Client:

1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 40-45 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Site plans
 - Profiles
 - Grading
 - Erosion Control
 - Landscaping
 - Details
 - Mechanical sheets
 - General notes
 - Equipment layout
 - Sections
 - Details
 - Electrical sheets
 - General Notes
 - Site plan
 - Floor plan
 - Site lighting

- Control and Instrumentation
 - Details
 - Plumbing sheets
 - Onsite sanitary sewer
- 2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.
- 3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
- 4. Make revisions based on the Client's review comments.
- 5. Submit final plans to the following regulatory agencies for review:
 - a. City of Odessa
 - b. TCEQ
 - c. TWDB
 - d. TDLR
- 6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:
 - 1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 - 1. TCEQ
 - 2. TWDB
 - 3. TDLR
 - 4. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittal.

Task 3 – Bidding

The Consultant will perform the following professional services for this project phase:

1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
2. Provide plans and specifications in .PDF format to CivCast website for online bidding.
3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.
4. Issue addenda as required.
5. Answer contractor questions.
6. Prepare for and conduct a Pre-bid conference.
7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 4 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the elevated storage tank is 24 months.
2. Visit the site during critical phases of the project such as: foundation preparation of tank, beginning of pedestal construction, bowl raising, control and instrumentation installation.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- b. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

Tripp Avenue 16-inch Transmission Line To Tripp Avenue Elevated Storage Tank***Task 1- Routing and Alignment***

The Routing/Alignment tasks will be performed along Tripp Avenue from the proposed 42nd Street Pump Station to the proposed Tripp Avenue Elevated Storage Tank. The route will be approximately 18,000 LF.

Professional services under this task will include:

1. Attend a kick-off meeting with the Client to develop criteria for route selection and design parameters.
2. Evaluate one (1) route along Tripp Avenue from the 42nd Street Pump Station to the Knox Avenue 1.5 MG Elevated Storage Tank.
3. Collect data on existing utilities, property owners, and infrastructure along the proposed water line route. The Consultant will coordinate with the following:
 - a. Client Staff
 - b. Franchise utilities (gas, phone, electric, cable)
 - c. Ector County
 - d. Texas Department of Transportation (TxDOT)
4. Provide 11"x17" exhibit and Letter Report summarizing the evaluation of the proposed alignment for the water line. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate water line alignment, property information obtained from the Ector County Appraisal District, zoning information and land use information for each alignment.
 - b. Letter Report – advantages and disadvantages of each alignment based on the route selection criteria developed during the kick-off meeting.
5. Provide information on permitting requirements for TxDOT. Permitting will be provided as part of the Final Design Phase services.
6. Provide recommendations for temporary and permanent easements to be acquired.
7. Prepare preliminary OPCC.

Meetings:

- a. Prepare for and conduct a kick-off meeting with Client.
- b. Present letter report, recommended alignments and preliminary OPCC.
- c. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Ten (10) copies of the Letter Report with findings of the Routing and Alignment Study.
- b. Ten (10) copies of the 11"x17" Exhibit showing preliminary alignment and proposed easement acquisition locations.
- c. Ten (10) copies of the preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Select a route.
- b. Provide comments on Letter Report.

Task 2- Preparation of easement descriptions

Professional services under this task will include:

1. Preparation of a right-of-way (ROW) map identifying property owners and easement locations for the entire alignment.
2. Assist Client and Client's property acquisition consultant by providing technical information on water line alignments for no more than five (5) parcels. Information on additional parcels will be considered Additional Services.
3. Prepare up to five (5) easement documents for execution by Client and property owner.

Meetings:

- a. Attend two (2) meetings with Client to discuss easement acquisition issues.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Five (5) copies of ROW maps.
- b. Two (2) originals of easement documents (temporary and permanent).

Services/Deliverables provided by the Client:

- a. Acquisition of easements including appraisals and title searches.
- b. Execution and Filing of easement documents.
- c. Payment of easement acquisition cost to property owner(s).

Task 3- Preliminary Design

Once the proposed alignment has been approved and easements acquired by the Client, Consultant will proceed with the Preliminary Design and preliminary plans and specifications.

Professional services under this task include:

1. Coordination with utilities and ROW holders

- a. Client Staff
 - b. Ector County
 - c. Franchise utilities (gas, phone, electric, cable)
 - d. TxDOT
2. Perform a design level survey. The survey will include the following:
 - a. Width of easement or R.O.W. not to exceed 50 feet.
 - b. Locate visible topographic features such as marked existing utilities and their appurtenances, 6-inch diameter trees and larger, iron pins (if found), edge of pavement, fences.
 - c. Establish control points along the route.
 3. Perform a geotechnical analysis of the proposed alignment utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding embedment and backfill parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including up to four (4) sample bores at various locations along the proposed route.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions for proposed horizontal boring locations.
 4. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
 5. Evaluate up to three (3) pipe materials for the 16-inch water line.
 6. Update Preliminary OPCC based on Preliminary Design.
 7. Preparation of Preliminary Plans (plan view only).
 8. Preparation of Specification Outline.

Meetings:

- a. Present preliminary plans and specification outline.
- b. Prepare for and attend one (1) Board meeting.

Deliverables:

- a. Three (3) copies of the Preliminary Construction Plans (plan view only).
- b. Three (3) copies of the Specification Outline including material selection.
- c. Three (3) copies of the updated preliminary OPCC.

Services/Deliverables provided by the Client:

- a. Review and comments on Preliminary Design.

Task 4 – Permitting

Once the proposed alignment and Preliminary Design have been approved by the Client, the Consultant will complete the following tasks:

1. Meet with TxDOT Utility division to determine permit requirements.
2. Prepare the TxDOT Utility permit application for the Client's signature.

Meetings:

- a. Meet with Client and TxDOT.
- b. Meet with Gas/Oil Company to determine permit requirements, if any.

Deliverables:

- c. TxDOT Utility permit application and the Preliminary Construction Plans.

Services/Deliverables provided by the Client:

- a. Sign TxDOT Utility permit application.

Task 5 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved by the Client:

1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 50-55 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Plan and Profile Sheets
 - Storm Water Pollution Prevention Plan
 - Traffic Control Sheets
 - Details
2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.

3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
4. Make revisions based on the Client's review comments.
5. Submit final plans to the following regulatory agencies for review:
 - a. TCEQ
 - b. TWDB
6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:
 1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
 2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
 3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
 4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 1. TCEQ
 2. TWDB
 3. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittal.

Task 6 – Bidding

The Consultant will perform the following professional services for this project phase:

1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
2. Provide plans and specifications in .PDF format to CivCast website for online bidding.
3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.

4. Issue addenda as required.
5. Answer contractor questions.
6. Prepare for and conduct a Pre-bid conference.
7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 7 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the 16-inch waterline is 10 months.
2. Visit the site during critical phases of the project such as highway bore, connection to existing water mains.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- b. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

Tripp Avenue 1.0 MG Elevated Storage Tank**Task 1- Preliminary Design**

1. Attend a kick-off meeting with the Client to develop criteria for site selection and design parameters.
2. Prepare an 11"x17" exhibit and letter report identifying up to three (3) proposed locations for the proposed tank site. The exhibit and letter report will include the following:
 - a. Exhibit - aerial photograph showing the approximate tank diameter, property information obtained from the Ector Appraisal District, zoning information and land use information for each site.
 - b. Letter Report – advantages and disadvantages of each site based on the site selection criteria developed during the kick-off meeting.

3. Collect data on existing utilities, property owners, and infrastructure for the proposed tank site(s). Consultant will coordinate with the following:
 - a. Client Staff
 - b. Federal Aviation Administration (FAA)
 - c. TCEQ
 - d. TWDB
 - e. Franchise utilities (gas, phone, electric, cable)
4. Meet with Client and present recommendation for a proposed tank site.
5. Once a proposed tank site has been selected, the Consultant will perform a horizontal and vertical survey of the proposed site to locate visible topographic features, existing utilities contained within and adjacent to the site and property information such as iron pins, easements, etc.
6. Establish horizontal and vertical control points at the proposed tank site.
7. Perform a geotechnical analysis of the site utilizing a qualified geotechnical laboratory to determine subsurface conditions and make recommendations regarding foundation design parameters. The geotechnical analysis will include the following:
 - a. Subsurface exploration including one (1) sample bore.
 - b. Laboratory tests for classification purposes and strength characteristics.
 - c. Engineering services that address soil and groundwater conditions as well as recommendations for foundations, floor slab and earthwork.
8. Prepare a geotechnical report that presents the results of the field and laboratory data as well as analyses and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
9. Perform preliminary electrical engineering services for the proposed water tank including:
 - a. Path study for SCADA
 - b. Chlorine residual monitoring
 - c. Motorized control valves
 - d. Accommodation for future antenna installation per Client lease agreements
10. Prepare a preliminary site civil layout including:
 - a. Grading
 - b. Drainage

- c. Paving
 - d. Yard piping (plan view only)
 - e. Accommodations for future antenna space lease agreement occupants
 - f. Tank location
11. Evaluate up to three (3) tank types and prepare a preliminary Opinion of Probable Construction Cost (OPCC) for each.

Meetings:

- a. Prepare for and conduct a kick-off meeting with Client.
- b. Present recommended tank site.
- c. Present preliminary site civil layout, letter report and preliminary OPCC.

Deliverables:

- a. Ten (10) copies of 11"x17" exhibit and letter report for recommended tank site(s).
- b. Ten (10) copies of preliminary OPCC.
- c. Ten (10) copies of preliminary site civil layout.
- d. Two (2) copies of Geotechnical report.

Task 2 - Final Design Services

The Consultant will perform the following professional services for this project phase, once the preliminary design has been approved and a site acquired by the Client:

- 1. Prepare engineering plan sheets, specifications and construction Contract Documents for project bidding and regulatory approval. Plans will consist of 22" x 34" plan sheets. The Consultant anticipates preparing approximately 40-45 plan sheets. The Consultant will provide the following information on the plan sheets:
 - Civil sheets
 - General Notes
 - Site plans
 - Profiles
 - Grading
 - Erosion Control
 - Landscaping
 - Details
 - Mechanical sheets
 - General notes
 - Equipment layout
 - Sections
 - Details
 - Electrical sheets
 - General Notes
 - Site plan

- Floor plan
 - Site lighting
 - Control and Instrumentation
 - Details
 - Plumbing sheets
 - Onsite sanitary sewer
- 2. Prepare contract documents including technical specifications for materials and installation of the proposed improvements. The Contract Documents will be based upon the Engineers Joint Contract Documents Committee (EJCDC) documents. The Client's requirements for Public Works Construction will govern all other specifications.
- 3. Submit to the Client 30%, 60% and 90% plans, specifications, contract documents, and OPCC for review and comments.
- 4. Make revisions based on the Client's review comments.
- 5. Submit final plans to the following regulatory agencies for review:
 - a. TCEQ
 - b. TWDB
 - c. TDLR
- 6. Submit to the Client final bidding documents for the project.

Meetings:

- a. Meet with Client one time to present 30%, 60%, 90% and Final complete plans, specifications, contract documents and an OPCC for each phase of the project.
- b. Prepare for and attend one (1) Board meeting for each submittal phase.

Deliverables:

- a. Ten (10) copies of:
 - 1. 30% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 2. 60% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 3. 90% complete plans, specifications, contract documents and an OPCC for review and comment.
 - 4. Final complete plans, specifications, contract documents and an OPCC for review and comment.
- b. Two (2) copies of final plans for regulatory approval.
 - 1. TCEQ
 - 2. TWDB
 - 3. TDLR
 - 4. Electronic files of contract documents in .PDF format.

Services/Deliverables provided by the Client:

- a. Review and comment on the 30%, 60%, 90% submittal.

Task 3 – Bidding

The Consultant will perform the following professional services for this project phase:

1. Print a maximum of 10 full size (22"x34") sets of plans and specifications for the Client. Additional sets of bidding documents shall be printed, only upon the Client's authorization, as Additional Services.
2. Provide plans and specifications in .PDF format to CivCast website for online bidding.
3. Prepare the Notice to Bidders. The Client will be responsible for submitting the Notice to newspapers for advertisement. Advertising will be billed directly to the Client by the newspaper.
4. Issue addenda as required.
5. Answer contractor questions.
6. Prepare for and conduct a Pre-bid conference.
7. Attend bid opening, prepare a tabulation of bids, and prepare a letter summarizing the bids to the Client for award of contract.
8. Prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution.

Task 4 – Construction Contract Administration

The Consultant will perform the tasks identified in the Construction Contract Administration section of the Scope of Services for this phase of the project. Additional tasks that will be performed that are specific to this phase of the project are:

1. Visit the site monthly and conduct progress meetings with the contractor and RPR during the course of the project. The estimated construction period of the elevated storage tank is 24 months.
2. Visit the site during critical phases of the project such as: foundation preparation of tank, beginning of pedestal construction, bowl raising, control and instrumentation installation.

Meetings:

- a. Meet with Client and Contractor monthly.

Deliverables:

- b. Monthly progress reports

Services/Deliverables provided by the Client:

- a. Attend monthly progress meetings

Environmental Assessment Services**Environmental Assessment (EA)**

The Consultant will provide the following services in order to prepare an Environmental Assessment in accordance Texas Administrative Code 371 for in the Drinking Water State Revolving Fund. The EA preparation tasks will be performed for the following projects and include:

- 42nd Street Pump Station Phase 1
 - 42nd Street 30-inch Transmission Line
 - 42nd Street 24-inch Transmission Line
 - Knox Avenue 16-inch Water Line (South)
 - Knox Avenue 1.5 MG Elevated Storage Tank
 - Tripp Avenue 16-inch Transmission Line to Tripp Avenue Tank
1. General Information – including but not limited to a project description and a purpose and need statement.
 2. Discussion of Affected Environment – including but not limited to: geology, hydrology, biology, archeology, socioeconomics, land use, Phase I Site Assessment and discussion of the future environment without the project.
 3. Alternatives Analysis – discuss the exploration of several alternatives including but not limited to monetary and environmental factors.
 4. Environmental Impacts – including but not limited to; direct and indirect impacts on socioeconomic and environmental resources of the affected area, including reduction of impacts and mitigation of impacts.
 5. Adverse Impacts - a description of the potential adverse impacts which cannot be avoided should the project be implemented.
 6. Short-term and Long-term Effects - a description of the extent to which the project may involve tradeoffs between short term environmental losses and long term gains or vice versa.
 7. Public Participation – at a minimum, make the draft EA available to the local community for a minimum of 30-days.
 8. Agency Consultation - summary of comments obtained from required coordination with appropriate regulatory or review agencies and documentation of required coordination with appropriate regulatory or review agencies.
 9. Historical and Archeological Resources – consult with archeological staff of the TWDB and provide maps showing the location of all proposed project elements. The TWDB will in turn initiate consultation with the Texas Historical Commission (THC) about the scope of any archeological survey that may be required. It is currently anticipated that the following services will be required in order to receive clearance from the THC. If additional field work, surveys or reports are required beyond what is listed below, they would be considered Additional Services.

- a. Perform a project area drive-by and photograph and inspect the existing field conditions.
 - b. Check records at the Texas Archeological Research Laboratory and our other normal databases.
 - c. No formal fieldwork or preparation of an Antiquities permit is anticipated at this time in order to receive THC clearance. If required, both would be considered Additional Services.
10. Phase 1 Environmental Site Assessment (ESA) - The ESA will be performed in accordance with American Society for Testing and Materials (ASTM) Standard E 1527-05 and will meet the requirements for an "all appropriate inquiry" as required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for establishment of liability and defense limitations.
- a. Agency Review/Historical Review
 - i. Investigate past land uses through review of U. S. Geologic Survey (USGS) topographic maps, historical aerial photographs, Sanborn maps (if available), Chain of Title or other documentation of ownership (if provided by the Client), or other reasonably available historical documents.
 - ii. Review available state and federal databases pertaining to known or suspected sources of contamination and registered underground storage tanks on the property and in the vicinity of the property. A commercial database research company will be used to facilitate a thorough and timely database search.
 - iii. Obtain additional information or conduct interviews as necessary and appropriate with present and past owners and operators of the property, neighbors, local municipalities, and utilities. Such inquiries may be modified to fit site-specific circumstances.
 - iv. Review any other relevant information provided by others regarding environmental permits, violations, and correspondence with environmental agencies.
 - v. This proposed Scope of Services does not include a title search or independent research of the ownership history; however, Consultant will rely on documentation or verbal property ownership history provided by the Client.
 - b. Site Reconnaissance
 - i. Conduct a site reconnaissance of the subject property and the surrounding area to verify information obtained from public records, maps, etc., and to determine likely drainage pathways and environmental and human receptors.
 - ii. Perform a complete tour of the property to document:
 - 1) Any areas that appear to have been used for material handling or disposal.
 - 2) General property condition and apparent uses.
 - 3) Existence and condition of any structures on the property.
 - 4) Storm water flow direction and apparent run-on and runoff points.

- 5) Evidence of sumps, storage tanks, or other devices that collect or hold potentially hazardous materials.
 - 6) Indications of adverse environmental impact (e.g., stains, stressed vegetation).
 - 7) Activities on adjacent properties that might potentially affect the subject property.
 - 8) Any sensitive or unique environmental features.
- c. Data Analysis and Reporting – the Phase 1 ESA report will include:
- i. Area maps, historic aerial photographs, photographs taken during the site reconnaissance, the environmental records search results, and copies of any additional documents relevant to the ESA (e.g., available title information and property descriptions, documents from public utilities and local municipalities, site plans).
 - ii. Narrative description of the property, facility, and surrounding area; observations from the site reconnaissance; results of interviews; discussion of the environmental records review and any information obtained from local sources; identification of potential areas of concern; and conclusions and recommendations.

Meetings:

- b. Meet with Client to review ESA.

Deliverables:

- c. ESA Report

Services/Deliverables provided by the Client:

- d. Attend review meeting.

TWDB Coordination and Project Management***Task 1 – Loan Application***

- 1. Consultant will coordinate with Texas Water Development Board staff on behalf of the Client to prepare the engineering related portion of the loan application

Task 2 – Project Management

- 2. Project communication Plan
 - a. Consultant will prepare for and conduct monthly progress meetings to monitor the development of the project. 12 total meetings anticipated.
 - b. Coordinate with TWDB staff subconsultants and client as needed
 - c. Prepare and email monthly progress reports to the project stakeholders
- 3. Develop project production plan

- a. Document design criteria agreed upon by the client at the project kick-off meeting
 - b. Develop project schedule and interim milestones.
 - c. Coordinate milestones with QC/QA reviewer, distribute plans and collect comments from the QC/QA reviewer
4. Electronic File setup
- a. Establish working base files and distribute to project team (subconsultants)
5. Project Administration
- a. Prepare project correspondence and invoicing documents

Meetings:

- a. 12 monthly progress meetings

Deliverables:

- a. Monthly progress reports
- b. Monthly project schedule updates

Service/Deliverables provided by Client:

- a. Attend monthly progress meetings

Construction Contract Administration

Consultant will provide professional construction phase services for construction of the proposed project, for the purpose of providing assistance to Client during construction.

1. Construction Contract Execution
 - a. Consultant will prepare six (6) sets of the contract documents for execution by the contractor, receive and review such documents for completeness, and forward to the Client for review and execution
2. Conformance Plans
 - a. The Consultant will prepare ten (10) sets of conformed plans for distribution to the Client and the Contractor
3. Consultant shall perform the following Construction Phase Services:
 - a. Pre-Construction Conference. Consultant will prepare for and attend a Pre-Construction Conference prior to commencement of Work at the Site
 - b. Visits to Site and Observation of Construction. Consultant will provide the following services throughout construction. The construction period for each project is identified in the construction contract administration task for the project.

- i. Consultant of Record
- ii. Resident Project Representative (RPR)
- c. Consultant. Consultant's role as Consultant will include providing on-site construction observation services during the construction phase. Consultant will make visits at intervals as directed by Client in order to observe the progress of the Work. It is anticipated that the Consultant will attend one progress meeting and visit the site for observation at that time, once a month for a period of 24 months. Additional site visits will be considered additional services. Such visits and observations by Consultant are not intended to be exhaustive or to extend to every aspect of Contractor's work in progress. Observations are to be limited to spot checking, selective measurement, and similar methods of general observation of the Work based on Consultant's exercise of professional judgment. Based on information obtained during such visits and such observations, Consultant will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Documents, and Consultant will keep Client informed of the general progress of the Work
- d. Resident Project Representative. Consultant's role as Resident Project Representative will include furnishing a Resident Project Representative ("RPR") to assist Consultant in observing progress and quality of the Work
 - i. The duties and responsibilities of the RPR are limited to those of Consultant in the Agreement with the Client and in the Contract Documents, and are further limited and described as follows:
 - 1) General
 - a) RPR is Consultant's agent at the Site, will act as directed by and under the supervision of Consultant, and will confer with Consultant regarding RPR's actions
 - b) RPR's dealings in matters pertaining to a Contractor's work in progress shall in general be with Consultant and Contractor, keeping Client advised as necessary
 - c) RPR's dealings with subcontractors shall only be through or with the full knowledge and approval of Contractor
 - d) RPR shall generally communicate with Client with the knowledge of and under the direction of Consultant
 - 2) Schedules
 - a) Review the progress schedule, schedule of Shop Drawing and submittals, and any other schedules prepared by Contractor and consult with Consultant concerning acceptability
 - 3) Conferences and Meetings
 - a) Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof

4) Liaison

- a) Serve as Consultant's liaison with Contractor, working principally through Contractor's superintendent, and assist in providing information regarding the intent of the Contract Documents
- b) Assist Consultant in serving as Client's liaison with Contractor when Contractor's operations affect Client's on-site operations
- c) Assist in obtaining from Client additional details or information, when required for proper execution of the Work

5) Interpretation of Contract Documents

- a) Report to Consultant when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Consultant

6) Shop Drawings and Submittals

- a) Maintain Shop Drawing and Submittal Record log
- b) Advise Consultant and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or submittal for which RPR believes that the submittal has not been approved by Consultant

7) Modifications.

- a) Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR's recommendations, to Consultant. Transmit to Contractor in writing decisions as issued by Consultant

8) Review of Work and Rejection of Defective Work

- a) Conduct on-Site observations of Contractor's work in progress to assist Consultant in determining if the Work is in general proceeding in accordance with the Contract Documents
- b) Report to Consultant whenever RPR believes that any part of Contractor's work in progress will not produce a completed project that conforms generally to the Contract Documents or will imperil the integrity of the design concept of the completed Specific Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Consultant of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval

9) Inspections, Tests, and System Start-ups

- a) Consult with Consultant in advance of scheduled major inspections, tests, and systems start-ups of important phases of the Work
- b) Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Client's personnel, and that Contractor maintains adequate records thereof
- c) Observe, record, and report to Consultant appropriate details relative to the test procedures and systems start-ups
- d) Accompany visiting inspectors representing public or other agencies having jurisdiction over a Specific Project, record the results of these inspections, and report to Consultant

10) Records

- a) Maintain at the Site orderly files for correspondence, reports of job conferences, reproductions of original Contract Documents including all Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, Consultant's clarifications and interpretations of the Contract Documents, progress reports, Shop Drawing and submittals received from and delivered to Contractor, and other Specific Project-related documents
- b) Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, weather conditions, data relative to questions of Change Orders, Field Orders, or changed conditions, Site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Consultant
- c) Record names, addresses, fax numbers, e-mail addresses, web site locations and telephone numbers of all Contractors, subcontractors, and major suppliers of materials and equipment
- d) Maintain records for use in preparing project documentation
- e) Upon completion of the Work, furnish original set of all RPR Specific Project documentation to Consultant

11) Reports

- a) Furnish to Consultant periodic reports, as required, of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and submittals
- b) Draft and recommend to Consultant proposed Change Orders and Field Orders. Obtain backup material from Contractor
- c) Furnish to Consultant and Client copies of all inspection, test, and system startup reports

- d) Immediately notify Consultant of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, damage to property by fire or other causes, or the discovery of any Constituent of Concern

12) Payment Request

- a) Review Applications for Payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Consultant, noting particularly the relationship of the payment requested to the Work completed, and materials delivered at the Site but not incorporated in the Work

13) Certificates, Operation and Maintenance Manuals

- a) During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Specifications to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Consultant for review and forwarding to Client prior to payment for that part of the Work

14) Completion

- a) Participate in a final inspection in the company of Consultant, Client, and Contractor and prepare a final list of items to be completed and deficiencies to be remedied
- b) Observe whether all items on the final list have been completed or corrected and make recommendations to Consultant concerning acceptance and issuance of the Notice of Acceptability of the Work

15) Resident Project Representative shall not:

- a) Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items)
- b) Exceed limitations of Consultant's authority as set forth in the Agreement or the Contract Documents
- c) Undertake any of the responsibilities of a Contractor, subcontractors, suppliers, or a Contractor's superintendent
- d) Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of the Contractor's work unless such advice or directions are specifically required by the Contract Documents
- e) Advise on, issue directions regarding, or assume control over safety practices, precautions and programs in connection with the activities or operations of Client or Contractor

- f) Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Consultant
- g) Accept Shop Drawings or submittals from anyone other than Contractor
- h) Authorize Client to occupy a Specific Project in whole or in part

Through such observations of Contractor's work in progress and field checks of materials and equipment by the RPR, Consultant shall endeavor to provide Client a greater degree of confidence that the completed Work will conform in general to the Contract Documents. However, Consultant shall not, during such visits or as a result of such observations of Contractor's work in progress, supervise, direct, or have control over Contractor's work, nor shall Consultant have authority over or responsibility for the means, methods, techniques, equipment choice and usage, sequences, schedules, or procedures of construction selected by Contractor, for safety precautions and programs incident to Contractor's work, nor for any failure of Contractor to comply with laws and regulations applicable to Contractor's furnishing and performing the Work. Accordingly, Consultant neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform its work in accordance with the Contract Documents

- e. Recommendations with Respect to Defective Work. Consultant will recommend to Client that Contractor's work be disapproved and rejected while it is in progress if, on the basis of such observations, Consultant believes that such work will not produce a completed Project that conforms generally to Contract Documents
- f. Clarifications and Interpretations. Consultant will respond to reasonable and appropriate Contractor requests for information and issue necessary clarifications and interpretations of the Contract Documents to Client as appropriate to the orderly completion of Contractor's work. Any orders authorizing variations from the Contract Documents will be made by Client
- g. Change Orders. Consultant may recommend Change Orders to Client, and will review and make recommendations related to Change Orders submitted or proposed by the Contractor
- h. Shop Drawings and Submittals. Consultant will review and approve or take other appropriate action in respect to Shop Drawings and Submittals and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, sequences, schedules, or procedures of construction or to related safety precautions and programs
- i. Substitutes and "or-equal." Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor in accordance with the Contract Documents, but subject to the provisions of applicable standards of state or local government entities
- j. Disagreements between Client and Contractor. Consultant will, if requested by Client, render written decision on all claims of Client and Contractor relating to the acceptability of Contractor's work or the interpretation of the requirements of the Contract Documents pertaining to the progress of Contractor's work. In rendering such decisions, Consultant shall

be fair and not show partiality to Client or Contractor and shall not be liable in connection with any decision rendered in good faith in such capacity

- k. **Applications for Payment.** Based on its observations and on review of applications for payment and accompanying supporting documentation, Consultant will determine the amounts that Consultant recommends Contractor be paid. Such recommendations of payment will be in writing and will constitute Consultant's representation to Client, based on such observations and review, that, to the best of Consultant's knowledge, information and belief, Contractor's work has progressed to the point indicated and that such work-in-progress is generally in accordance with the Contract Documents subject to any qualifications stated in the recommendation. In the case of unit price work, Consultant's recommendations of payment will include determinations of quantities and classifications of Contractor's work, based on observations and measurements of quantities provided with pay requests

By recommending any payment, Consultant shall not thereby be deemed to have represented that its observations to check Contractor's work have been exhaustive, extended to every aspect of Contractor's work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Consultant in this Agreement. It will also not impose responsibility on Consultant to make any examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, nor to determine that title to any portion of the work in progress, materials, or equipment has passed to Client free and clear of any liens, claims, security interests, or encumbrances, nor that there may not be other matters at issue between Client and Contractor that might affect the amount that should be paid

- l. **Final Completion.** Consultant will, promptly after notice from Contractor that it considers the entire Work ready for its intended use, in company with Client and Contractor, conduct a site visit to determine if the Work is finally complete. Work will be considered finally complete following satisfactory completion of all items with the exception of those identified on a final punch list. If after considering any objections of Client, Consultant considers the Work finally complete; Consultant will notify Client and Contractor
- m. **Final Notice of Acceptability of the Work.** Consultant will conduct a site visit to determine if the final punch list is generally in accordance with the Contract Documents so that Consultant may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, Consultant shall also provide a notice that the Work is generally in accordance with the Contract Documents to the best of Consultant's knowledge, information, and belief based on the extent of its services and based upon information provided to Consultant upon which it is entitled to rely
- n. **Limitation of Responsibilities.** Consultant shall not be responsible for the acts or omissions of any Contractor, or of any of their subcontractors, suppliers, or of any other individual or entity performing or furnishing the Work. Consultant shall not have the authority or responsibility to stop the work of any Contractor
- o. **Record Drawings.** Prepare project "Record Drawings" based on information provided by the Contractor as to the actual field placement of the work including any changes or deletions. Consultant is not responsible for the accuracy of the information provided by others. Consultant will provide the following deliverables:
- One (1) 22"x34" set of black line Record Drawings

- One (1) set of .PDF file Record Drawings

ADDITIONAL SERVICES

Any services not specifically provided for in the above scope will be billed as additional services and performed at our then current hourly rates.

- Professional services related to property and easement acquisition
- Preparation of Title Policies and Assisting in Condemnation Services during property acquisition.
- Attendance at Public Meetings beyond those specifically included in the Scope of Services referenced above.
- Construction Staking
- Making significant modifications to the plans and specifications after the preliminary submittals have been approved by the Client
- Any additional changes to the Contract Documents necessary to break the project into phases.
- Establish new survey monuments for any of the proposed sites
- Sampling, testing, or analysis beyond that specifically included in the Scope of Services referenced above
- Providing professional services associated with the discovery of any hazardous waste or materials in the project route
- Assisting Client in the defense or prosecution of litigation in connection with or in addition to those services contemplated by this Agreement. Such services, if any, will be furnished by Consultant on a fee basis negotiated by the respective parties outside of and in addition to this Agreement
- Appearing before regulatory agencies or courts as an expert witness in any litigation with third parties or condemnation proceedings arising from the development or construction of the Project, including the preparation of engineering data and reports for assistance to the Client.
- Any services not listed in the Scope of Services
- Field work, surveys or reports related to Historical, Archeological, or Antiquities permitting beyond those specifically included in the Scope of Services referenced above

SCHEDULE

We will provide our services as expeditiously as practical.

FEE AND EXPENSES

Kimley-Horn will perform the services for each project for the total lump sum fee below. Individual task amounts for each project are informational only. All permitting, application, and similar project fees will be paid directly by the Client.

42nd Street Pump Station Phase 1

Task 1 – Preliminary Design	\$	439,200.00
Task 2 – Final Design Services	\$	552,500.00
Task 3 – Bidding	\$	17,000.00
Task 4 – Construction Contract Administration	\$	400,800.00
Subtotal	\$	1,409,400.00

42nd Street 30-inch Transmission Line

Task 1 – Routing and Alignment	\$	92,900.00
Task 2 – Preparation of easement descriptions	\$	10,900.00
Task 3 – Preliminary Design	\$	139,500.00
Task 4 – Permitting	\$	21,700.00
Task 5 – Final Design Services	\$	161,200.00
Task 6 – Bidding	\$	10,900.00
Task 7 – Construction Contract Administration	\$	208,000.00
Subtotal	\$	644,700.00

42nd Street 24-inch Transmission Line

Task 1 – Routing and Alignment	\$	45,800.00
Task 2 – Preparation of easement descriptions	\$	5,000.00
Task 3 – Preliminary Design	\$	68,900.00
Task 4 – Permitting	\$	9,900.00
Task 5 – Final Design Services	\$	78,800.00
Task 6 – Bidding	\$	5,000.00
Task 7 – Construction Contract Administration	\$	196,200.00
Subtotal	\$	409,300.00

Knox Avenue 16-inch Water Line (South)

Task 1 – Routing and Alignment	\$	72,400.00
Task 2 – Preparation of easement descriptions	\$	8,300.00
Task 3 – Preliminary Design	\$	108,900.00
Task 4 – Permitting	\$	16,600.00
Task 5 – Final Design Services	\$	125,400.00
Task 6 – Bidding	\$	8,300.00
Task 7 – Construction Contract Administration	\$	202,900.00
Subtotal	\$	542,400.00

Knox Avenue 1.5 MG Elevated Storage Tank

Task 1 – Preliminary Design	\$	100,800.00
Task 2 – Final Design Services	\$	88,100.00
Task 3 – Bidding	\$	8,500.00
Task 4 – Construction Contract Administration	\$	272,100.00
Subtotal	\$	469,400.00

Tripp Avenue 16-inch Transmission Line to Tripp Avenue Elevated Storage Tank

Task 1 – Routing and Alignment	\$	77,000.00
Task 2 – Preparation of easement descriptions	\$	8,900.00
Task 3 – Preliminary Design	\$	115,800.00
Task 4 – Permitting	\$	17,700.00
Task 5 – Final Design Services	\$	133,500.00
Task 6 – Bidding	\$	8,900.00
Task 7 – Construction Contract Administration	\$	204,00.00
Subtotal	\$	565,500.00

Tripp Avenue 1.0 MG Elevated Storage Tank

Task 1 – Preliminary Design	\$	101,400.00
Task 2 – Final Design Services	\$	88,700.00
Task 3 – Bidding	\$	8,500.00
Task 4 – Construction Contract Administration	\$	272,100.00
Subtotal	\$	470,500.00

Environmental Assessment Services \$ 55,000.00

TWDB Coordination and Project Management\$ 31,300.00

Total Lump Sum Fee \$ 4,597,500.00

Lump sum fees will be invoiced monthly based upon the overall percentage of services performed. Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn project number.

CLOSURE

In addition to the matters set forth herein, our Agreement shall include and be subject to, and only to, the attached Standard Provisions, which are incorporated by reference. As used in the Standard Provisions, "Consultant" shall refer to Kimley-Horn and Associates, Inc., and "Client" shall refer to Ector County Utility District.

Kimley-Horn, in an effort to expedite invoices and reduce paper waste, submits invoices via email in an Adobe PDF format. We can also provide a paper copy via regular mail if requested. Please include the invoice number and Kimley-Horn project number with all payments. Please provide the following information:

Please email all invoices to: ecud6570@yahoo.com

Please copy: 1039 N. Moss Ave., Odessa, TX 79763

If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy, and return the other to us. We will commence services only after we have received a fully-executed agreement. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

To ensure proper set up of your projects so that we can get started, please complete and return with the signed copy of this Agreement the attached Request for Information. Failure to supply this information could result in delay in starting work on your project.

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.



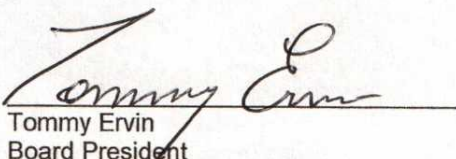
By: John R. Atkins, P.E.
Project Manager

ACCEPTED:

ECTOR COUNTY UTILITY DISTRICT

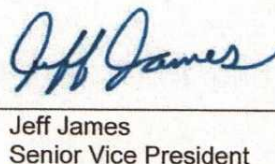
KIMLEY-HORN AND ASSOCIATES, INC.

BY:



Tommy Ervin
Board President

BY:



Jeff James
Senior Vice President

DATE:

9/28/2018

DATE:

9/27/2018

KIMLEY-HORN AND ASSOCIATES, INC.
STANDARD PROVISIONS

(1) **Consultant's Scope of Services and Additional Services.** The Consultant will perform only the services specifically described in this Agreement. If requested by the Client and agreed to by the Consultant, the Consultant will perform Additional Services, which shall be governed by these provisions. Unless otherwise agreed to in writing, the Client shall pay the Consultant for any Additional Services an amount based upon the Consultant's then-current hourly rates plus an amount to cover certain direct expenses including telecommunications, in-house reproduction, postage, supplies, project related computer time, and local mileage. Other direct expenses will be billed at 1.15 times cost.

(2) **Client's Responsibilities.** In addition to other responsibilities herein or imposed by law, the Client shall:

- (a) Designate in writing a person to act as its representative, such person having complete authority to transmit instructions, receive information, and make or interpret the Client's decisions.
- (b) Provide all information and criteria as to the Client's requirements, objectives, and expectations for the project and all standards of development, design, or construction.
- (c) Provide the Consultant all available studies, plans, or other documents pertaining to the project, such as surveys, engineering data, environmental information, etc., all of which the Consultant may rely upon.
- (d) Arrange for access to the site and other property as required for the Consultant to provide its services.
- (e) Review all documents or reports presented by the Consultant and communicate decisions pertaining thereto within a reasonable time so as not to delay the Consultant.
- (f) Furnish approvals and permits from governmental authorities having jurisdiction over the project and approvals and consents from other parties as may be necessary.
- (g) Obtain any independent accounting, legal, insurance, cost estimating and feasibility services required by Client.
- (h) Give prompt written notice to the Consultant whenever the Client becomes aware of any development that affects the Consultant's services or any defect or noncompliance in any aspect of the project.

(3) **Period of Services.** Unless otherwise stated herein, the Consultant will begin work after receipt of a properly executed copy of this Agreement. This Agreement assumes conditions permitting continuous and orderly progress through completion of the services. Times for performance shall be extended as necessary for delays or suspensions due to circumstances that the Consultant does not control. If such delay or suspension extends for more than six months, Consultant's compensation shall be renegotiated.

(4) **Method of Payment.** Client shall pay Consultant as follows:

- (a) Invoices will be submitted periodically for services performed and expenses incurred. Payment of each invoice will be due within 25 days of receipt. The Client shall also pay any applicable sales tax. All retainers will be held by the Consultant and applied against the final invoice. Interest will be added to accounts not paid within 25 days at the rate of 12% per year beginning on the 25th day. If the Client fails to make any payment due under this or any other agreement within 30 days after the Consultant's transmittal of its invoice, the Consultant may, after giving notice to the Client, suspend services and withhold deliverables until all amounts due are paid.
- (b) If the Client relies on payment or proceeds from a third party to pay Consultant and Client does not pay Consultant's invoice within 60 days of receipt, Consultant may communicate directly with such third party to secure payment.
- (c) If the Client objects to an invoice, it must advise the Consultant in writing giving its reasons within 14 days of receipt of the invoice or the Client's objections will be waived, and the invoice shall conclusively be deemed due and owing. If the Client objects to only a portion of the invoice, payment for all other portions remains due within 25 days of receipt.
- (d) If the Consultant initiates legal proceedings to collect payment, it may recover, in addition to all amounts due, its reasonable attorneys' fees, reasonable experts' fees, and other expenses related to the proceedings. Such expenses shall include the cost, at the Consultant's normal hourly billing rates, of the time devoted to such proceedings by its employees.
- (e) The Client agrees that the payment to the Consultant is not subject to any contingency or condition. The Consultant may negotiate payment of any check tendered by the Client, even if the words "in full satisfaction" or words intended to have similar effect appear on the check without such negotiation being an accord and satisfaction of any disputed debt and without prejudicing any right of the Consultant to collect additional amounts from the Client.

(5) **Use of Documents.** All documents and data prepared by the Consultant are related exclusively to the services described in this Agreement, and may be used only if the Client has satisfied all of its obligations under this Agreement. They are not intended or represented to be suitable for use or reuse by the Client or others on extensions of this project or on any other project. Any modifications by the Client to any of the Consultant's documents, or any reuse of the documents without written authorization by the Consultant will be at the Client's sole risk and without liability to the Consultant, and the Client shall indemnify, defend and hold the Consultant harmless from all claims, damages, losses and expenses, including but not limited to attorneys' fees, resulting therefrom. The Consultant's electronic files and source code remain the property of the Consultant and shall be provided to the Client only if expressly provided for in this Agreement. Any electronic files not containing an electronic seal are provided only for the convenience of the

Client, and use of them is at the Client's sole risk. In the case of any defects in the electronic files or any discrepancies between them and the hardcopy of the documents prepared by the Consultant, the hardcopy shall govern.

(6) **Opinions of Cost.** Because the Consultant does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to the costs of construction and materials, are made solely based on its judgment as a Consultant familiar with the industry. The Consultant cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost. If the Client wishes greater assurance as to the amount of any cost, it shall employ an independent cost estimator. Consultant's services required to bring costs within any limitation established by the Client will be paid for as Additional Services.

(7) **Termination.** The obligation to provide further services under this Agreement may be terminated by either party upon seven days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof, or upon thirty days' written notice for the convenience of the terminating party. The Consultant shall be paid for all services rendered and expenses incurred to the effective date of termination, and other reasonable expenses incurred by the Consultant as a result of such termination.

(8) **Standard of Care.** The standard of care applicable to Consultant's services will be the degree of care and skill ordinarily exercised by consultants performing the same or similar services in the same locality at the time the services are provided. No warranty, express or implied, is made or intended by the Consultant's performance of services, and it is agreed that the Consultant is not a fiduciary with respect to the Client.

(9) **LIMITATION OF LIABILITY.** IN RECOGNITION OF THE RELATIVE RISKS AND BENEFITS OF THE PROJECT TO THE CLIENT AND THE CONSULTANT, THE RISKS ARE ALLOCATED SUCH THAT, TO THE FULLEST EXTENT ALLOWED BY LAW, AND NOTWITHSTANDING ANY OTHER PROVISIONS OF THIS AGREEMENT OR THE EXISTENCE OF APPLICABLE INSURANCE COVERAGE, THAT THE TOTAL LIABILITY, IN THE AGGREGATE, OF THE CONSULTANT AND THE CONSULTANT'S OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, AND SUBCONSULTANTS TO THE CLIENT OR TO ANYONE CLAIMING BY, THROUGH OR UNDER THE CLIENT, FOR ANY AND ALL CLAIMS, LOSSES, COSTS OR DAMAGES WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATED TO THE SERVICES UNDER THIS AGREEMENT FROM ANY CAUSES, INCLUDING BUT NOT LIMITED TO, THE NEGLIGENCE, CONSULTANT ERRORS OR OMISSIONS, STRICT LIABILITY OR BREACH OF CONTRACT OR ANY WARRANTY, EXPRESS OR IMPLIED, OF THE CONSULTANT OR THE CONSULTANT'S OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, AND SUBCONSULTANTS, SHALL NOT EXCEED TWICE THE TOTAL COMPENSATION RECEIVED BY THE CONSULTANT UNDER THIS AGREEMENT OR \$50,000, WHICHEVER IS GREATER. HIGHER LIMITS OF LIABILITY MAY BE NEGOTIATED FOR ADDITIONAL FEE. THIS SECTION 9 IS INTENDED SOLELY TO LIMIT THE REMEDIES AVAILABLE TO THE CLIENT OR THOSE CLAIMING BY OR THROUGH THE CLIENT, AND NOTHING IN THIS SECTION 9 SHALL REQUIRE THE CLIENT TO INDEMNIFY THE CONSULTANT.

(10) **Mutual Waiver of Consequential Damages.** In no event shall either party be liable to the other for any consequential, incidental, punitive, or indirect damages including but not limited to loss of income or loss of profits.

(11) **Construction Costs.** Under no circumstances shall the Consultant be liable for extra costs or other consequences due to unknown conditions or related to the failure of contractors to perform work in accordance with the plans and specifications. Consultant shall have no liability whatsoever for any costs arising out of the Client's decision to obtain bids or proceed with construction before the Consultant has issued final, fully-approved plans and specifications. The Client acknowledges that all preliminary plans are subject to substantial revision until plans are fully approved and all permits obtained.

(12) **Certifications.** The Consultant shall not be required to execute certifications or third-party reliance letters that are inaccurate, that relate to facts of which the Consultant does not have actual knowledge, or that would cause the Consultant to violate applicable rules of Consultant responsibility.

(13) **Dispute Resolution.** All claims by the Client arising out of this Agreement or its breach shall be submitted first to mediation in accordance with the American Arbitration Association as a condition precedent to litigation. Any mediation or civil action by Client must be commenced within two years of the accrual of the cause of action asserted but in no event later than allowed by applicable statutes.

(14) **Hazardous Substances and Conditions.** Consultant shall not be a custodian, transporter, handler, arranger, contractor, or remediator with respect to hazardous substances and conditions. Consultant's services will be limited to analysis, recommendations, and reporting, including, when agreed to, plans and specifications for isolation, removal, or remediation. The Consultant will notify the Client of unanticipated hazardous substances or conditions of which the Consultant actually becomes aware. The Consultant may stop affected portions of its services until the hazardous

substance or condition is eliminated.

(15) Construction Phase Services.

(a) If the Consultant prepares construction documents and the Consultant is not retained to make periodic site visits, the Client assumes all responsibility for interpretation of the documents and for construction observation, and the Client waives any claims against the Consultant in any way connected thereto.

(b) The Consultant shall have no responsibility for any contractor's means, methods, techniques, equipment choice and usage, sequence, schedule, safety programs, or safety practices, nor shall Consultant have any authority or responsibility to stop or direct the work of any contractor. The Consultant's visits will be for the purpose of endeavoring to provide the Client a greater degree of confidence that the completed work of its contractors will generally conform to the construction documents prepared by the Consultant. Consultant neither guarantees the performance of contractors, nor assumes responsibility for any contractor's failure to perform its work in accordance with the contract documents.

(c) The Consultant is not responsible for any duties assigned to it in the construction contract that are not expressly provided for in this Agreement. The Client agrees that each contract with any contractor shall state that the contractor shall be solely responsible for job site safety and its means and methods; that the contractor shall indemnify the Client and the Consultant for all claims and liability arising out of job site accidents; and that the Client and the Consultant shall be made additional insureds under the contractor's general liability insurance policy.

(16) No Third-Party Beneficiaries; Assignment and Subcontracting. This Agreement gives no rights or benefits to anyone other than the Client and the Consultant, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole benefit of the Client and the Consultant. The Client shall not assign or transfer any rights under or interest in this Agreement, or any claim arising out of the performance of services by Consultant, without the written consent of the Consultant. The Consultant reserves the right to augment its staff with subconsultants as it deems appropriate due to project logistics, schedules, or market conditions. If the Consultant exercises this right, the Consultant will maintain the agreed-upon billing rates for services identified in the contract, regardless of whether the services are provided by in-house employees, contract employees, or independent subconsultants.

(17) Confidentiality. The Client consents to the use and dissemination by the Consultant of photographs of the project and to the use by the Consultant of facts, data and information obtained by the Consultant in the performance of its services. If, however, any facts, data or information are specifically identified in writing by the Client as confidential, the Consultant shall use reasonable care to maintain the confidentiality of that material.

(18) Miscellaneous Provisions. This Agreement is to be governed by the law of the State of Texas. This Agreement contains the entire and fully integrated agreement between the parties and supersedes all prior and contemporaneous negotiations, representations, agreements or understandings, whether written or oral. Except as provided in Section 1, this Agreement can be supplemented or amended only by a written document executed by both parties. Any conflicting or additional terms on any purchase order issued by the Client shall be void and are hereby expressly rejected by the Consultant. Any provision in this Agreement that is unenforceable shall be ineffective to the extent of such unenforceability without invalidating the remaining provisions. The non-enforcement of any provision by either party shall not constitute a waiver of that provision nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

Kimley-Horn and Associates, Inc.

Standard Rate Schedule

(Hourly Rate)

Support Staff	\$ 75 - \$ 115
Analyst	\$105 - \$175
Technical Support	\$70 - \$100
Senior Technical Support	\$115 - \$190
Professional	\$160 - \$210
Senior Professional I	\$180 - \$250
Senior Professional II	\$240 - \$265

Effective July 2018

A6 & A7

Counties

Ector

Identify the Applicant's total service area population:: 17,632

Funding Program(s)

Funding Programs

DWSRF: \$45,765,000

Other Funding Sources

Other Funding Sources

Funding Source	Type of Funds (Loan, Grant, etc.)	Amount (\$)	Date Applied for Funding	Anticipated or Funding Secured Date
		\$0		

Other Funding Comments:

Funding_1 N/A

Funding & Project Type

Has this project received TWDB funding for any other project phases?: N

Requesting Funding for Planning: N

Requesting Funding for Acquisition: N

Requesting Funding for Design: Y

Requesting Funding for Construction: Y

Is the project a water project?: Y

Is the project a wastewater project?: N

Is Applicant requesting funding to refinance existing debt?: N

DUNS: 117024803

Federal Awards information:

1. Did applicant receive over 80% of their revenue from Federal Awards last year?: N
2. Did applicant receive over \$25 million in Federal Awards last year?: N
3. Does the public have access to executive compensation information via SEC or IRS reports?: N

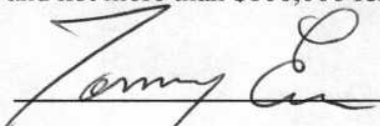
Describe procedures for collecting monthly customer bills (include procedures for collection of delinquent accounts):

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form LLL "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 United States Code (U.S.C.), Chapter 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



Head of Agency or Organization

12-17-18

Date

Tommy Ervin, President, Board of Directors

Type Name and Title

Ector County Utility District
1039 N. Moss Avenue, Odessa, Texas 79763

Name and address of Agency/Organization

FOR OFFICE USE ONLY: Commitment #

TWDB-0215
Revised 08/14/2018

TWDB-0215
APPLICANT/ENTITY
TEXAS WATER DEVELOPMENT BOARD
AFFIRMATIVE STEPS CERTIFICATION and GOALS

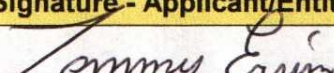
I. PROJECT INFORMATION

TWDB Project Number	Applicant/Entity Name	Total of TWDB Funding Request	Program Type (insert "X" for all that apply)	
PIF 12644/App # 947594	Ector County Utility District	\$ 47,000,000.00	<input checked="" type="checkbox"/>	Drinking Water SRF (DWSRF)
			<input type="checkbox"/>	Clean Water SRF (CWSRF)

II. GOOD FAITH EFFORT (Applicable to all PRIME contracts awarded by the applicant/entity)

I understand that it is my responsibility to comply with all state and federal regulations and guidance in the utilization of Minority and Women-Owned Businesses in procurement. I certify that I will make a good faith effort to afford opportunities for Minority Business Enterprise (MBE), and Women-Owned Business Enterprise (WBE) by:

1. Including qualified MBEs and WBEs on procurement solicitation lists
2. Soliciting potential MBE's and WBE's
3. Reducing contract size/quantities when economically feasible to permit maximum participation by MBE's and WBE's
4. Establishing delivery schedules to encourage participation by MBE's and WBE's
5. Using the services and assistance of the Small Business Administration, Minority Business Development Agency, U.S. Department of Commerce, and Texas Marketplace
6. Requiring all Prime Consultants/Contractors to follow steps 1-5 listed above in employing MBE and WBE Subcontractors

Signature - Applicant/Entity Representative	Title (print legibly)	Date
	Board President	01/29/2019

III. PROJECT PARTICIPATION ESTIMATES

The Cost Categories mentioned below are goals. These goals are neither standards nor quotas. Recipients of financial assistance are not required to meet the fair share objectives. They must, however, acknowledge that they are aware of and are actively pursuing the fair share objectives with their procurements.

Cost Category	Potential MBE Participation	Potential WBE Participation
	Goal	Goal
Construction	19.44%	9.17%
Supplies	25.34%	8.82%
Equipment	16.28%	11.45%
Services	20.41%	13.66%

The fair share goals listed above are required by 40 CFR Part 33 Subpart D and are directly negotiated with EPA Region 6. Entities receiving federal financial assistance are subject to the TWDB's goals and may not be substituted with other agency or program goals.

IV. TWDB APPROVAL SIGNATURE

Signature indicates the form meets DBE Requirements.

DBE Coordinator	Approval Date

Contractors & Loan/Grant Participation Summary

Have you already solicited contractors?: N

Have contracts already been awarded?: N

TWDB-0373 N/A

Legal Information

Cite the legal authority under which the Applicant can issue the proposed debt including the authority to make a proposed pledge of revenues.: Chapters 49 and 54, Texas Water Code

What type of pledge will be used to repay the proposed debt?: SYSTEMS_REVENUE

Provide the full legal name of the security for the proposed debt issue(s).: Ector County Utility District Water System Revenue Bonds, Series 2019

Describe the pledge being offered and any existing rate covenants.: pledge of revenues of the District's Water System. No existing debt outstanding or rate covenants.

RESOLUTION AUTHORIZING APPLICATION FOR FINANCIAL ASSISTANCE FROM THE TEXAS WATER DEVELOPMENT BOARD FOR WATER SYSTEM IMPROVEMENTS; EXPRESSING INTENT TO REIMBURSE COSTS OF THE WATER SYSTEM PROJECT SUBJECT TO THE APPLICATION; AND MAKING CERTAIN FINDINGS IN CONNECTION THEREWITH

THE STATE OF TEXAS §
COUNTY OF ECTOR §
ECTOR COUNTY UTILITY DISTRICT §

WHEREAS, the Ector County Utility District (the "District") hereby finds and determines that there is an urgent need for the construction of improvements to the District's Water System (the "System"); and

WHEREAS, such capital improvements cannot be reasonably financed unless financial assistance is obtained from the Texas Water Development Board (the "TWDB"); and

WHEREAS, the District expects to pay, or have paid on its behalf, expenditures in connection with the project described in Section 1 below (the "Project"), prior to the issuance of tax-exempt obligations or other obligations for which a prior expression of intent to finance or refinance is required by Federal or state law (collectively and individually, the "Obligations") to finance the Project; and

WHEREAS, the District finds, considers and declares that the reimbursement for the payment of such expenditures will be appropriate and consistent with the lawful objectives of the District and, as such, chooses to declare its intention to reimburse itself for such payments at such time as it issues Obligations to finance the Project; and

WHEREAS, it is hereby officially found and determined: that public notice of the time, place, and purpose of said meeting was given, all as required by Texas Government Code, Chapter 551;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ECTOR COUNTY UTILITY DISTRICT:

1. That an application is hereby approved and authorized to be filed with the TWDB seeking financial assistance in an amount not to exceed \$47,000,000 for the purposes of planning, acquiring, designing and financing properties, facilities, plants, improvements, equipment and interests in land relating to the System.
2. That the President of the Board of Directors and the Manager of the District are each hereby designated the authorized representative of the District for the purpose of furnishing such information and executing such documents as may be required in connection with the preparing and filing of such application for financial assistance and with complying with the rules of the TWDB.
3. That the following firms and individuals are hereby authorized and directed to aid and assist in the preparation and submission of such application and appear on behalf of and represent the District before any hearing held by the TWDB on such application, to-wit:

Financial Advisor

Nick Bulaich
Hilltop Securities Inc.
777 Main Street, Suite 1200
Fort Worth, Texas 76102
Phone: (817) 332-9710
Fax: (817) 336-5572
nick.bulaich@hilltopsecurities.com

Bond Counsel

Chris Settle
McCall, Parkhurst & Horton L.L.P.
 717 N. Harwood, 9th Floor
 Dallas, Texas 75201-6587
 Phone: (214) 754-9237
 Fax: (214) 754-9250
 email: csettle@mphlegal.com

Engineer

Jeff James
John Atkins
Kimley Horn
801 Cherry Street, Suite 1300, Unit 11
Fort Worth, Texas 76102
Phone: (817) 339-2259 (Jeff)
(817) 339-2272 (John)
jeff.james@kimley-horn.com
john.atkins@kimley-horn.com

and the President of the Board of Directors and the Manager of the District are hereby authorized and directed to execute contracts for services with such firms and individuals on behalf of the District.

4. That the District reasonably expects to incur debt, as one or more series of Obligations, with an aggregate principal amount not to exceed \$47,000,000 for the purpose of paying the costs of the Project.

5. That all costs to be reimbursed pursuant hereto will be capital expenditures. No tax-exempt Obligations will be issued by the District in furtherance of this Resolution after a date which is later than 18 months after the later of (1) the date the expenditures are paid or (2) the date on which the property, with respect to which such expenditures were made, is placed in service.

6. That the foregoing notwithstanding, no tax-exempt Obligation will be issued pursuant to this Resolution more than three years after the date any expenditure which is to be reimbursed is paid.

7. That this Resolution shall become effective immediately upon adoption.

SIGNED this, the 17th day of December, 2018.


President, Board of Directors


Assistant Secretary, Board of Directors



RESOLUTION AUTHORIZING APPLICATION FOR FINANCIAL ASSISTANCE FROM THE TEXAS WATER DEVELOPMENT BOARD FOR WATER SYSTEM IMPROVEMENTS; EXPRESSING INTENT TO REIMBURSE COSTS OF THE WATER SYSTEM PROJECT SUBJECT TO THE APPLICATION; AND MAKING CERTAIN FINDINGS IN CONNECTION THEREWITH

Kimberly Adams
Notary Public, State of Texas

THE STATE OF TEXAS §
COUNTY OF ECTOR §
ECTOR COUNTY UTILITY DISTRICT §

1. The Board of Directors of the District (the "Board") convened in REGULAR MEETING ON THE 17TH DAY OF DECEMBER, 2018, at the designated meeting place, and the roll was called the duly constituted officers and members of the Board, to wit:

and all of said persons were present, except Cruz Castillo and Paul Wilkerson, thus constituting a quorum. Whereupon, among other business, the following was transacted at said meeting: a written

was duly introduced for the consideration of the Board. It was then duly moved and seconded that said Resolution be adopted and, after due discussion, said motion, carrying with it the adoption of said Resolution, prevailed and carried by the following vote:

ABSTAIN:

2. That a true, full and correct copy of the aforesaid Resolution adopted at the meeting described in the above and foregoing paragraph is attached to and follows this Certificate; that said Resolution has been duly recorded in the Board's minutes of said meeting; that the above and foregoing paragraph is a true, full and correct excerpt from the Board's minutes of said meeting pertaining to the adoption of said Resolution; that the persons named in the above and foregoing paragraph are the duly chosen, qualified and acting officers and members of the Board as indicated therein; that each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance, of the time, place and purpose of the aforesaid meeting, and that said Resolution would be introduced and considered for adoption at said meeting, and each of said officers and members consented, in advance, to the holding of said meeting for such purpose, and that said meeting was open to the public and public notice of the time, place and purpose of said meeting was given, all as required by Chapter 551, Texas Government Code.

3. That the Board has approved and hereby approves the aforesaid Resolution; that the President and the Assistant Secretary of the Board have duly signed said Resolution; and that the President and the Assistant Secretary of the Board hereby declare that their signing of this Certificate shall constitute the signing of the attached and following copy of said Resolution for all purposes.

SIGNED this, the 17th day of December, 2018.


President, Board of Directors


Assistant Secretary, Board of Directors



RESOLUTION AUTHORIZING APPLICATION FOR FINANCIAL ASSISTANCE FROM THE TEXAS WATER DEVELOPMENT BOARD FOR WATER SYSTEM IMPROVEMENTS; EXPRESSING INTENT TO REIMBURSE COSTS OF THE WATER SYSTEM PROJECT SUBJECT TO THE APPLICATION; AND MAKING CERTAIN FINDINGS IN CONNECTION THEREWITH

Bonds, CCN, Enforcement Action

Is the applicant proposing to issue revenue bonds?: Y

Does the applicant possess a Certificate of Convenience and Necessity (CCN)?: N

If no, indicate the status of the CCN.: ECUD will apply for a CCN at a later date

Has the applicant been the subject of any enforcement action by the Texas Commission on Environmental Quality (TCEQ), the Environmental Protection Agency (EPA), or any other entity within the past three years?: N

Ector County Utility District does not have any outstanding debt secured by System revenues, so there is no outstanding parity debt and, consequently, no resolution to upload.

Municipality

Is the area to be served by the project within the service area of a municipality or other public utility?: N

Board Approved WCP

If the assistance requested is more than \$500,000 a Water Conservation Plan (WCP) is required. The WCP cannot be more than FIVE years old and must have been adopted by the applicant. Has the applicant adopted a Board-approved WCP? (Check one and attach requested information, if any.): Y

Enter date of Applicant's WCP adoption: 2019-03-20 00:00:00.0

RESOLUTION 2019-_____

AN ORDER OF THE ECTOR COUNTY UTILITY DISTRICT, ADOPTING AND
UPDATED WATER CONSERVATION AND DROUGHT CONTINGENCY
PLAN; ESTABLISHING CRITERIA FOR THE INITIATION AND
TERMINATION OF DROUGHT RESPONSE STAGES; ESTABLISHING
RESTRICTIONS ON CERTAIN WATER USES; PROVIDING A SAVINGS
CLAUSE AND DECLARING AN EFFECTIVE DATE

WHEREAS, the Ector County Utility District ("District") recognizes that the amount of water available to the District and its water utility customers is limited and subject to depletion during periods of extended drought; and

WHEREAS, the District recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes; and

WHEREAS, Sections 11.1271 and 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmentally Quality require all public water supply systems in Texas to prepare a water conservation and drought contingency plan; and

WHEREAS, as authorized under law, and the best interests of the citizens of the District, the District Board of Directors deems it expedient and necessary to encourage water conservation and to establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE ECTOR COUNTY UTILITY DISTRICT OF ODESSA, TEXAS:

Section 1. That the Ector County Utility District's Water Conservation/Drought Contingency Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the District and shall be on file with the District's Secretary and available for public inspection.

Section 2. That all resolutions are in conflict with the provisions of this policy be, and the same are hereby, repealed and all other resolutions of the District not in conflict with the provisions of this resolution shall remain in full force and effect.

Section 3. That nothing contained in this resolution shall in any manner whatsoever change, alter or otherwise affect the commission of or punishment for any offense, crime or act committed or done prior hereto, or any penalty or forfeiture incurred, or any prosecution whatsoever, or any suit or other proceedings pending, or any judgment rendered on or before the passage and publication of this resolution, nor shall anything herein change, alter or otherwise affect any cause of action, contract or right established or occurring to the District or to any person, association or corporation, or any contract or obligation by or in favor of the District before same.

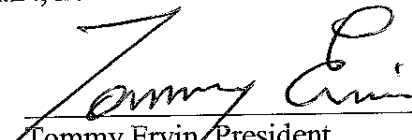
Section 4. If any section, subsection, sentence, clause, or phrase herein is for any reason held to be unconstitutional, void or invalid, the validity of the remaining portions of same shall not be affected thereby, it being the intent of the Board of Directors in passing and adopting this resolution that no portion hereof or provisions or regulations contained herein, shall become inoperative or fail by reason of the unconstitutionality or invalidity of any other section, subsection, sentence, clause, phrase, portion, provision or regulation.

Section 5. That this resolution shall go into effect on the date approved.


The foregoing Policy was approved on the 20th day of March, 2019 by the following vote:

Tommy Ervin	AYE
Margaret Burton	ABSENT
Terry Swan	AYE
Cruz Castillo	AYE
Paul Wilkerson	ABSENT

APPROVED this the 20TH day of March, A.D., 2019.


Tommy Ervin, President

ATTEST:


Margaret Burton, Secretary

ECTOR COUNTY UTILITY DISTRICT WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

SECTION 1 – INTRODUCTION

The Water Conservation and Drought Contingency Plan (Plan) for the Ector County Utility District is established in accordance with the requirements of Title 30, Texas Administration Code, Chapter 288 and submitted to the Texas Commission on Environmental Quality. This document will be used by the Ector County Utility District in its water conservation efforts and to address various levels of water shortages.

The Plan is adopted by Order of the Ector County Utility District and in all material respects is identical to the plan adopted by the City of Odessa because the City of Odessa is the sole supplier of portable water to the District and by contract performs the distribution of water.

SECTION 2 – ADMINISTRATION

The President is designated as the Administrator for the implementation and enforcement of the District's Water/Conservation and Drought Contingency Plan and is authorized to adopt any necessary administrative regulations and interpret and enforce the requirements of the Plan. The District's Administrator works with the City of Odessa Plan Administrator to insure that this Plan is consistent with City of Odessa's plan.

SECTION 3 – SERVICE AREA

The service area for the District is within the Region F water planning area. A copy of this Plan has been provided to the Region F Planning Group.

SECTION 4 – APPLICATION

The provisions of this Plan shall apply to all persons, customers, and property utilizing treated water provided by the District and purchased from the City of Odessa's Water Treatment Plant or provided as un-treated raw water delivered through the other transmission system. Other water sources, such as private wells or reclaimed water, as provided by the City of Odessa's Bob Derrington Plant are outside of the scope of this plan. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

SECTION 5 – WATER CONTRACTS

A. Wholesale Water Contracts

All contracts for the sale of water which are entered into, extended, or renewed after the adoption of this Plan will require the wholesale customer to develop, adopt and implement a water conservation plan which satisfies the requirements set by the State of Texas and this District's Plan. Wholesale water contracts shall prohibit the

resale of water to customers and other public water utilities unless approved by the City of Odessa.

B. Other Water Contracts

Contracts with other public utilities, industrial districts, or customers outside the District limits will include provisions requiring the customers served by these contracts to meet the requirements of the District's Water Conservation and Drought Contingency Program.

SECTION 6 – DEFINITIONS

For the purposes of this Plan, the following definitions shall apply:

Administrator: President or his/her designee.

Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: any person, company, entity, or organization using water supplied by the District.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, rights-of-way and medians.

Non-essential water use: water uses that are neither essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields and golf courses, except as otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;

- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (d) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi- type pools;
- (e) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (f) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (g) use of water from hydrants for construction purposes or any other purposes other than fire fighting.

Reclaimed Water: At this time the District does not purchase wastewater effluent treated and discharged from the City of Odessa's Bob Derrington Water Reclamation Plant intended for effluent reuse as defined by the TCEQ. The District does not have any facilities to handle efficient water.

SECTION 7 – WATER CONSERVATION PLAN

I. INTRODUCTION

This 2019 revision of the District Conservation Plan (Plan) establishes water conservation measures, encourages water customers to conserve available water supplies, and monitors the effectiveness of the Plan. The Plan is submitted to the Texas Water Development Board as required by Section 13.146 of the Texas Water Code.

II. SYSTEM PROFILE

A. SOURCE WATER

The District receives all of its water, treated, from the City of Odessa who in turns receives its water from the Colorado River Municipal Water District ("CRMWD"). The majority of the water is CRMWD provides surface water from Lake Ivie. Other surface water sources include Lake Thomas and Lake Spence when available. When needed, CRMWD well water can be delivered to supplement surface water supplies. Most well water is received from Ward County wells with minimal amounts contributed from wells in Ector and Martin Counties.

The District does not operate any reservoirs or develop any of its source water. Under the contract with the City of Odessa, the City is responsible for providing the needed water resources for the District.

The City of Odessa has been the sole provider of water to District since the date of first deliveries in 1978. A Master meter has been installed and meters flow to ECUD as a wholesale customer. Tracking of water is based on an automated meter infrastructure. The City provides metering and billing services to ECUD as part of the water supply contract.

B. WATER TREATMENT

The District does not operate a water treatment plant. The City of Odessa operates a conventional water treatment plant using coagulation, flocculation, sedimentation, filtration, disinfection and pH adjustment for treatment of the surface water. The city plant's rated capacity is 55 MGD.

The City's maximum daily volume of water treated since 2000 has not exceeded 40 MGD. The plant capacity is sufficient under current projections to exceed 20 years.

C. WATER SERVICE POPULATION CHARACTERISTICS.

The City of Odessa provides potable water to customers inside the city limits as well as the Ector County Utility District, several industrial districts, and by contract to individual customers outside the city limits. In 2018, the estimated population served by the District's public water system was 22,260.

The following is a summary of the accounts served according to customer classification:

Single Family	4,816
Multi-Family	39
Commercial	254
Industrial	0
Wholesale Customer	0

D. WASTEWATER TREATMENT

The District does not provide waste water treatment to its customers because all waste water treatment is done by the City of Odessa.

E. ECTOR COUNTY UTILTIY DISTRICT (ECUD)

III. WATER REDUCTION GOALS

A. GALLONS PER CAPITA PER DAY (gpcd) REDUCTION

The currently required method for computing and tracking usage is gallons-per-capita- per-day (gpcd). The City of Odessa will strive to reduce the gpcd usage by 0.5 gpcd each year for the next 10 years. The beginning gpcd baseline, established in 2015 (95.5 gpcd) is based on the average gpcd for the last 5 years. This projection may have to be adjusted based on new or changing industrial users or population, trends in weather, or available water resources.

B. WATER LOSS REDUCTION

Over the next 10 years, the District City will strive to maintain its calculated water loss at less than 12%.

IV. BEST MANAGEMENT IMPLEMENTATION SCHEDULE

	Currently Implemented	Improve Existing Program	Implement by 2010	Implement by 2015	Implement by 2020
System Water Audit and Water Loss	<input checked="" type="checkbox"/> √	√			
Water Conservation Pricing	<input type="checkbox"/>				
Addressing Nonpayment and Theft Issues	<input checked="" type="checkbox"/> √				
Prohibition of Wasting Water	<input checked="" type="checkbox"/> √				√
School Education	<input type="checkbox"/>				
Plumbing Code Enforcement	√	√			
Landscape Irrigation Conservation	<input type="checkbox"/>				
Golf Course Conservation NA	<input type="checkbox"/>				
Park Conservation NA	<input type="checkbox"/>				
Athletic Field Conservation NA	<input type="checkbox"/>				
Metering of all Connections	<input type="checkbox"/>	√			
Meter Replacement and Maintenance	<input checked="" type="checkbox"/> √				
Wholesale Agency Assistance Program NA	<input type="checkbox"/>				
Effluent Reuse NA	<input type="checkbox"/>				
Public Information	<input type="checkbox"/>	√			
Leak Detection and Line Rehabilitation	<input type="checkbox"/>	√			

B. SYSTEM WATER AUDIT

The District will continue to annually conduct the water loss audit calculations published in the TWDB publication "Water Loss Audit Manual for Texas Utilities". The results of this annual audit will be used to determine the effectiveness of the water conservation program and whether adjustments to the program need to be made.

C. WATER BILLING

1. Water Conservation Pricing

Currently, the District uses an increasing water rate to encourage water conservation. During the annual development of the budget, revenues collected from the rates are evaluated to ensure sufficient funds are available to meet financial obligations, capital requirements, and operation and maintenance needs. The current rate structures per 1000 gallons are listed in the tables below. There is also a minimum charge for the first 2000 gallons of \$50.00 for senior citizens and \$75.00 for all other customers.

	3,000-10,000 Gallons	11,000-20,000 Gallons	21,000-50,000 Gallons	Above 50,000 Gallons
Residential	7.89	9.07	9.30	9.53
Senior Residential	7.02	8.19	8.41	8.64
Multi-Family	7.60	8.78	9.01	9.23
Commercial	7.93	9.09	9.32	9.55
Industrial	7.47	8.64	8.87	9.09

2. Cut Off For Unpaid Bills

Customers who do not pay for water service have their water service terminated approximately 20 days after the original due date. Service is not reactivated until payment arrangements are made.

3. Water Theft

When water theft is determined, service is immediately disconnected and will not be reinstated until all fines and fees are paid. The District has purchased 500 locks to be installed on fire hydrant/flush valves to reduce water theft.

D. PROHIBITION OF WASTING WATER

The City of Odessa has implemented a nuisance water ordinance and enforcement strategy for the purpose of restricting the improper discharge of water by its discharge into the streets. Imposing hours of irrigation for automated irrigation systems will also be considered. The District has adopted the Plan.

E. PLUMBING CODE ENFORCEMENT

The City enforces the 2009 International Plumbing Code which requires installation of the following water conserving fixtures in new construction.

Fixture	Maximum Flow Rate
Lavatory, private	2.2 gpm at 60 psi
Lavatory, public, (metering)	0.25 gallon per metering cycle
Lavatory, public (other than metering)	0.5 gpm at 60 psi
Shower head	2.5 gpm at 80 psi
Sink faucet	2.2 gpm at 60 psi
Urinal	1.0 gallon per flushing cycle
Water closet	1.6 gallons per flushing cycle

F. SCHOOL EDUCATION PROGRAM

The City makes staff available to assist in teaching the curriculum or making water conservation related presentations at local schools as requested. Tours of the plant and water education brochures suitable for distribution to school children are also available.

G. Landscape Irrigation Conservation

The City of Odessa establishes minimum standards for installation of irrigation systems within the City and its extraterritorial jurisdiction. This ordinance requires irrigation system designs which must be submitted to the City for review prior to the installation of the system. New irrigation systems must be designed, installed, maintained and repaired in a manner which will promote water conservation. The ordinance requires the irrigation system to:

- Operate at pressures provided by the distribution system.
- Limit water spray over impervious materials.
- Have separate zones based on plant material type, topographic features, soil conditions and hydrological requirements.
- Include rain or moisture shutoff device. Repairs to existing automatic irrigation systems require replacement with a controller which has a rain or moisture shutoff device.

Beginning in 2010, a licensed irrigator or licensed irrigator technician must be onsite during the installation of the irrigation system unless the system is being installed by the home owner. Failure to comply with the requirements of the ordinance may result in a fine of up to \$2000 per day.

H. GOLF COURSE CONSERVATION

There are no golf courses located within the District's boundaries.

I. PARKS CONSERVATION

There are no parks operated by the District, but should a park be constructed it would be equipped with auto irrigation systems and (See pg. 12 of City Plan A).

J. ATHLETIC FIELD CONSERVATION

There are no athletic fields operated by the District.

K. METERING OF ALL CONNECTIONS

A Master sales meters is currently installed at the purchase point from the City of Odessa and is calibrated yearly. An accuracy of plus or minus 6% is required for this meter.

The District in 2016 installed new customers meter system wide and implemented automated meter reading of all customer connections, including District and operated facilities. All new construction is also required to be metered. The type of meter installed will be evaluated to ensure an appropriate meter to satisfy the customer's usage..

L. METER REPLACEMENT AND MAINTENANCE

As a part of the proposed meter replacement program, the meter installation will include the installation of bypasses and test portals which will allow testing of the meters. After installation of the large meters, the following test schedule will be implemented:

6" and larger meters	Annually
3 and 4" meters	Once every 4 years
1 ½ and 2 meters	Once every 6 years

In addition, 3/4 and 1" meters will be on a replacement schedule of 10 years or 1,200,000 gallons.

The above testing and replacement frequencies may be adjusted based on factors such as suspected problems with a meter or meter evaluations which indicate the frequency should be increased or decreased.

The District has completed the installation of AMI meters in 2016. Improved installation has improved metering accuracy and usage accountability.

M. WHOLESALE AGENCY ASSISTANCE PROGRAM

In the wholesale contract with the City, the District is required by contract to implement a Water Conservation Program which is as stringent as the one adopted by the City of Odessa.

The City currently bills each customer in ECUD for the water used. Under the wholesale contract, ECUD is master metered. ECUD installed AMI meters throughout in 2016, improving metering accuracy and accountability.

The District relies upon the City as part of its water purchase contract to make its public and school education programs available to ECUD's customers.

N. REUSE WATER PROGRAM

The District does not have a sewer system and a water reclamation plant and the District does not sell reuse water program.

O. PUBLIC INFORMATION

The District relies upon the City of Odessa provides an annual mail out to all customers which contain indoor and outdoor water conservation information. In addition, each new water customer is given a water conservation brochure.

City staff is available to make water conservation presentations to organizations upon request.

The local Master Gardeners, Keep Odessa Beautiful organization, and the Texas Agricultural Extension Agent have also been very helpful in providing information to the City and its customers on outdoor water conservation. We will continue to work with these groups to improve our public outreach in these areas.

The City provides conservation information through its website. We will work to update the website and its information and publicize its availability through the government access channel and other means.

P. LEAK DETECTION AND REHABILITATION

1. Customer Leaks

Through its customer billing system provided, operated and managed by the City of Odessa under the water purchase contract, the City of Odessa monitors water consumption, inspects meters which vary significantly from previously established norms, and assists the customer in determining a leak in their system.

2. System Leaks

Notifications of leaks are taken 24 hours each day by the City of Odessa. Each leak is investigated as soon as possible, and repaired if the leak is on the District lines. District has also contributed leak savings and the ??? provided to the City for repairs.

3. Distribution System Rehabilitation Program

Due to increased customer demand within the District reviewed area distribution system, the District's Board of Directors has approved a twenty-five (25) year master water plan to identify the existing system's infrastructure upgrades to meet TCEQ service standards. The District employed an outside consultant to assist in the completion of an infrastructure study which has determined the priority of each project.

Through the replacement of the distribution lines, it is anticipated many currently undetermined leaks will be resolved. In addition, the water flushed through the system to maintain water quality and resolve customer complaints will be reduced

SECTION 8 – DROUGHT CONTINGENCY PLAN

I. INTRODUCTION

This revision of the Drought Contingency Plan is established to protect the integrity of water supply facilities including domestic uses and to protect and preserve public health, welfare and safety and minimize the adverse impacts of water supply shortages or other emergency conditions. Water supplies which fall outside of the raw or potable water supply as furnished by the City of Odessa or CRMWD fall outside the scope of this Plan; as does the use of water from private water wells. The provision of reclaimed water by the City of Odessa's Bob Derrington Water Reclamation Plant is managed as a separate item and its use is governed outside of this Plan. The Plan is submitted to the Texas Commission on Environmental Quality by the City of Odessa to comply in compliance with the requirements of Title 30, Texas Administrative Code, Chapter 288.

Water uses regulated or prohibited under this Drought Contingency Plan (the Plan) are considered to be nonessential and continuation of these uses when the Plan is implemented will constitute a waste of water and will subject the offender to the penalties allowed in Section XI.

II. PUBLIC INVOLVEMENT

The District provided opportunity for public input to this Plan by a Public Hearing. The City, through education and distribution of public information, encourages public involvement and input into water conservation and drought contingency policy and efforts.

III. PUBLIC EDUCATION

A. The District will periodically provide the public with information about the Plan including the conditions under which each stage of the Plan will be initiated and terminated and the drought response measures to be implemented in each stage. This

information will be provided by means of a mailout and posting on the City's website until the District provides and establishes its own website.

- B. When trigger conditions requiring mandatory restrictions appear to be approaching, the public will be notified through the local newspaper, media, the City's website and the government access channel.
- C. When the trigger conditions have passed, the public will be notified through the local newspaper, media, the City's website and the government access channel that the drought contingency measures can be abated or reduced. Measures will be outlined for any reduced measures.
- D. Through the period of the trigger condition, regular information will be provided to the public to inform them of the cause of the condition and the requirements for water reduction.

IV. AUTHORIZATION

The Administrator or his/her designee is authorized to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety or welfare, which shall include the authority to designate irrigation schedules on designated days and hours. The Administrator also has the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

V. CRITERIA OF INITIATION AND TERMINATION OF DROUGHT STAGES

The Administrator or his/her designee shall monitor the water supply based on information obtained from CRMWD and demand conditions on frequency sufficient to determine if the trigger conditions are met to initiate or terminate each stage of the Plan.

VI. TRIGGERS

A. MILD CONDITIONS

- 1. Requirements for initiation

Daily water demands exceed 90% of City of Odessa's treatment plant's capacity to produce or pump water for three consecutive days.

- 2. Requirements for termination

All triggering events have ceased to exist for a time period deemed appropriate by the Administrator.

B. MODERATE CONDITIONS

- 1. Requirements for initiation

Daily water demands exceed 95% of City of Odessa's treatment plant's capacity to produce or pump water for three consecutive days.

2. Requirements for termination

All triggering events have ceased to exist for a time period deemed appropriate by the Administrator.

C. SEVERE CONDITIONS

1. Requirements for initiation

Daily water demands exceed 98% of treatment plant's capacity to produce or pump water for three consecutive days or the moderate conditions have remained in effect for an extended period, as determined by the Administrator.

2. Requirements for termination

All triggering events have ceased to exist for a time period deemed appropriate by the Administrator.

D. EMERGENCY CONDITIONS

1. Requirements for initiation

Emergency conditions can be invoked by the Administrator under the following conditions:

- a. Extended duration of severe conditions.
- b. Extreme operational conditions such as major line breaks, pump or system failures which cause loss of capability to provide normal water service.
- c. Natural or man-made contamination of the water source(s).

2. Requirements for termination

All triggering events have ceased to exist for a time period deemed appropriate by the Administrator.

E. OTHER TRIGGERS

1. Requirements for initiation

The Administrator can take the following conditions into consideration in determining if any of the trigger stages should be implemented:

- a. Water distribution pressures.
 - b. Imminent weather conditions.
 - c. Treated water storage reservoir levels.
 - d. Treatment and transmission facilities conditions.
 - e. Request of the City of Odessa due to limitation in available water supplies or their transmission facilities.
 - f. Other conditions deemed appropriate by the Administrator.
2. Requirements for termination

All triggering events have ceased to exist for a time period deemed appropriate by the Administrator.

VII. NOTIFICATION

A. PUBLIC

The Administrator will notify the public that any of the above trigger conditions have been implemented and the actions to be taken by one or more of the following means:

1. Posting in the Odessa American.
2. Public service announcements.
3. TV and radio news stories.
4. Posting on City's website and government access channels.
5. Social media
6. Other means as deemed appropriate.

B. ADDITIONAL NOTIFICATIONS

1. The Administrator will notify the following entities or individuals as deemed necessary based on the conditions:
 - a. District Board of Directors
 - b. Odessa City Manager and Director of Utilities
 - c. Fire Department

- d. Emergency Management Coordinator
- e. Critical water user list
- f. Major water users
- g. TCEQ

Note: The TCEQ must be notified whenever mandatory restrictions are imposed.

- 2. The Administrator will determine the most effective means of notifying the above individuals or entities but the use of phone calls, letters, emails or faxes may be used.

VIII. TRIGGER CONDITION RESPONSES

A. MILD CONDITIONS

- 1. Target

Achieve a voluntary 1 to 5 percent reduction in daily water demand.

- 2. Best Management Practices

- a. Raise public awareness of need to conserve water supply.
- b. Request voluntary reductions in nonessential water use.

- 3. Water Use Restrictions

- a. Inform public through the news media that the trigger condition has been met and customers should look for ways to voluntarily reduce water use and discontinue water use for non-essential purposes.
- b. Notify major industrial users of the situation and request voluntary water use reductions.
- c. Request that water customers voluntarily limit irrigation of landscaped areas to hours outside of 10:00 am to 6:00 pm. Designated watering days may also be established by the Administrator.

B. MODERATE CONDITIONS

1. Target

Achieve a 5 to 10% reduction in daily water demand.

2. Best Management Plan

- a. Implement mandatory restrictions on nonessential water uses.
- b. Reduce fire hydrant flushing except where needed to maintain water quality.

3. Water Use Restrictions

Since outside irrigation and certain other high uses may comprise 50% or more of total water use during the irrigation season and reductions thereof may in result in reaching the targeted reductions during the irrigation season, the administrator shall have the flexibility of initiating all or part of the following restrictions as deemed necessary for moderate conditions.

Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

- a. Irrigation of landscaped area with hose-end sprinklers and automatic irrigation systems shall be limited to days designated by the Administrator. No irrigation is allowed during the hours of 10:00 am to 6:00 pm on any day. This shall apply to the irrigation of all outdoor areas. Large tract irrigation, consisting of two (2) or more acres of a single property, shall be limited to 10-hour watering periods on designated days in order to allow the completion of required irrigation cycles.

The use of reclaimed water shall be exempt from this regulation. Those entities using reclaimed water for irrigation are subject to the supply management as determined by separate contractual and other limitations outside of this Plan.

- b. Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Odessa.
- c. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle must be done with a hand-held bucket or hose equipped with a positive shutoff nozzle or other means to restrict flow when not immediately needed. Such washing is

prohibited except on designated water days. No washing is allowed during the hours of 10:00 am to 6:00 pm on any day. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Washing of vehicles by so-called “mobile-wash” vendors is also allowed contingent upon that activity being in compliance with all other applicable rules and local laws. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

- d. The following uses of water are defined as non-essential and are prohibited:
 - 1.) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - 2.) use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - 3.) use of water for dust control, unless determined to be essential by State or Local Rule/Law;
 - 4.) flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - 5.) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).
- e. All restaurants are prohibited from serving water to patrons except upon request of the patron.
- f. No filling, refilling, or addition can be made between the hours of 10:00 am to 6:00 pm.

C. SEVERE CONDITIONS

- 1. Target
 - Achieve a 10 – 15% reduction in daily water demand.
- 2. Best Management Practices
 - a. Implement ban on certain types of non-essential water uses.
 - b. Consider implementation of a surcharge for excess water usage.

- c. Discontinue all fire hydrants flushing except where critical to maintaining water quality.
- d. Reduce or, if necessary, discontinue irrigation of public landscaped areas irrigated with the raw or potable water sources.

3. Water Use Restrictions

- a. Irrigation of landscaped areas shall be prohibited except on days and hours designated by the administrator. . All watering must be by hand- held hoses, buckets or drip irrigation. Use of permanently installed automatic sprinklers is prohibited at all times.
- b. At the discretion of the Administrator, due to continued or extremely severe conditions, watering of all landscaped areas may be prohibited.
- c. Public water use for the following non-essential uses will be prohibited:
 - 1.) Street washing;
 - 2.) Filling swimming pools, wading pools, Jacuzzi-type pools, or other recreational-type pools;
 - 3.) Operation of any ornamental fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life.
 - 4.) Washing of cars and other vehicles except required for public health and safety;
 - 5.) Construction uses from fire hydrants.
- d. Other limits for water use for industrial, commercial, and residential customers as deemed necessary by the Administrator.

D. EMERGENCY CONDITIONS

1. Target

Reduce water usage as deemed necessary by the Administrator to alleviate the Emergency Conditions, maintain fire flows, and/or State requirements for the maintenance of distribution systems.

2. Best Management Practices

Implement emergency response procedures appropriate for the type and anticipated duration of the emergency.

3. Water Use Restrictions

- a. Contact all large water users to require that they cease all landscape irrigation and reduce all other water uses as much as possible.
- b. Implement Severe Condition restrictions as needed and practical in time frame of emergency for all other customers.
- c. Implement Emergency Response Program as appropriate.

E. WATER ALLOCATIONS

In the event a water shortage threatens public health, safety and welfare, the City Council may implement a surcharge system for water usage over specified volume for residential, commercial and industrial customers.

IX. UPDATE OF TRIGGER CONDITIONS

The City of Odessa will periodically examine its water production requirements and its ability to maintain these requirements to determine if trigger conditions should be revised. If it is determined that trigger conditions need to be revised, the Texas Commission on Environmental Quality will be contacted.

X. VARIANCE

The Administrator or his/her designee may, in writing, grant a temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency or hardship condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- A. Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- B. Alternative methods can be implemented which will achieve the same level of reduction in water use.
- C. Persons requesting an exemption from the provisions of the Plan shall file a petition for variance with the City of Odessa within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Administrator or his/her designee and shall include the following:

1. Name and address of the petitioner(s).
 2. Purpose of water use.
 3. Specific provision(s) of the Plan from which the petitioner is requesting relief.
 4. Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Plan.
 5. Description of the relief requested.
 6. Period of time for which the variance is sought.
 7. Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
 8. Other pertinent information.
- D. Variances granted by the District shall be subject to the following conditions, unless waived or modified by the Administrator or his/her designee:
- E. Variances granted shall include a timetable for compliance.
- F. Variance can be terminated if the terms of the variance are not met by the customer.
- G. Variances granted shall expire when the Plan is no longer in effect.
- H. No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

XI. ENFORCEMENT AND PENALTIES

- A. No person shall knowingly or intentionally allow the use of water from the District for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this, the Odessa Water Conservation and Drought Contingency Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the Administrator, in accordance with provisions of this Plan.
- B. Any person, including a person classified as a water customer of the District, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have

the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children, and proof that a violation committed by a child occurred on property within the parents control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.

- C. Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not more than Two Thousand and no/100 Dollars (\$2,000). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Administrator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a reconnection charge, established by District policy, and any other costs incurred by the District in discontinuing service and all assessed fines. In addition, suitable assurance must be given to the Administrator that the same action shall not be repeated while the Plan is in effect. Compliance with this Plan may also be sought through injunctive relief in the district court.

Retail Water Services

Does the applicant provide retail water services?: Y

If yes, has the applicant already submitted to the TWDB the annual water use survey of groundwater and surface water for the last THREE years?: N

Date/Time Survey Submitted: 3/1/2018 1:16:31 PM

TEXAS WATER DEVELOPMENT BOARD
WATER USE SURVEY

WATER USE IN CALENDAR YEAR: 2017

SYSTEM NAME:

ECTOR COUNTY UD

OPERATOR NAME:

MULTIPLE SURVEY ORG:

MAILING ADDRESS 1:

1039 N MOSS AVE

MAILING ADDRESS 2:

CITY/STATE/ZIP:

ODESSA TX 79763-

PWS NAME:

ECTOR COUNTY UTILITY DISTRICT

SURVEY NUMBER:

0250848

PRIMARY USED COUNTY:

ECTOR

PRIMARY USED RIVER BASIN:

COLORADO

ORGANIZATION MAIN PHONE:

- -

MAIN EMAIL:

WEB:

PWS CODE:

680235

INTAKE:

Water Type		County	Basin	Seller Name and/or Seller System		River / Reservoir	Metered or Estimated	Brackish / Saline (Y or N)	% Treated Prior to Intake	Total Volume (gallons)	
SURFACE WATER PURCHASED				CITY OF ODESSA			M	N	100.00	500,621,000	
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
45,156,000	30,704,000	33,783,000	41,305,000	41,682,000	51,968,000	54,264,000	38,867,000	46,641,000	39,808,000	40,202,000	36,241,000

COUNTY CONNECTIONS:

COUNTY NAME	TOTAL CONNECTIONS
ECTOR	5,235

CONNECTIONS & USAGE:

	CONNECTIONS	VOLUME (GALLONS)
TOTAL METERED RETAIL:	5,235	500,621,000
Residential - Single Family	5,026	480,596,160
Residential - Multi Family	52	5,006,210
Institutional	0	0
Commercial	157	15,018,630
Industrial	0	0
Agriculture	0	0
Reuse	0	0
TOTAL UNMETERED:	0	0

WATER SYSTEM INFORMATION:

Estimated full-time residential population served directly by this system	15,705
---	--------

Potable Water Services

Is the applicant a retail public utility that provides potable water?: Y

If yes, has the applicant already submitted a most recently required water loss audit to the TWDB?: N

TEXAS WATER DEVELOPMENT BOARD

P.O. BOX 13231, CAPITOL STATION

AUSTIN, TX 78711-3231

2018 WATER AUDIT REPORT

A. Water Utility General Information

1. Water Utility Name	<u>ECTOR COUNTY UTILITY DISTRICT</u>		
1a. Regional Water Planning Area	<u>F</u>		
1b. Address	<u>1039 N MOSS AVE</u>		
	<u>ODESSA, TX 79763-7327</u>		
2. Contact Information			
2a. Name	<u>Katrina Morales</u>	Have you completed Water Loss Auditor Training?	
2b. Telephone Number	<u>(432) 381-5525</u>	<input checked="" type="radio"/> Yes	
2c. Email Address	<u>ecud6570@yahoo.com</u>	<input type="radio"/> No	
3. Reporting Period			
3a. Start Date	<u>01/01/2018</u>		
3b. End Date	<u>12/31/2018</u>		
4. Source Water Utilization			
4a. Surface Water	<u>100.00</u>	%	
4b. Ground Water	<u>0.00</u>	%	
5. Population Served			
5a. Retail Population Served	<u>16,203</u>	Assessment Scale	
5b. Wholesale Population Served	<u>0</u>		
6. Utility's Length of Main Lines	<u>149.00</u>	miles	<u>4.5</u>
7. Total Retail Metered Connections - Active and Inactive	<u>5,109</u>		<u>4</u>
8. Number of Wholesale Connections Served	<u>0</u>		
9. Service Connection Density	<u>34.29</u>	connections per mile	
10. Average Yearly System Operating Pressure	<u>53.00</u>	psi	<u>4</u>
11. Volume Units of Measure	<u>Gallons</u>		

B. System Input Volume

12. Volume of Water Intake	<u>0</u>	gallons	
13. Produced Water	<u>0</u>	gallons	<u>N/A</u>
13a. Production Meter Accuracy	<u>0.0</u>	%	<u>N/A</u>
13b. Corrected Input Volume	<u>0</u>	gallons	
14. Total Treated Purchased Water	<u>542,230,000</u>	gallons	<u>4</u>
14a. Treated Purchased Water Meter Accuracy	<u>99.8</u>	%	<u>5</u>
14b. Corrected Treated Purchased Water Volume	<u>543,316,633</u>	gallons	

TEXAS WATER DEVELOPMENT BOARD

P.O. BOX 13231, CAPITOL STATION

AUSTIN, TX 78711-3231

2018 WATER AUDIT REPORT

15. Total Treated Wholesale Water Sales	0	gallons	N/A
15a. Treated Wholesale Water Meter Accuracy	0.0	%	N/A
15b. Corrected Treated Wholesale Water Sales Volume	0	gallons	
16. Total System Input Volume Line 13b + Line 14b - Line 15b	543,316,633	gallons	
C. Authorized Consumption			
			Assessment Scale
17. Billed Metered	478,385,000	gallons	4.5
18. Billed Unmetered	0	gallons	3
19. Unbilled Metered	0	gallons	3
20. Unbilled Unmetered	6,791,458	gallons	4
21. Total Authorized Consumption	485,176,458	gallons	
D. Water Losses			
22. Water Losses Line 16 - Line 21	58,140,175	gallons	
E. Apparent Losses			
23. Average Customer Meter Accuracy	99.00	%	3
24. Customer Meter Accuracy Loss	4,832,172	gallons	
25. Systematic Data Handling Discrepancy	0	gallons	3
26. Unauthorized Consumption	1,358,292	gallons	4
27. Total Apparent Losses	6,190,463	gallons	
F. Real Losses			
28. Reported Breaks and Leaks	0	gallons	0.5
29. Unreported Loss	51,949,712	gallons	1.5
30. Total Real Losses Line 28 + Line 29	51,949,712	gallons	
31. Total Water Losses Line 27 + Line 30	58,140,175	gallons	
32. Non-Revenue Water Line 31 + Line 19 + Line 20	64,931,633	gallons	
G. Technical Performance Indicator for Apparent Loss			
33. Apparent Losses Normalized Line 27 / Line 7 / 365	3.32	gallons lost per connection per day	

TEXAS WATER DEVELOPMENT BOARD
P.O. BOX 13231, CAPITOL STATION
AUSTIN, TX 78711-3231
2018 WATER AUDIT REPORT

H. Technical Performance Indicators for Real Loss

34. Real Loss Volume Line 30	51,949,712	gallons
35. Unavoidable Annual Real Losses Volume (5.41 * Line 6 + (Line 7 * 0.15)) * 365 * Line 10	30,418,852	gallons
36. Infrastructure Leakage Index Line 34 / Line 35	1.71	I.L.I
37. Real Losses Normalized - Service Connections Line 34 / Line 7 / 365	27.86	gallons lost per connection per day
38. Real Losses Normalized - Main Lines Line 34 / Line 6 / 365	0.00	gallons lost per mile per day

I. Financial Performance Indicators

			Assessment Scale
39. Total Apparent Losses Line 27	6,190,463	gallons	
40. Retail Price of Water	0.00789	\$/gallons	4
41. Cost of Apparent Losses Line 39 x Line 40	\$48,842.76		
42. Total Real Losses Line 30	51,949,712	gallons	
43. Variable Production Cost of Water	0.00818	\$/gallons	5
44. Cost of Real Losses Line 42 x Line 43	\$424,948.64		
45. Total Cost Impact of Apparent and Real Losses Line 41 + Line 44	\$473,791.40		
46. Total Assessment Score	77		

J. System Losses and Gallons Per Capita per Day (GPCD)

47. Total Water Loss - Percentage	10.70	%
48. GPCD Input Line 16 / Line 5a / 365	92	
49. GPCD Loss Line 31 / Line 5a / 365	10	

K. Wholesale Factor Adjustments

50. Percent of Treated Wholesale Water Traveling through General Distribution System	0.00	%
---	------	---

TEXAS WATER DEVELOPMENT BOARD

P.O. BOX 13231, CAPITOL STATION

AUSTIN, TX 78711-3231

2018 WATER AUDIT REPORT

51. Volume of Treated Wholesale Water Traveling through General Distribution System (Line 50/100) * Line 15b	<u>0</u>	gallons
52. Wholesale Factor Line 15b / (Line 13b + Line 14b)	<u>0.00</u>	
53. Adjusted Real Loss Volume ((1 - Line 52) x (Line 30 * Line 50 / 100)) + (Line 30 - (Line 30 * Line 50/100))	<u>51,949,712</u>	gallons
54. Adjusted Cost of Real Losses ((1 - Line 52) x (Line 44 * Line 50 / 100)) + (Line 44 - (Line 44 * Line 50/100))	<u>\$424,948.64</u>	
55. Adjusted Total Water Loss Volume ((1 - Line 52) x (Line 31 * Line 50 / 100)) + (Line 31 - (Line 31 * Line 50/100))	<u>58,140,175</u>	gallons
56. Adjusted Total Cost Impact of Apparent and Real Losses ((1 - Line 52) x (Line 45 * Line 50 / 100)) + (Line 45 - (Line 45 * Line 50/100))	<u>\$473,791.40</u>	
57. Adjusted Real Loss Per Connection ((1 - Line 52) x (Line 37 * Line 50 / 100)) + (Line 37 - (Line 37 * Line 50/100))	<u>27.86</u>	gallons lost per connection per day
58. Adjusted Real Loss Per Mile ((1 - Line 52) x (Line 38 * Line 50 / 100)) + (Line 38 - (Line 38 * Line 50/100))	<u>0.00</u>	gallons lost per mile per day
59. Adjusted Infrastructure Leakage Index ((1 - Line 52) x (Line 36 * Line 50 / 100)) + (Line 36 - (Line 36 * Line 50/100))	<u>1.71</u>	I.L.I
60. Adjusted Total Water Loss - Percentage ((1 - Line 52) x (Line 47 * Line 50 / 100)) + (Line 47 - (Line 47 * Line 50/100))	<u>10.70</u>	%
61. Adjusted GPCD Loss ((1 - Line 52) x (Line 49 * Line 50 / 100)) + (Line 49 - (Line 49 * Line 50/100))	<u>10</u>	

Comments

Provide Wastewater Services

Does the applicant provide wastewater services?: N

Provide Regional or Wholesale Water Services

Does the applicant provide regional or wholesale water services?: N

Top Ten Customers of Water System

Top Ten Water Customers

Customer Name	Annual Usage (gal)	Percent of Total Water Revenue	Bankruptcy (Y/N)
Western Star Mobile Home	4,961,000	0.98%	N
ECISD – Agriculture Place	2,890,000	0.64%	N
Cavazos Elementary	2,767,000	0.61%	N
Iron Guard Odessa	2,142,000	0.47%	N
Mesquite Oasis RV Inc.	1,946,000	0.44%	N
Road Ranger	1,917,000	0.42%	N
Angel Veterinary Clinic	1,834,000	0.39%	N
Islander Mobile Home Subdivision	1,762,000	0.39%	N
Dawn Walker	1,725,000	0.38%	N
Cavazos Elementary School	1,654,000	0.37%	N

Top Ten Water System Customers Comments:

Current average Residential Usage and Rate Information

Service	Date of Last Rate Increase	Avg. Monthly Usage (gallons)	Avg. Monthly Bill (\$)	Avg. Monthly Increase Per Customer (\$)	Projected Monthly Increase Necessary (\$)	Anticipated Date of Projected Rate Increase (Date)
Water	09-17-2018	6,500	\$64.55	\$46.69	\$0	

Number of Customers in Past 5 Years

Customers in Past 5 Years

2018: 5,243

2017: 5,063

2016: 4,957

2015: 4,999

2014: 5,053

Debt

Disclose all issues that may affect the project or the applicant's ability to issue and/or repay debt (such as anticipated lawsuits, judgments, bankruptcies, major customer closings, etc): N/A

Has the applicant ever defaulted on any debt?: N

Taxing Authority

Does the applicant have taxing authority?: N

Tax Assessed Valuations

Fiscal Year Ending	Net Taxable Assessed Value (\$)	Tax Rate (\$)	General Fund (\$)	Interest & Sinking Fund (\$)	Tax Levy (\$)	Percentage Current Collections (%)	Percentage Total Collections (%)
2018	\$781,734,573	\$0.09	\$0.09	\$0	\$686,295	92.83%	99.74%
2017	\$735,782,322	\$0.08	\$0.08	\$0	\$625,670	92.07%	97.16%
2016	\$742,737,484	\$0.08	\$0.08	\$0	\$587,356	88.01%	92.31%
2015	\$712,783,124	\$0.07	\$0.07	\$0	\$496,663	88.05%	93.27%
2014	\$622,281,538	\$0.08	\$0.08	\$0	\$498,087	92.44%	104.87%

Tax Assessed Values Comments:

Direct Overlapping Tax Rate Table Ector County Utility District

Taxing Jurisdiction	2017/18 Taxable Assessed Value	2017/18 Tax Rate	Total Debt	Estimated % Applicable	District's Overlapping As of 11/1/2018
Ector County Utility District	\$ 781,734,573	\$ 0.0879	\$ -	100.00%	\$ -
Ector County	12,888,825,042	0.3872	29,230,000	4.86%	1,420,578
Ector County Independent School District	12,190,897,339	1.1500	164,638,299	5.00%	8,231,915
Odessa Junior College District	12,908,617,052	0.2065	62,745,000	4.85%	3,043,133
Total Direct and Overlapping Debt					<u>\$ 12,695,625</u>

**Ector County Utility District
Question 39**

Taxable Appraised Value for Fiscal Year Ended September 30,						
Category	2018		2017		2016	
	Amount	% of Total	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 16,436,801	1.85%	\$ 11,330,902	1.35%	\$ 18,510,375	2.20%
Real Estate Residential	475,557,222	53.54%	453,959,646	54.25%	435,197,954	51.76%
Real Estate Multi Family	287,551	0.03%	344,193	0.04%	323,921	0.04%
Real Estate Vacant Lots	17,192,726	1.94%	18,513,521	2.21%	17,001,950	2.02%
Real Estate Acreage	811,063	0.09%	933,703	0.11%	921,203	0.11%
Real Estate Farm & Ranch	973,234	0.11%	1,119,959	0.13%	1,207,097	0.14%
Real Estate Commercial	83,350,044	9.38%	80,396,963	9.61%	78,334,498	9.32%
Utility Personal Property	13,710,102	1.54%	9,066,477	1.08%	9,210,159	1.10%
Commercial Personal Property	157,333,222	17.71%	147,512,562	17.63%	181,874,128	21.63%
Industrial Personal Property	-	0.00%	72,267	0.01%	151,617	0.02%
Personal Property Mobile Home	91,625,008	10.31%	83,096,065	9.93%	75,954,741	9.03%
Special Inventory	30,619	0.00%	40,441	0.00%	59,120	0.01%
Real Estate Totally Exempt	30,786,637	3.47%	30,164,305	3.60%	21,862,902	2.60%
Personal Property Totally Exempt	119,672	0.01%	107,468	0.01%	107,402	0.01%
Mineral Property Totally Exempt	93,999	0.01%	99,103	0.01%	104,441	0.01%
Total Appraised Value Before Exemptions	\$ 888,307,900	100.00%	\$ 836,757,575	100.00%	\$ 840,821,508	100.00%
Less: Total Exemptions/Reductions	(106,573,327)		(100,975,253)		(98,084,024)	
Taxable Assessed Value	<u>\$ 781,734,573</u>		<u>\$ 735,782,322</u>		<u>\$ 742,737,484</u>	

Taxable Appraised Value for Fiscal Year Ended September 30,				
Category	2015		2014	
	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 31,687,607	3.97%	\$ 38,017,868	5.37%
Real Estate Residential	391,587,287	49.02%	352,792,142	49.87%
Real Estate Multi Family	343,120	0.04%	314,879	0.04%
Real Estate Vacant Lots	18,626,658	2.33%	16,623,339	2.35%
Real Estate Acreage	992,129	0.12%	930,387	0.13%
Real Estate Farm & Ranch	1,498,192	0.19%	1,310,477	0.19%
Real Estate Commercial	72,922,194	9.13%	58,987,900	8.34%
Utility Personal Property	8,288,681	1.04%	8,085,088	1.14%
Commercial Personal Property	191,259,071	23.94%	154,078,618	21.78%
Industrial Personal Property	151,617	0.02%	91,617	0.01%
Personal Property Mobile Home	63,391,301	7.94%	55,806,863	7.89%
Special Inventory	427,094	0.05%	86,625	0.01%
Real Estate Totally Exempt	17,429,812	2.18%	20,113,588	2.84%
Personal Property Totally Exempt	103,384	0.01%	96,594	0.01%
Mineral Property Totally Exempt	110,810	0.01%	102,949	0.01%
Total Appraised Value Before Exemptions	\$ 798,818,957	100.00%	\$ 707,438,934	100.00%
Less: Total Exemptions/Reductions	(86,035,833)		(85,157,396)	
Taxable Assessed Value	<u>\$ 712,783,124</u>		<u>\$ 622,281,538</u>	

**Ector County Utility District
Question 39**

Taxable Appraised Value for Fiscal Year Ended September 30,						
Category	2018		2017		2016	
	Amount	% of Total	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 16,436,801	1.85%	\$ 11,330,902	1.35%	\$ 18,510,375	2.20%
Real Estate Residential	475,557,222	53.54%	453,959,646	54.25%	435,197,954	51.76%
Real Estate Multi Family	287,551	0.03%	344,193	0.04%	323,921	0.04%
Real Estate Vacant Lots	17,192,726	1.94%	18,513,521	2.21%	17,001,950	2.02%
Real Estate Acreage	811,063	0.09%	933,703	0.11%	921,203	0.11%
Real Estate Farm & Ranch	973,234	0.11%	1,119,959	0.13%	1,207,097	0.14%
Real Estate Commercial	83,350,044	9.38%	80,396,963	9.61%	78,334,498	9.32%
Utility Personal Property	13,710,102	1.54%	9,066,477	1.08%	9,210,159	1.10%
Commercial Personal Property	157,333,222	17.71%	147,512,562	17.63%	181,874,128	21.63%
Industrial Personal Property	-	0.00%	72,267	0.01%	151,617	0.02%
Personal Property Mobile Home	91,625,008	10.31%	83,096,065	9.93%	75,954,741	9.03%
Special Inventory	30,619	0.00%	40,441	0.00%	59,120	0.01%
Real Estate Totally Exempt	30,786,637	3.47%	30,164,305	3.60%	21,862,902	2.60%
Personal Property Totally Exempt	119,672	0.01%	107,468	0.01%	107,402	0.01%
Mineral Property Totally Exempt	93,999	0.01%	99,103	0.01%	104,441	0.01%
Total Appraised Value Before Exemptions	\$ 888,307,900	100.00%	\$ 836,757,575	100.00%	\$ 840,821,508	100.00%
Less: Total Exemptions/Reductions	(106,573,327)		(100,975,253)		(98,084,024)	
Taxable Assessed Value	<u>\$ 781,734,573</u>		<u>\$ 735,782,322</u>		<u>\$ 742,737,484</u>	

Taxable Appraised Value for Fiscal Year Ended September 30,				
Category	2015		2014	
	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 31,687,607	3.97%	\$ 38,017,868	5.37%
Real Estate Residential	391,587,287	49.02%	352,792,142	49.87%
Real Estate Multi Family	343,120	0.04%	314,879	0.04%
Real Estate Vacant Lots	18,626,658	2.33%	16,623,339	2.35%
Real Estate Acreage	992,129	0.12%	930,387	0.13%
Real Estate Farm & Ranch	1,498,192	0.19%	1,310,477	0.19%
Real Estate Commercial	72,922,194	9.13%	58,987,900	8.34%
Utility Personal Property	8,288,681	1.04%	8,085,088	1.14%
Commercial Personal Property	191,259,071	23.94%	154,078,618	21.78%
Industrial Personal Property	151,617	0.02%	91,617	0.01%
Personal Property Mobile Home	63,391,301	7.94%	55,806,863	7.89%
Special Inventory	427,094	0.05%	86,625	0.01%
Real Estate Totally Exempt	17,429,812	2.18%	20,113,588	2.84%
Personal Property Totally Exempt	103,384	0.01%	96,594	0.01%
Mineral Property Totally Exempt	110,810	0.01%	102,949	0.01%
Total Appraised Value Before Exemptions	\$ 798,818,957	100.00%	\$ 707,438,934	100.00%
Less: Total Exemptions/Reductions	(86,035,833)		(85,157,396)	
Taxable Assessed Value	<u>\$ 712,783,124</u>		<u>\$ 622,281,538</u>	

**Ector County Utility District
Question 39**

Taxable Appraised Value for Fiscal Year Ended September 30,						
Category	2018		2017		2016	
	Amount	% of Total	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 16,436,801	1.85%	\$ 11,330,902	1.35%	\$ 18,510,375	2.20%
Real Estate Residential	475,557,222	53.54%	453,959,646	54.25%	435,197,954	51.76%
Real Estate Multi Family	287,551	0.03%	344,193	0.04%	323,921	0.04%
Real Estate Vacant Lots	17,192,726	1.94%	18,513,521	2.21%	17,001,950	2.02%
Real Estate Acreage	811,063	0.09%	933,703	0.11%	921,203	0.11%
Real Estate Farm & Ranch	973,234	0.11%	1,119,959	0.13%	1,207,097	0.14%
Real Estate Commercial	83,350,044	9.38%	80,396,963	9.61%	78,334,498	9.32%
Utility Personal Property	13,710,102	1.54%	9,066,477	1.08%	9,210,159	1.10%
Commercial Personal Property	157,333,222	17.71%	147,512,562	17.63%	181,874,128	21.63%
Industrial Personal Property	-	0.00%	72,267	0.01%	151,617	0.02%
Personal Property Mobile Home	91,625,008	10.31%	83,096,065	9.93%	75,954,741	9.03%
Special Inventory	30,619	0.00%	40,441	0.00%	59,120	0.01%
Real Estate Totally Exempt	30,786,637	3.47%	30,164,305	3.60%	21,862,902	2.60%
Personal Property Totally Exempt	119,672	0.01%	107,468	0.01%	107,402	0.01%
Mineral Property Totally Exempt	93,999	0.01%	99,103	0.01%	104,441	0.01%
Total Appraised Value Before Exemptions	\$ 888,307,900	100.00%	\$ 836,757,575	100.00%	\$ 840,821,508	100.00%
Less: Total Exemptions/Reductions	(106,573,327)		(100,975,253)		(98,084,024)	
Taxable Assessed Value	<u>\$ 781,734,573</u>		<u>\$ 735,782,322</u>		<u>\$ 742,737,484</u>	

Taxable Appraised Value for Fiscal Year Ended September 30,				
Category	2015		2014	
	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 31,687,607	3.97%	\$ 38,017,868	5.37%
Real Estate Residential	391,587,287	49.02%	352,792,142	49.87%
Real Estate Multi Family	343,120	0.04%	314,879	0.04%
Real Estate Vacant Lots	18,626,658	2.33%	16,623,339	2.35%
Real Estate Acreage	992,129	0.12%	930,387	0.13%
Real Estate Farm & Ranch	1,498,192	0.19%	1,310,477	0.19%
Real Estate Commercial	72,922,194	9.13%	58,987,900	8.34%
Utility Personal Property	8,288,681	1.04%	8,085,088	1.14%
Commercial Personal Property	191,259,071	23.94%	154,078,618	21.78%
Industrial Personal Property	151,617	0.02%	91,617	0.01%
Personal Property Mobile Home	63,391,301	7.94%	55,806,863	7.89%
Special Inventory	427,094	0.05%	86,625	0.01%
Real Estate Totally Exempt	17,429,812	2.18%	20,113,588	2.84%
Personal Property Totally Exempt	103,384	0.01%	96,594	0.01%
Mineral Property Totally Exempt	110,810	0.01%	102,949	0.01%
Total Appraised Value Before Exemptions	\$ 798,818,957	100.00%	\$ 707,438,934	100.00%
Less: Total Exemptions/Reductions	(86,035,833)		(85,157,396)	
Taxable Assessed Value	<u>\$ 712,783,124</u>		<u>\$ 622,281,538</u>	

**Ector County Utility District
Question 39**

Taxable Appraised Value for Fiscal Year Ended September 30,						
Category	2018		2017		2016	
	Amount	% of Total	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 16,436,801	1.85%	\$ 11,330,902	1.35%	\$ 18,510,375	2.20%
Real Estate Residential	475,557,222	53.54%	453,959,646	54.25%	435,197,954	51.76%
Real Estate Multi Family	287,551	0.03%	344,193	0.04%	323,921	0.04%
Real Estate Vacant Lots	17,192,726	1.94%	18,513,521	2.21%	17,001,950	2.02%
Real Estate Acreage	811,063	0.09%	933,703	0.11%	921,203	0.11%
Real Estate Farm & Ranch	973,234	0.11%	1,119,959	0.13%	1,207,097	0.14%
Real Estate Commercial	83,350,044	9.38%	80,396,963	9.61%	78,334,498	9.32%
Utility Personal Property	13,710,102	1.54%	9,066,477	1.08%	9,210,159	1.10%
Commercial Personal Property	157,333,222	17.71%	147,512,562	17.63%	181,874,128	21.63%
Industrial Personal Property	-	0.00%	72,267	0.01%	151,617	0.02%
Personal Property Mobile Home	91,625,008	10.31%	83,096,065	9.93%	75,954,741	9.03%
Special Inventory	30,619	0.00%	40,441	0.00%	59,120	0.01%
Real Estate Totally Exempt	30,786,637	3.47%	30,164,305	3.60%	21,862,902	2.60%
Personal Property Totally Exempt	119,672	0.01%	107,468	0.01%	107,402	0.01%
Mineral Property Totally Exempt	93,999	0.01%	99,103	0.01%	104,441	0.01%
Total Appraised Value Before Exemptions	\$ 888,307,900	100.00%	\$ 836,757,575	100.00%	\$ 840,821,508	100.00%
Less: Total Exemptions/Reductions	(106,573,327)		(100,975,253)		(98,084,024)	
Taxable Assessed Value	<u>\$ 781,734,573</u>		<u>\$ 735,782,322</u>		<u>\$ 742,737,484</u>	

Taxable Appraised Value for Fiscal Year Ended September 30,				
Category	2015		2014	
	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 31,687,607	3.97%	\$ 38,017,868	5.37%
Real Estate Residential	391,587,287	49.02%	352,792,142	49.87%
Real Estate Multi Family	343,120	0.04%	314,879	0.04%
Real Estate Vacant Lots	18,626,658	2.33%	16,623,339	2.35%
Real Estate Acreage	992,129	0.12%	930,387	0.13%
Real Estate Farm & Ranch	1,498,192	0.19%	1,310,477	0.19%
Real Estate Commercial	72,922,194	9.13%	58,987,900	8.34%
Utility Personal Property	8,288,681	1.04%	8,085,088	1.14%
Commercial Personal Property	191,259,071	23.94%	154,078,618	21.78%
Industrial Personal Property	151,617	0.02%	91,617	0.01%
Personal Property Mobile Home	63,391,301	7.94%	55,806,863	7.89%
Special Inventory	427,094	0.05%	86,625	0.01%
Real Estate Totally Exempt	17,429,812	2.18%	20,113,588	2.84%
Personal Property Totally Exempt	103,384	0.01%	96,594	0.01%
Mineral Property Totally Exempt	110,810	0.01%	102,949	0.01%
Total Appraised Value Before Exemptions	\$ 798,818,957	100.00%	\$ 707,438,934	100.00%
Less: Total Exemptions/Reductions	(86,035,833)		(85,157,396)	
Taxable Assessed Value	<u>\$ 712,783,124</u>		<u>\$ 622,281,538</u>	

**Ector County Utility District
Question 39**

Taxable Appraised Value for Fiscal Year Ended September 30,						
Category	2018		2017		2016	
	Amount	% of Total	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 16,436,801	1.85%	\$ 11,330,902	1.35%	\$ 18,510,375	2.20%
Real Estate Residential	475,557,222	53.54%	453,959,646	54.25%	435,197,954	51.76%
Real Estate Multi Family	287,551	0.03%	344,193	0.04%	323,921	0.04%
Real Estate Vacant Lots	17,192,726	1.94%	18,513,521	2.21%	17,001,950	2.02%
Real Estate Acreage	811,063	0.09%	933,703	0.11%	921,203	0.11%
Real Estate Farm & Ranch	973,234	0.11%	1,119,959	0.13%	1,207,097	0.14%
Real Estate Commercial	83,350,044	9.38%	80,396,963	9.61%	78,334,498	9.32%
Utility Personal Property	13,710,102	1.54%	9,066,477	1.08%	9,210,159	1.10%
Commercial Personal Property	157,333,222	17.71%	147,512,562	17.63%	181,874,128	21.63%
Industrial Personal Property	-	0.00%	72,267	0.01%	151,617	0.02%
Personal Property Mobile Home	91,625,008	10.31%	83,096,065	9.93%	75,954,741	9.03%
Special Inventory	30,619	0.00%	40,441	0.00%	59,120	0.01%
Real Estate Totally Exempt	30,786,637	3.47%	30,164,305	3.60%	21,862,902	2.60%
Personal Property Totally Exempt	119,672	0.01%	107,468	0.01%	107,402	0.01%
Mineral Property Totally Exempt	93,999	0.01%	99,103	0.01%	104,441	0.01%
Total Appraised Value Before Exemptions	\$ 888,307,900	100.00%	\$ 836,757,575	100.00%	\$ 840,821,508	100.00%
Less: Total Exemptions/Reductions	(106,573,327)		(100,975,253)		(98,084,024)	
Taxable Assessed Value	<u>\$ 781,734,573</u>		<u>\$ 735,782,322</u>		<u>\$ 742,737,484</u>	

Taxable Appraised Value for Fiscal Year Ended September 30,				
Category	2015		2014	
	Amount	% of Total	Amount	% of Total
Mineral Property	\$ 31,687,607	3.97%	\$ 38,017,868	5.37%
Real Estate Residential	391,587,287	49.02%	352,792,142	49.87%
Real Estate Multi Family	343,120	0.04%	314,879	0.04%
Real Estate Vacant Lots	18,626,658	2.33%	16,623,339	2.35%
Real Estate Acreage	992,129	0.12%	930,387	0.13%
Real Estate Farm & Ranch	1,498,192	0.19%	1,310,477	0.19%
Real Estate Commercial	72,922,194	9.13%	58,987,900	8.34%
Utility Personal Property	8,288,681	1.04%	8,085,088	1.14%
Commercial Personal Property	191,259,071	23.94%	154,078,618	21.78%
Industrial Personal Property	151,617	0.02%	91,617	0.01%
Personal Property Mobile Home	63,391,301	7.94%	55,806,863	7.89%
Special Inventory	427,094	0.05%	86,625	0.01%
Real Estate Totally Exempt	17,429,812	2.18%	20,113,588	2.84%
Personal Property Totally Exempt	103,384	0.01%	96,594	0.01%
Mineral Property Totally Exempt	110,810	0.01%	102,949	0.01%
Total Appraised Value Before Exemptions	\$ 798,818,957	100.00%	\$ 707,438,934	100.00%
Less: Total Exemptions/Reductions	(86,035,833)		(85,157,396)	
Taxable Assessed Value	<u>\$ 712,783,124</u>		<u>\$ 622,281,538</u>	

Top Ten Taxpayers

Taxpayer Name	Assessed Value	Percent of Total	Bankruptcy (Y/N)
LLG Energy Services	\$18,006,153	2.34%	N
Knight Oil Tool	\$15,437,129	2.00%	Y
Inter-American Oil Works Inc.	\$11,728,620	1.52%	N
Occidental Permian Ltd.	\$10,808,352	1.40%	N
Oncor Electric Delivery Co. LLC	\$7,393,863	0.96%	N
Terra Oilfield Services LLC	\$7,166,390	0.93%	N
R&B Leasing Co. Ltd.	\$6,838,255	0.89%	N
Express Energy Services	\$6,274,000	0.81%	N
Key Energy Services LLC	\$4,752,050	0.62%	N
Weatherford US LP	\$4,316,958	0.56%	N

Top Ten Taxpayer Comments: Knight Oil Tools Inc does not owe any delinquent taxes. Their bankruptcy was closed in Aug. of 2018

Tax Rate and Sales Tax

Provide the maximum tax rate permitted by law per \$100 of property value.:

Does the applicant collect sales tax?: N

Is the proposed loan tax-exempt?: Y

Ector Co. Utility District 2019 DWSRF Loan Proforma

FYE				Net Available for Debt Service	Existing Debt Service	\$45,765,000 2019 DWSRF Loan		Total Projected Debt Service	Projected Coverage
		Projected Gross Revenues	Projected Expenses			Principal	Int. @ 2.68%		
2017	(1)	\$ 5,130,223	\$ 4,365,612	\$ 764,611	\$ -	\$ -	\$ -	\$ -	N/A
2018	(1)	5,469,027	4,910,691	558,336	-	-	-	-	N/A
2019	(2)	7,669,839	5,011,021	2,658,818	-	-	-	-	N/A
2020		7,729,903	5,180,145	2,549,759	-	1,015,000	1,226,502	2,241,502	1.14x
2021		7,790,569	5,332,225	2,458,344	-	1,040,000	1,199,300	2,239,300	1.10x
2022		8,084,165	5,488,824	2,595,342	-	1,070,000	1,171,428	2,241,428	1.16x
2023		8,147,883	5,650,077	2,497,806	-	1,095,000	1,142,752	2,237,752	1.12x
2024		8,374,298	5,816,125	2,558,172	-	1,125,000	1,113,406	2,238,406	1.14x
2025		8,440,580	5,987,111	2,453,469	-	1,155,000	1,083,256	2,238,256	1.10x
2026		8,759,425	6,163,183	2,596,242	-	1,185,000	1,052,302	2,237,302	1.16x
2027		8,829,043	6,344,493	2,484,550	-	1,220,000	1,020,544	2,240,544	1.11x
2028		9,162,964	6,531,199	2,631,764	-	1,250,000	987,848	2,237,848	1.18x
2029		9,236,087	6,723,463	2,512,624	-	1,285,000	954,348	2,239,348	1.12x
2030		9,585,814	6,921,451	2,664,363	-	1,320,000	919,910	2,239,910	1.19x
2031		9,662,619	7,125,335	2,537,284	-	1,355,000	884,534	2,239,534	1.13x
2032		9,932,679	7,335,293	2,597,386	-	1,390,000	848,220	2,238,220	1.16x
2033		10,012,577	7,551,506	2,461,072	-	1,430,000	810,968	2,240,968	1.10x
2034		10,392,544	7,774,162	2,618,382	-	1,465,000	772,644	2,237,644	1.17x
2035		10,476,468	8,003,455	2,473,012	-	1,505,000	733,382	2,238,382	1.10x
2036		10,874,484	8,239,585	2,634,900	-	1,545,000	693,048	2,238,048	1.18x
2037		10,962,636	8,482,756	2,479,880	-	1,590,000	651,642	2,241,642	1.11x
2038		11,379,581	8,733,180	2,646,401	-	1,630,000	609,030	2,239,030	1.18x
2039		11,472,175	8,991,075	2,481,099	-	1,675,000	565,346	2,240,346	1.11x
2040		11,908,972	9,256,667	2,652,305	-	1,720,000	520,456	2,240,456	1.18x
2041		12,006,232	9,530,185	2,476,047	-	1,765,000	474,360	2,239,360	1.11x
2042		12,943,028	9,811,869	3,131,159	-	1,815,000	427,058	2,242,058	1.40x
2043		12,585,435	10,101,963	2,483,472	-	1,860,000	378,416	2,238,416	1.11x
2044		13,069,559	10,400,722	2,668,838	-	1,910,000	328,568	2,238,568	1.19x
2045		13,181,002	10,708,405	2,472,597	-	1,960,000	277,380	2,237,380	1.11x
2046		13,688,499	11,025,281	2,663,218	-	2,015,000	224,852	2,239,852	1.19x
2047		13,805,562	11,351,627	2,453,935	-	2,070,000	170,850	2,240,850	1.10x
2048		14,406,548	11,687,727	2,718,821	-	2,125,000	115,374	2,240,374	1.21x
2049		14,530,108	12,033,876	2,496,232	-	2,180,000	58,424	2,238,424	1.12x
Totals					\$ -	\$ 45,765,000	\$ 21,416,148	\$ 67,181,148	

(1) The projected revenues for FYE 2017 & 2018 includes property taxes collected by the District. The projected expenses for FYE 2017 & 2018 do not include depreciation.

(2) Gross revenues are projected to increase starting in FY 2019 due to the water rate increase that was passed by the District on 09/17/2018.

Note: For fiscal years ending September 30, 2017 and September 30, 2018 the number shown for net revenues available was derived from the District's FYE 2017 and FYE 2018 Audits. For all other years the projected net revenues available for debt service have been provided by NewGen Strategies & Solutions.

**Ector County Utility District
Five Year Comparative System Operating Statement**

	Fiscal Year Ended September 30,				
	2018	2017	2016	2015	2014
Revenues:					
Charges for Water Service	\$ 4,715,729	\$ 4,227,476	\$ 4,416,456	\$ 3,965,693	\$ 3,896,654
Property Taxes	683,533	612,494	584,094	487,089	488,309
Tap Connection and Inspection Fees	37,101	(6,634)	(13,710)	(28,699)	(100,519)
Investment Earnings (loss)	(34,842)	(24,924)	175,328	179,102	95,023
Penalties and Interest	38,430	27,445	22,601	20,080	23,454
Grant Revenue	-	264,567	61,038	-	-
Other	29,076	23,165	10,631	4,632	15,534
Total Revenues	\$ 5,469,027	\$ 5,123,589	\$ 5,256,438	\$ 4,627,897	\$ 4,418,455
Expenditures:					
Purchased Water Service	\$ 4,296,271	\$ 3,946,357	\$ 3,881,528	\$ 3,472,589	\$ 3,449,419
Salaries, Benefits, Payroll Taxes and Contract Labor	66,629	55,509	52,533	39,008	38,558
Contracted Services	262,215	167,288	182,763	158,583	140,658
Professional Fees	52,535	29,274	48,066	23,864	14,023
Water Master Plan Consulting	150,706	55,896	-	-	-
Other	82,335	104,654	106,524	326,786	97,096
Depreciation and Amortization	226,128	223,871	208,755	207,715	175,144
Total Expenditures	\$ 5,136,819	\$ 4,582,849	\$ 4,480,169	\$ 4,228,545	\$ 3,914,898
 Excess (Deficiency) of Revenues Over Expenditures	 \$ 332,208	 \$ 540,740	 \$ 776,269	 \$ 399,352	 \$ 503,557
Other Financing Sources (Uses):					
Transfers-Internal Activities	\$ -	\$ -	\$ -	\$ -	\$ -
 Change In Fund Balance	 \$ 332,208	 \$ 540,740	 \$ 776,269	 \$ 399,352	 \$ 503,557
 Fund Balance at Beginning of Year	 \$ 14,120,973	 \$ 13,580,233	 \$ 12,803,964 ⁽¹⁾	 \$ 12,405,642	 \$ 11,902,085
 Fund Balance at End of Year	 <u>\$ 14,453,181</u>	 <u>\$ 14,120,973</u>	 <u>\$ 13,580,233</u>	 <u>\$ 12,804,994</u>	 <u>\$ 12,405,642</u>

(1) Restated.

**ECTOR COUNTY UTILITY DISTRICT
ANNUAL REPORT
Financial Statements
with Supplementary Information

Year Ended September 30, 2018
(with Auditor's Report thereon)**

**ECTOR COUNTY UTILITY DISTRICT
TABLE OF CONTENTS**

	<u>Page</u>
Annual Filing Affidavit	1
Independent Auditors' Report	2-3
Management's Discussion and Analysis	4-7
Basic Financial Statements (Columnar Format)	
a. Statement of Net Assets and Governmental Funds Balance Sheet	8
b. Statement of Activities and Governmental Funds Revenues, Expenditures, and Changes in Fund Balance	9
Notes to the Basic Financial Statements	10-16
Required Supplementary Information	18
Budgetary Comparison Schedule Option 1- Combined view of a district with a non-appropriated budget	
Texas Supplementary Information (TSI)	
TSI – 1. Services and Rates	21-22
TSI – 2. General Fund Expenditures	23
TSI – 3. Temporary Investments	24
TSI – 4. Taxes Levied and Receivable	25
TSI – 5. Long-Term Debt Service Requirements by Years (Not Applicable)	26
TSI – 6. Changes in Long-Term Bonded Debt (Not Applicable)	27
TSI – 7. Comparative Schedule of Revenues and Expenditures- General Fund, Debt Service Fund, and Capital Project Fund - Five Years	28-29
TSI – 8. Board Members, Key Personnel, and Consultants	30

ANNUAL FILING AFFIDAVIT

STATE OF TEXAS }
COUNTY OF Ector }

I, Tommy Ervin of the
(Name of Duly Authorized District Representative)

Ector County Utility District
(Name of District)

hereby swear, or affirm, that the district above has reviewed and approved at a meeting of the District's Board of Directors on the 16th day of January, 2019, it's annual audit report for the fiscal period ended September 30, 2018 and that copies of the annual audit report have been filed in the District's office, located at 1039 N Moss, Odessa, TX 79763
(Address of the District's Office)

This filing affidavit and the attached copy of the audit report will be submitted to the Texas Commission on Environmental Quality to satisfy the annual filing requirements of Texas Water Code Section 49.194.

Date: January 16th, 2019

By: _____
(Signature of District Representative)

Tommy Ervin, President
(Typed Name and Title of District Representative)

Sworn to and subscribed to before me this 16th day of January 2019

(Signature of Notary)

My commission Expires on: _____.

Notary Public in the State of Texas.

JOE L. TORRES, P.C.
Certified Public Accountant

Bus: (432) 550-5882
Fax: (432) 550-5893
5000 E. University, Suite 3
Odessa, Texas 79762

MEMBER OF
AMERICAN INSTITUTE OF CERTIFIED
PUBLIC ACCOUNTANTS
TEXAS SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS

Joe L. Torres, CPA, CVA, CEPA
Monica D. Corey, CPA
1118 N. Big Spring St.
Midland, Texas 79701

INDEPENDENT AUDITORS' REPORT

To the Board of Directors
Ector County Utility District

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities of Ector County Utility District, as of and for the year ended September 30, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities of the Ector County Utility District as of September 30, 2018, and the results of its operations thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 4 through 7 and page 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Ector County Utility District's basic financial statements. The accompanying Texas Supplementary Information schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements. The Texas Supplementary Information has been subjected to the auditing procedures applied in the audit of the basic financial statements. In our opinion, the Texas Supplementary Information is fairly stated in all material respects in relation to the basic financial statements as a whole.



Joe L. Torres, P.C.
Odessa, Texas
January 15, 2019

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Our discussion and analysis of the Ector County Utility District (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended September 30, 2018. The District's financial performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

OVERVIEW OF THE FINANCIAL STATEMENTS

Management's Discussion and Analysis introduces the District's basic financial statements. The basic financial statements include the government – wide financial statements and notes to the financial statements. The District also includes in this report additional information to supplement the basic financial statements.

FINANCIAL HIGHLIGHTS

- The District's net assets increased by \$332,208 which represents a 2% increase from 2017.
- The District's Revenues amounted to \$5.5 million or 100.0 percent of total revenues. Water service revenue provided to residents in the District accounted for \$4.7 million or 86.2 percent of all revenues.
- The District expended \$0 on infrastructure capital assets during the current year.
- The District had \$4.3 million in expenses related to the delivery of water service to its residents.
- The District's outstanding '77 Bond Series was paid off in '05.

FINANCIAL ANALYSIS OF THE WATER DISTRICT AS A WHOLE

The District's annual report includes two government-wide financial statements. These statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Assets and the Statement of Activities

Our analysis of the District as a whole begins on page 10. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse as a result of the year's activities?" The Statement of Net Assets and The Statement of Activities report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to accounting used by most private-sector companies. Accrual of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net assets and changes in them. You can think of the District's net assets, the difference between assets, what the District owns, and liabilities, what the District owes, as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net assets are one indicator of the whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the District's jurisdiction, the availability of capital projects, and continuing local government support to assess the overall health of the District.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Reporting the District's most Significant Funds

The Board of Directors has determined that all of its funds are considered major. The District only has governmental funds.

Major Fund

- General

Governmental Funds: The District's services are reported in governmental fund, which focus on how money flows into and out of the fund and the balance left at year-end that are available for spending. The fund is reported using an accounting method called accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's programs.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the governmental-wide. The notes to the financial statements can be found on pages 10 through 16 of this report.

Other information: In addition to the basic financial statements and accompanying notes, this report also presents schedules which can be found on pages 21 through 31 of this report.

THE DISTRICT AS A WHOLE

The District's total net assets changed from a year ago increasing from \$14.12 million to \$ 14.45 million. Our analysis below focuses on the net assets (Table 1) and changes in net assets (Table 2) of the District's Government activities.

**Table 1
Net Assets (in millions)**

	2018	2017
Cash and investments	\$ 7.39	\$ 6.92
Receivables	1.84	1.65
Other Assets	-	-
Capital assets, net of accumulated depreciation	6.77	6.99
Total Assets	16.00	15.56
Long Term Obligations	\$ -	\$ -
Other Liabilities	1.54	1.44
Total Liabilities	1.54	1.44
Net assets:		
Invested in Capital assets, net of related debt	\$ 6.83	\$ 7.04
Restricted	1.04	0.40
Unrestricted	6.58	6.68
Total Net Assets	\$ 14.45	\$ 14.12

Net Assets of the District's activities increased 2.3 percent or 0.33 million. The increase in restricted Net Assets of \$0.64 million is attributed to the tax revenue of 0.75 million in 2018 and capital project expenditure of 0.10 million. Unrestricted net assets – the part of net assets that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements – decreased by \$0.10 million.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Table 2 compares the 2018 change in net assets to the 2017 change in net assets.

**Table 2
Changes in Net Assets for 2018
Compared with 2017 activity
(in millions)**

	2018	2017	Change
General Revenues:			
Water Service	\$ 4.72	\$ 4.23	\$ 0.49
Property Taxes	0.68	0.65	0.03
Other Revenues	0.07	0.24	(0.17)
Total Revenues	<u>\$ 5.47</u>	<u>\$ 5.12</u>	<u>\$ 0.35</u>
General Expenses			
Water Services	\$ 4.30	\$ 3.95	\$ 0.35
Other Expenses	0.84	0.63	0.21
	<u>\$ 5.14</u>	<u>\$ 4.58</u>	<u>\$ 0.56</u>
Increase in Net Assets	<u>\$ 0.33</u>	<u>\$ 0.54</u>	<u>\$ (0.21)</u>

The major increase in General Revenues is derived from the higher volumes in water being served by the District. The major increase in General Expenses is the result of high volumes in water being served by the District.

Financial Analysis of Government Funds

The District's basic financial statements already reflect the major government funds. There are no separate fund financial statements.

Table 3 presents the fund balances of the General Fund and an analysis of significant changes in the fund balances.

**Table 3
Changes in Year End Fund Balance
(in millions)**

	2018	2017	% Change
General	\$ 0.33	\$ 0.54	-38.89%
Total Governmental Balances	<u>\$ 0.33</u>	<u>\$ 0.54</u>	<u>-38.89%</u>

The 4.66% (or 0.33 million) increase in the general fund can be mainly attributed to the water service revenue and property tax revenue.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Capital Assets and Debt Administration

Capital Assets

At year-end, the District had \$6.77 million in capital assets. This amount represents a net decrease (including additions and deletions) of \$0.22 million, or 3.2 %, over the last year. Depreciation recorded in fiscal 2018 was \$226,128.

Debt Administration

At year-end, the District had \$0 in outstanding bonds payable versus \$0 last year, representing no change. The fiscal year 2018 interest rate was 0%. For a breakdown of the interest payment schedule refer to Note 5 of the basic financial statements. There has been no change in credit ratings of the District, and there are no debt limitations affecting the District's financing of planned facilities or services.

The Budget, Economic Environment and Rates

The District has operated solely in West Ector County since its 1976 formation. The District is currently looking at opportunities for expanding to other parts of West Odessa (Ector County).

The Economic factors impacting the District's budget include real estate development, federal grants, and the oil and gas industry. As noted in the schedule TSI – (4), Analysis of Taxes Levied, the property values have continued to increase. This is a result of some areas within the District being developed. Part of the development that has occurred in the District is a result of the County receiving federal grants to help provide water service.

The District is situated in a predominantly oil and gas based economy. As prices for oil continue to increase, the property values experience similar increases. Therefore, the District will follow the trend of the economics of mineral interests. This factor alone represents the major favorable increase in property tax revenues.

It is important that the District is able to succeed in the development of these projects not only for Ector County and its residents but also for the longevity of the District. The District has no continued revenue source except an administration fee charged on the water service it provides to its customers. With additional construction projects for more customers in Ector County, the District will be able to survive and continue to provide the residents of West Odessa with an easier way to get water service.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET
For 12 Periods of Fiscal Year Ending September 30, 2018
Period Ending September 30, 2018

	General Fund	Governmental Funds Total	Adjustments	Government Wide Total
ASSETS				
Cash and investments	\$ 7,392,609	\$ 7,392,609	\$ -	\$ 7,392,609
Taxes receivable	939,680	939,680	-	939,680
Other receivables	485,817	485,817	-	485,817
Due from Other Governments	412,664	412,664	-	412,664
Due from Other Funds	-	-	-	-
Other Assets	-	-	-	-
Capital assets (net of accumulated depreciation)				
Land & Improvements	-	-	597,562	597,562
Infrastructure	-	-	6,165,958	6,165,958
Other capital assets	-	-	3,598	3,598
Total assets	<u>\$ 9,230,770</u>	<u>\$ 9,230,770</u>	<u>\$ 6,767,118</u>	<u>\$ 15,997,888</u>
LIABILITIES				
Accounts payable	\$ 392,780	\$ 392,780	\$ -	\$ 392,780
Payable from Restricted				
Assets-Deposits	412,664	412,664	-	412,664
Payroll tax liabilities	3,697	3,697	-	3,697
Accrued Expenses	(19,464)	(19,464)	-	(19,464)
Deferred revenues	755,030	755,030	-	755,030
Due to Other Funds	-	-	-	-
Other Payables	-	-	-	-
Long-term liabilities:	-	-	-	-
Due within one year	-	-	-	-
Due after one year	-	-	-	-
Total Liabilities	<u>1,544,707</u>	<u>1,544,707</u>	<u>-</u>	<u>1,544,707</u>
FUND BALANCES/NET ASSETS				
Fund balances:				
Unassigned	<u>7,686,063</u>	<u>7,686,063</u>	<u>(7,686,063)</u>	<u>-</u>
Total fund balances	<u>7,686,063</u>	<u>7,686,063</u>	<u>(7,686,063)</u>	<u>-</u>
Total liabilities and fund balances	<u>\$ 9,230,770</u>	<u>\$ 9,230,770</u>	<u>\$ (7,686,063)</u>	<u>\$ 1,544,707</u>
Net assets:				
Invested in capital assets net of related debt			6,767,118	6,767,118
Unrestricted			<u>7,686,063</u>	<u>7,686,063</u>
Total net assets			<u>\$ 14,453,181</u>	<u>\$ 14,453,181</u>

See accompanying notes to financial statements.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES,
EXPENDITURES, AND CHANGES IN FUND BALANCES
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2018

	General Fund	Governmental Funds Total	Adjustments	Government Wide Total
Revenues:				
Charges for water service	\$ 4,715,729	\$ 4,715,729	\$ -	\$ 4,715,729
Property taxes	683,533	683,533	-	683,533
Tap connection and inspection fees	37,101	37,101	-	37,101
Investments earnings (loss)	(34,842)	(34,842)	-	(34,842)
Penalties and Interest	38,430	38,430	-	38,430
Grant Revenue	-	-	-	-
Other	29,076	29,076	-	29,076
Total revenues	<u>5,469,027</u>	<u>5,469,027</u>	<u>-</u>	<u>5,469,027</u>
Expenditures/expenses:				
Service operations:				
Purchased water service	4,296,271	4,296,271	-	4,296,271
Salaries, benefits, payroll	-	-	-	-
taxes & Contract Labor	66,629	66,629	-	66,629
Contracted services	262,215	262,215	-	262,215
Professional fees	52,535	52,535	-	52,535
Director fees	-	-	-	-
Water Master Plan Consulting	150,706	150,706	-	150,706
Other	82,335	82,335	-	82,335
Capital outlay	-	-	-	-
Debt service:				
Principal	-	-	-	-
Interest	-	-	-	-
Depreciation & Amortization	-	-	226,128	226,128
Total expenditures/expenses	<u>4,910,691</u>	<u>4,910,691</u>	<u>226,128</u>	<u>5,136,819</u>
Excess (deficiency) of revenues over expenditures	<u>558,336</u>	<u>558,336</u>	<u>(226,128)</u>	<u>332,208</u>
Other financing sources/(uses):				
Transfers-internal activities	-	-	-	-
Excess (deficiency) of revenues and transfer in over expenditures and transfers out	<u>558,336</u>	<u>558,336</u>	<u>(226,128)</u>	<u>332,208</u>
Change in net assets	<u>558,336</u>	<u>558,336</u>	<u>(226,128)</u>	<u>332,208</u>
Fund balance/net assets:				
Beginning of the year	7,125,727	7,125,727	6,995,246	14,120,973
End of the year	<u>\$ 7,684,063</u>	<u>\$ 7,684,063</u>	<u>\$ 6,769,118</u>	<u>\$ 14,453,181</u>

See accompanying notes to financial statements.

**ECTOR COUNTY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 1: CREATION OF DISTRICT

Ector County Utility District (the District) was created by the petition signed by more than 200 persons owning property within the District, on July 12, 1976 under the authority of the Commissioners Court of Ector County, Texas. The District was created under the provisions of Article XVI, Section 59 of the Texas Constitution and operated under the statutory authority of Section 51 of the Texas Water Code until March 10, 1981. At that time, the District was changed to a Municipal Utility District operating under the statutory authority of Section 54.030 of the Texas Water Code. Bonds were issued in August of 1977, and construction of fixed assets began in September of 1977. Primary construction was completed in April of 1979.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The District's basic financial statements include the accounts of all the district's activities. The criteria for including activities within the District's reporting entity, as set forth in GASB Statement No. 14, "The Financial Reporting Entity"; primarily include the degree of oversight responsibility maintained by the Board of Directors. Examples of oversight responsibility include financial interdependency, selection of governing authority, designation of management's ability to significantly influence operations and accountability for fiscal matter. A minimum of two directors are elected every other year to serve a four-year term. This Board of Directors is the policy making and oversight body for the District.

Government Wide Financial Statements

The government-wide financial statements include the statement of net assets and the statement of activities. These statements report financial information for the District as a whole and reflect all the governmental funds maintained by the District. There are no separate fund financial statements.

Basis of Accounting

The financial statements of the District are prepared in accordance with generally accepted accounting principles (GAAP). The government-wide statements report uses the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property tax revenues are recognized in the year for which they are levied.

Basis of Presentation – Fund Accounting

The operations of the District are recorded in the following fund types and account groups:

Governmental Fund Types

- The General Fund accounts for financial resources in use for general types of operations. This is a budgeted fund, and any fund balances are considered as resources available for use.

Budget Basis of Accounting

The budget is presented on the accrual basis of accounting which is consistent with generally accepted accounting principles ("GAAP").

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Investments

The District invests in authorized U.S. Government Securities, Money Market accounts, government agency securities, corporate bonds, and other securities. Investments are carried at fair value. Management's intent is to hold all investments to maturity.

Capital Assets

The District's land, improvements, and infrastructure with useful lives of more than one year are stated at historical cost and comprehensively reported in the government-wide financial statements. The District maintains infrastructure assets records consistent with all other capital assets. Donated assets are stated at fair value on the date donated. The District generally capitalizes assets purchased and construction outlays when they occur. The costs of normal maintenance and repairs that do not add to the asset value or materially extend useful lives are not capitalized. Capital assets are depreciated using the straight-line method. When capital assets are disposed, the cost and applicable accumulated depreciation are removed from the respective accounts, and the resulting gain or loss is recorded in operations.

Estimated useful lives, in years, for depreciable assets are as follows:

Building	40
Water Systems	50
Office Equipment	5

Other Capital Assets

The District capitalized and charged to organizational costs all costs incurred in the creation of the District. Additionally, the District capitalized during the construction period all costs incurred in the issue of sale of bonds, bond interest, attorney fees and certain administrative expenses. Interest income earned during the construction period on investment of unused funds was credited to organizational costs.

	Total Interest Costs Incurred	Interest Revenue Used to Offset Interest Costs	Capitalized Interest
General	\$500,000	\$7,000	\$493,000

These interest costs are being amortized on a straight line basis over the term of the Bonds which is 30 years. There is no material difference in comparison to the utilization of the effective interest method.

The organization costs of \$ 20,117 are being amortized over a 40 year period. By the end of 2017 fiscal year, the organization cost is fully amortized.

Net Assets

Net Assets represent the difference between assets and liabilities. Net assets invested in capital assets, net of related debt consists of capital assets, net of accumulated depreciation. Net assets are reported as restricted when there are limitations imposed on their use either through the enabling legislations adopted by the District or through external restrictions imposed by laws or regulations of other governments.

The order of spending and availability of the fund balance shall be to reduce funds from the listed areas in the following order: restricted, committed, assigned, and then unassigned funds. Negative amounts shall not be reported for restricted, committed, or assigned funds. The five classifications of fund balance of the governmental types are as follows:

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Non-spendable fund balance shall mean that portion of the gross fund balance that is not expendable (such as inventories) or is legally earmarked for a specific use.

Restricted fund balance shall include amounts constrained to a specific purpose by the provider, such as a grantor.

Committed fund balance shall mean that portion of the fund balance that is constrained to a specific purpose by the Board of Directors.

Assigned fund balance shall mean that portion of the fund balance that is spendable or available for appropriation but has been tentatively earmarked for some specific purpose. When it is appropriate for fund balance to be assigned, the Board delegates the responsibility to assign funds to the Board President or his designee.

Unassigned fund balance shall include amounts available for any legal purpose. This portion of the total fund balance in the General Fund is available to finance operating expenditures. Unassigned fund balance shall mean the difference between the total fund balance and the total of the non-spendable fund balance, restricted fund balance, committed fund balance and assigned fund balance.

NOTE 3: CASH AND TEMPORARY INVESTMENTS

The District maintains and controls three cash operating accounts in the General Fund. In addition, certificates of deposits, governmental securities, mutual funds and governmental money market mutual funds are separately held and reflected in the general fund.

The general fund of the District are secured in the manner provided by law, and except for current requirements, shall be continually invested and re-invested in investment securities authorized in Chapter 51, Texas Water Code.

At September 30, 2018, cash and temporary investments totaled \$7,392,609 which included \$6,297,512 in governmental securities, corporate bonds, governmental agency funds, and other investments and \$1,095,097 in checking accounts. The various investment securities bear interest at various rates. The checking accounts bear interest at various rates from 0.1% to 0.4% at September 30, 2018.

The District's investment policy allows investments only in:

- (1) obligations of the United States and the State of Texas or its agencies in instrumentalities;
- (2) direct obligations of the State of Texas;
- (3) other obligations, the principal of and interest on which are unconditionally guaranteed or insured by the State of Texas or the United States or its agencies of instrumentalities;
- (4) obligations of the states, agencies, counties, cities, and other political subdivisions of any state having been rated at not less than an "A" by a nationally recognized rating firm;
- (5) certificates of deposit issued by state and national banks domiciled in Texas that are guaranteed or insured by the FDIC or secured by obligations described above;
- (6) other investments;

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 3: CASH AND TEMPORARY INVESTMENTS (Continued)

Deposits are invested at two financial institutions and are secured as follows:

	Fair Value <u>Amount</u>	<u>Category</u>
Deposits insured by Federal Deposit Insurance Corporation	<u>\$ 750,000</u>	1
Deposits invested in various securities held at Raymond James & Allstate	<u>\$6,297,513</u>	1
Deposits insured by Prosperity Bank in government securities	<u>\$ 3,088,809</u>	1
TOTAL	<u>\$10,136,322</u>	

Cash and Investments held at a financial institution can be categorized according to three levels of risk. These three levels of risk are:

- Category 1 Cash and Investments that are insured, registered or held by the entity or by its agent in the District name.
- Category 2 Investments that are uninsured and unregistered held by the counterparty's trust department or agent in the District name.
- Category 3 Uninsured and unregistered investments held by the counterparty, its trust or its agent, but not in the District name.

Based on these three levels of risk, all of the District's cash deposits and certificates of deposits are classified as Category 1 and the District's Investment in governmental securities, mutual funds and government money market funds are classified by risk level as Category 2.

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 4: LEVY OF AD VALOREM TAXES

Property tax is levied each October 1 on the assessed (appraised) value listed as of the prior January 1 for all real and business property located in the District. Taxable assessed value represents the appraisal value less exemptions authorized by the District. Appraised values are established by the Appraisal District at 100% for estimated fair market value.

Property taxes receivable are recorded in the General Fund fifteen days (taxpayer protest period) after the debt service budget is approved by the Board. Revenues are recognized for the budgeted year. At fiscal year end, the receivables represent current and delinquent taxes.

Taxes are due on October 1, the levy date, and are delinquent after the following January 31.

Property taxes are collected and remitted to the District by the Appraisal District. There is only one maintenance tax assessment. Effective July 1, 2018, the District levied an ad valorem tax of \$0.097920 per \$100 assessed valuation on all taxable property with appraised value of \$771,009,094 within the District. Major tax payments are received between October and February and are recognized as revenue for the related tax year. Property taxes become delinquent on February 1.

NOTE 5: WATER RATES

The District has established a water rate charge to its customers based upon rate charged by the City of Odessa (City) to its customers within the City limits. The rate the City charges the District for water purchased is based on the total number of customers within the District. Currently, the rate is 1.5 times the rate charged by the City to its customer within the City limits.

Actual water rates charged by the District to its customers are as follows:

First 2,000 gallons	\$28.31 (minimum)
Any additional gallons	7.89 per thousand

NOTE 6: CAPITAL ASSETS

The following table provides a summary of changes in capital asset.

	Balance September 30, 2017	Addition	Retirements	Balance September 30, 2018
Land & Improvement	\$ 674,174	\$ -	\$ -	\$ 674,174
Water System	10,367,000			10,367,000
Engineering Costs	712,018			712,018
Office Equipment	16,968		-	16,968
	<u>\$ 11,770,160</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 11,770,160</u>

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 6: CAPITAL ASSETS (CONTINUED)

The following table provides a summary of changes in the accumulated depreciation.

	Balance September 30, 2017	Expense	Retirements	Balance September 30, 2018
Land & Improvement	\$ 59,376	\$ 17,237	\$ -	\$ 76,613
Water System	4,705,719	207,340	-	4,913,059
Engineering Costs	-	-	-	-
Office Equipment	11,818	1,552	-	13,370
	<u>\$ 4,776,913</u>	<u>\$ 226,129</u>	<u>\$ -</u>	<u>\$ 5,003,042</u>

NOTE 7: GASB 34 IMPLEMENTATION

Effective October 1, 2003, Ector County Utility District, adopted GASB Statement No. 34, Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments. This pronouncement establishes standards for the form and content of the basic financial statements to be issued by all state and local governmental entities. As a result of the adoption of GASB No. 34, the following adjustments are reflected in the basic financial statements as follows:

COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET

Fund balances - total government fund \$ 7,686,063

Amounts reported for governmental activities in the statement
of net assets are different because:

Capital assets used and governmental activities are not
financial resources therefore are not reported in the
governmental funds.

Governmental capital assets	11,770,160	
Less accumulated depreciation	(5,003,042)	6,767,118

Other assets used in governmental activities are not
financial resources and therefore are not reported in
the governmental funds.

Bond Costs	492,627	
Organizational Costs	20,117	
Less accumulated amortization	(512,744)	-

Bonds payable		-
---------------	--	---

Net assets of government activities		<u>\$ 14,453,181</u>
-------------------------------------	--	----------------------

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2018**

NOTE 7: GASB 34 IMPLEMENTATION (Continued)

COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES, EXPENDITURES AND CHANGES
IN FUND BALANCES

Net change in fund balances - total governmental funds	\$ 558,336
--	------------

Amounts reported for governmental activities in the
statement of activities are different because:

Governmental funds report capital outlays as expenditures.
However, in the statements of activities, the cost of those
assets are depreciated over their estimated useful lives.

Expenditures for capital assets		
Less current year depreciation	(226,128)	(226,128)

Changes in net assets of government activities	<u>\$ 332,208</u>
--	-------------------

REQUIRED SUPPLEMENTARY INFORMATION

ECTOR COUNTY UTILITY DISTRICT
RSI – 1 BUDGETARY COMPARISON SCHEDULE – COMBINED VIEW WITH A NON-APPROPRIATED
BUDGET FOR THE YEAR ENDED SEPTEMBER 30, 2018

	Actual	Original Budget	Variance Positive (Negative)
Revenues:			
Charges for Water Service	\$ 4,715,729	\$ 4,716,000	\$ (271)
Property taxes	683,533	684,000	(467)
Tap Connection & Inspection Fees	37,101	37,000	101
Penalties and interest	38,430	38,000	430
Investment earnings	(34,842)	(35,000)	158
Grant Revenue			
Other	29,076	29,000	76
Total revenues	\$ 5,469,027	\$ 5,469,000	\$ 27
Expenditures/expenses:			
Service operations:			
Purchased water service	\$ 4,296,271	\$ 4,296,000	\$ (271)
Salaries, benefits, payroll taxes & Contract Labor	66,629	67,000	371
Contracted services	262,215	262,000	(215)
Professional fees	52,535	53,000	465
Water Master Plan Consulting	150,706	151,000	294
Other	82,335	82,000	(335)
Debt Service			
Principal and interest	-		-
Other expenses	-		-
Capital outlay			
Total expenditures/expenses	\$ 4,910,691	\$ 4,911,000	\$ 309
Excess (deficiency) of revenues over expenditures	558,336	558,000	336
Other financing sources/uses:			
Transfers - internal activities	-	-	-
Excess (deficiency) of revenues and transfers in over expenditures and transfers out	\$ 558,336	\$ 558,000	\$ 336
Fund balance:			
Beginning of the year	\$ 7,125,727	\$ 7,128,465	
End of the year	\$ 7,684,063	\$ 7,686,465	

TEXAS SUPPLEMENTARY INFORMATION

**ECTOR COUNTY UTILITY DISTRICT
SUPPLEMENTARY SCHEDULES INCLUDED WITHIN THIS REPORT
SEPTEMBER 30, 2018**

Notes Required by the Agency

The required information is included within the notes to the basic financial statements.

- TSI – 1 Service and Rates
- TSI – 2 Schedule of General Fund Expenditures
- TSI – 3 Schedule of Temporary Investments
- TSI – 4 Analysis of Taxes Levied and Receivable
- TSI – 5 Long-Term Debt Service Requirements – by Years (Not Applicable)
- TSI – 6 Changes in Long-Term Debt (Not Applicable)
- TSI – 7 Comparative Statement of Revenues and Expenditures – All Governmental Fund Types – Five Years
- TSI – 8 Board Members, Key Personnel and Consultants

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES
YEAR ENDED SEPTEMBER 30, 2018**

1. Services Provided by the District during the Fiscal Year:

<input checked="" type="checkbox"/> Retail Water	<input type="checkbox"/> Wholesale Water	<input type="checkbox"/> Drainage
<input type="checkbox"/> Retail Wastewater	<input type="checkbox"/> Wholesale Wastewater	<input type="checkbox"/> Irrigation
<input type="checkbox"/> Parks/Recreation	<input type="checkbox"/> Fire Protection	<input type="checkbox"/> Security
<input type="checkbox"/> Solid Waste/Garbage	<input type="checkbox"/> Flood Control	<input type="checkbox"/> Roads
<input type="checkbox"/> Participates in joint venture, regional system, and/or wastewater service (other than emergency interconnect)		
<input type="checkbox"/> Other (specify): _____		

2. Retail Service Providers

a. Retail Rates for a 5/8" meter (or equivalent):

	Minimum Charge	Minimum Usage	Flat Rate Y/N	Rate per 1000 Gallon Over Minimum Use	Usage Level
WATER:	\$ 28.31	2000 GALS	N	\$ 7.89	2001 to ++
WASTE WATER:	\$ _____	_____	_____	\$ _____	_____ to _____
SURCHARGE:	\$ _____	_____	_____	\$ _____	_____ to _____

District employs winter averaging for wastewater usage? Yes ☐ No ☒

Total charges per 10,000 gallons usage: Water: \$ 60.95 Wastewater: \$ _____

b. Water and Wastewater Retail Connections:

Meter Size	Total Connections	Active Connections	ESFC Factor	Active ESFC
Unmetered			x 1.0	
≤3/4"	5,388	5,237	x 1.0	5,388
1"			x 2.5	
1 1/2"			x 5.0	
2"			x 8.0	
3"			x 15.0	
4"			x 25.0	
6"			x 50.0	
8"			x 80.0	
10"			x 115.0	
Total Water	5,388	5,237		5,237
Total Wastewater	-	-	x 1.0	

**ECTOR COUNTY UTILITY DISTRICT
TSI – (I) SERVICES AND RATES (Continued)
YEAR ENDED SEPTEMBER 30, 2018**

3. Total Water Consumption during the Fiscal Year (rounded to the nearest thousand):

Gallons pumped into system: <u>508,341</u>	Water accountability Ratio:
Gallons billed to customers: <u>474,600</u>	(Gallons billed/ Gallons pumped)
	<u>0.934</u>

4. Standby Fees (authorized only under TWC Section 49.231):

Does the District have Debt Service standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

Does the District have Operation and Maintenance standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

5. Location of District

County(ies) in which the District is located: Ector

Is the District located entirely within one county? Yes ☒ No ☐

Is the District located within a city? Entirely ☐ Partly ☒ Not at all ☐

City(ies) in which the District is located: Odessa

Is the District located within a city's extra territorial jurisdiction (ETJ)?
Entirely ☐ Partly ☒ Not at all ☐

ETJs in which the District is located: Ector County

Are board members appointed by an office outside the district? Yes ☐ No ☒

If yes, by whom? N/A

**ECTOR COUNTY UTILITY DISTRICT
TSI – (2) SCHEDULE OF GENERAL FUND EXPENDITURES
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Personnel Expenditures (including benefits)*	\$ 66,629
Professional Fees:	
Auditing & Accounting	15,100
Legal	37,435
Engineering	-
Financial Advisor	-
Purchased Services For Resale	
Bulk Water and Wastewater Service Purchases	4,296,271
Tap collection and inspection fees	
Contracted Services:	
Bookkeeping	-
General Manager	-
Appraisal District	6,716
Tax Collector	-
Other Contracted Services	406,205
Utilities + Rent	29,532
Repairs and Maintenance	8,129
Administrative Expenditures:	
Office Supplies	8,959
Insurance	12,218
Other Administrative Expenditures	23,497
Capital Outlay:	
Capitalized Assets	-
Expenditures not Capitalized	-
Tap Connection Expenditures	-
Solid Waste Disposal	-
Fire Fighting	-
Parks and Recreation	-
Other Expenditures	
TOTAL EXPENDITURES	<u>\$ 4,910,691</u>

*Number of persons employed by the District: 0 Full-Time 2 Part-Time

ECTOR COUNTY UTILITY DISTRICT
TSI – (3) SCHEDULE OF TEMPORARY INVESTMENTS
SEPTEMBER 30, 2018

<u>Funds</u>	<u>Indentification or Certificate Number</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Balance at End of Year</u>	<u>Accrued Interest Receivable at End of Year</u>
<u>General Funds</u>					
Raymond James Government Securities	78758222	0.70%-6.75%	Various	\$ 4,997,298	\$ 16,284
Allstate Governmental Securites	TAL-055206	1.13%		\$ 1,300,214	\$ -
Total				<u>\$ 6,297,512</u>	<u>\$ 16,284</u>
<u>Debt Service Fund</u>					
Total				<u>\$ -</u>	<u>\$ -</u>
Total - All Funds				<u><u>\$ 6,297,512</u></u>	<u><u>\$ 16,284</u></u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (4) ANALYSIS OF TAXES LEVIED AND RECEIVABLE
YEAR ENDED SEPTEMBER 30, 2018

	Maintenance Taxes	Service Taxes	District Taxes
Taxes Receivable, Beginning of Year	\$ 907,925	\$ -	\$ -
2018 Original Tax Levy (less abatements)	755,030	-	-
Total to be accounted for	1,662,955	-	-
Tax Collections:			
Current year	-	-	-
Prior years	723,275	-	-
Total Tax Collections	723,275	-	-
Taxes Receivable, End of Year	939,680	-	-
Taxes Receivable , By Years			
2017 and Prior Years	184,650	-	-
2018	755,030	-	-
Taxes Receivable, End of Year	\$ 939,680	\$ -	\$ -

	2018	2017	2016	2015
Property Valuations:				
Land	\$ 93,189,875	\$ 93,421,540	\$ 93,651,546	\$ 89,425,881
Improvements	639,388,961	607,113,454	574,705,679	541,219,754
Personal Property	38,430,258	81,199,579	67,425,097	112,091,849
Total Property Valuations	\$ 771,009,094	\$ 781,734,573	\$ 735,782,322	\$ 742,737,484
Tax Rates Per \$100 Valuation:				
M&O tax rates	\$0.097920	\$0.081383	\$0.084985	\$0.073819
Total Tax Rates per \$100 Valuations	\$0.097920	\$0.081383	\$0.084985	\$0.073819
Original Tax Levy:	\$ 755,030	\$ 687,104	\$ 625,329	\$ 595,595
Percent of Taxes Collected to Taxes Levied	95.79%	86.80%	88.54%	81.78%

**ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2018**

Not Applicable

**ECTOR COUNTY UTILITY DISTRICT
TSI – (6) ANALYSIS OF CHANGES IN LONG-TERM BONDED DEBT
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2018**

Not Applicable

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2018

GENERAL FUND	AMOUNTS				
	2018	2017	2016	2015	2014
REVENUES:					
Water Service	\$ 4,715,729	\$ 4,227,476	\$ 4,416,456	\$ 3,965,693	\$ 3,896,654
Tap connection fees	37,101	-	-	-	-
Investment earnings (loss)	(34,842)	(24,924)	175,328	179,102	94,979
Property Taxes	683,533	612,494	584,094	487,089	488,309
Penalty & Interest	38,430	27,445	22,601	20,080	23,454
Others	29,076	287,732	71,669	4,632	15,578
TOTAL REVENUES	\$ 5,469,027	\$ 5,130,223	\$ 5,270,148	\$ 4,656,596	\$ 4,518,974
EXPENDITURES:					
Purchased water services	4,296,271	3,946,357	3,881,528	3,472,589	3,449,419
Purchased taps exceed tap collection		6,634	13,710	28,699	100,519
Tax Collection Services	6,716	9,679	5,370	6,532	6,218
Professional fees	52,535	29,274	48,066	23,864	14,968
Contracted services	412,921	259,548	177,393	158,583	134,440
Payroll & Contract Labor	66,629	55,509	52,533	37,210	38,558
Utilities	29,532	25,285	24,491	27,133	39,281
Repairs and maintenance	8,129	8,603	6,600	13,826	-
Other Expenditures	37,958	24,723	75,433	282,122	57,815
Capital Outlay	-	279,930	329,297	1,651,184	612,333
TOTAL EXPENDITURES	4,910,691	4,645,542	4,614,421	5,701,742	4,453,551
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$ 558,336	\$ 484,681	\$ 655,727	\$ (1,045,146)	\$ 65,423
TOTAL ACTIVE RETAIL WATER CONNECTIONS	5,237	5,063	4,957	4,999	5,053

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2018

GENERAL FUND	PERCENT OF FUND TOTAL REVENUE				
	2018	2017	2016	2015	2014
REVENUES:					
Water Service	86%	82%	84%	85%	86%
Tap connection fees	1%	0%	0%	0%	0%
Investment earnings	-1%	-1%	3%	4%	2%
Property Taxes	12%	12%	11%	11%	11%
Penalty & Interest	1%	1%	0%	0%	1%
Other	1%	6%	1%	0%	0%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Purchased water services	79%	77%	74%	75%	76%
Purchased taps exceed tap collection	0%	0%	0%	1%	2%
Tax Collection Services	0%	0%	0%	0%	0%
Professional fees	1%	1%	1%	1%	0%
Contracted services	8%	5%	3%	3%	3%
Payroll	1%	1%	1%	1%	1%
Utilities	1%	1%	1%	1%	1%
Repairs and maintenance	0%	0%	0%	0%	0%
Other Expenditures	1%	1%	1%	6%	1%
Capital Outlay	0%	6%	6%	36%	14%
TOTAL EXPENDITURES	90%	91%	88%	122%	99%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	10%	9%	12%	-22%	1%

**ECTOR COUNTY UTILITY DISTRICT
TSI - (8) BOARD MEMBER, KEY PERSONNEL AND CONSULTANTS
SEPTEMBER 30, 2018**

Complete District Mailing Address: 1039 N. Moss Avenue, Odessa, Texas 79763

District Business Telephone Number: (432) 381-5525

Submission Date of the most recent District Registration Form
(TWC Sections 36.054 and 49.054): _____

Limit on Fees of Office that a Director may receive during a fiscal year: \$ 0.00
(Set by Board Resolution – TWC Section 49.060)

<u>Names</u>	<u>Term of Office (Elected or Appointed) or Date Hired</u>	<u>Fees of Officers Paid* 9/30/18</u>	<u>Expense Reimburse- ments 9/30/18</u>	<u>Title at Year End</u>
Board Members:				
Tommy Ervin	(Elected) 6-18-07/11-3-20	None	None	President
Terry Swann	(Elected) 7-21-14/11-8-22	None	None	Director
Cruz Castillo	(Elected) 5-17-10/11-3-20	None	None	Director
Margaret Burton	(Elected) 5-20-13/11-3-20	None	None	Director
Paul Wilkerson	(Elected) 11-18-16/11-8-22	None	None	Director
Key Administrative Personnel:				
Katrina Morales	8-28-17/Present	\$ 35,290	\$ -	Office Manager
Ruth Espinoza	3-16-16/Present	\$ 24,954	\$ -	Admin. Assistant
Consultants:				
Ector County Appraisal District	7-01-05	\$ 8,835	\$ -	Appraiser/ Tax Collector
Joe L. Torres, P.C.	9-01-96	\$ 15,100	\$ -	Independent Auditor

EXHIBIT A

**ECTOR COUNTY UTILITY DISTRICT
ANNUAL REPORT
Financial Statements
with Supplementary Information

Year Ended September 30, 2017
(with Auditor's Report thereon)**

**ECTOR COUNTY UTILITY DISTRICT
TABLE OF CONTENTS**

	<u>Page</u>
Annual Filing Affidavit	1
Independent Auditor's Report	2-3
Management's Discussion and Analysis	4-7
Basic Financial Statements (Columnar Format)	
a. Statement of Net Assets and Governmental Funds Balance Sheet	8
b. Statement of Activities and Governmental Funds Revenues, Expenditures, and Changes in Fund Balance	9
Notes to the Basic Financial Statements	10-16
Required Supplementary Information	18
Budgetary Comparison Schedule	
Option 1- Combined view of a district with a non-appropriated budget	
Texas Supplementary Information (TSI)	
TSI – 1. Services and Rates	21-22
TSI – 2. General Fund Expenditures	23
TSI – 3. Temporary Investments	24
TSI – 4. Taxes Levied and Receivable	25
TSI – 5. Long-Term Debt Service Requirements by Years	26-27
TSI – 6. Changes in Long-Term Bonded Debt	28
TSI – 7. Comparative Schedule of Revenues and Expenditures- General Fund, Debt Service Fund, and Capital Project Fund - Five Years	29-34
TSI – 8. Board Members, Key Personnel, and Consultants	35

ANNUAL FILING AFFIDAVIT

STATE OF TEXAS }
COUNTY OF Ector }

I, Tommy Ervin of the
(Name of Duly Authorized District Representative)

Ector County Utility District
(Name of District)

hereby swear, or affirm, that the district above has reviewed and approved at a meeting of the District's Board of Directors on the 22nd day of January, 2018,
it's annual audit report for the fiscal period ended September 30, 2017
and that copies of the annual audit report have been filed in the District's office, located at 1039 N Moss, Odessa, TX 79763

(Address of the District's Office)

This filing affidavit and the attached copy of the audit report will be submitted to the Texas Commission on Environmental Quality to satisfy the annual filing requirements of Texas Water Code Section 49.194.

Date: January 22nd, 2018

By: _____
(Signature of District Representative)

Tommy Ervin, President
(Typed Name and Title of District Representative)

Sworn to and subscribed to before me this 22nd day of January 2018

(Signature of Notary)

My commission Expires on: _____.

Notary Public in the State of Texas.

JOE L. TORRES, P.C.
Certified Public Accountant

Bus: (432) 550-5882
Fax: (432) 550-5893
5000 E. University, Suite 3
Odessa, Texas 79762

MEMBER OF
AMERICAN INSTITUTE OF CERTIFIED
PUBLIC ACCOUNTANTS
TEXAS SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS

Joe L. Torres, CPA, CVA, CEPA
Monica D. Corey, CPA
1118 N. Big Spring St.
Midland, Texas 79701

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Ector County Utility District

Report on the Financial Statements

I have audited the accompanying financial statements of the governmental activities of Ector County Utility District, as of and for the year ended September 30, 2017, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express opinions on these financial statements based on my audit. I conducted my audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, I express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities of the Ector County Utility District as of September 30, 2017, and the results of its operations thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

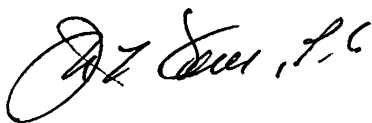
Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 4 through 7 and page 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. I have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge I obtained during my audit of the basic financial statements. I do not express an opinion or provide any assurance on the information because the limited procedures do not provide me with sufficient evidence to express an opinion or provide any assurance.

Other Information

My audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Ector County Utility District's basic financial statements. The accompanying Texas Supplementary Information schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements. The Texas Supplementary Information has been subjected to the auditing procedures applied in the audit of the basic financial statements. In my opinion, the Texas Supplementary Information is fairly stated in all material respects in relation to the basic financial statements as a whole.



Joe L. Torres, P.C.
Odessa, Texas
January 19, 2018

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED SEPTEMBER 30, 2017**

Our discussion and analysis of the Ector County Utility District (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended September 30, 2017. The District's financial performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

OVERVIEW OF THE FINANCIAL STATEMENTS

Management's Discussion and Analysis introduces the District's basic financial statements. The basic financial statements include the government – wide financial statements and notes to the financial statements. The District also includes in this report additional information to supplement the basic financial statements.

FINANCIAL HIGHLIGHTS

- The District's net assets increased by \$540,740 which represents a 4% increase from 2016.
- General Revenues accounted for \$4.5 million in revenues or 88.2 percent of all revenues. Water service revenue provided to residents in the District accounted for \$4.2 million or 82.35 percent of all revenues.
- The District expended \$279,930 on infrastructure capital assets during the current year.
- The District had \$3.9 million in expenses related to the delivery of water service to its residents.
- The District's outstanding '77 Bond Series was paid off in '05.

FINANCIAL ANALYSIS OF THE WATER DISTRICT AS A WHOLE

The District's annual report includes three government-wide financial statements. These statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Assets and the Statement of Activities

Our analysis of the District as a whole begins on page 10. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse as a result of the year's activities?" The Statement of Net Assets and The Statement of Activities report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to accounting used by most private-sector companies. Accrual of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net assets and changes in them. You can think of the District's net assets, the difference between assets, what the District owns, and liabilities, what the District owes, as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net assets are one indicator of the whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the District's jurisdiction, the availability of capital projects, and continuing local government support to assess the overall health of the District.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2017**

Reporting the District's most Significant Funds

The Board of Directors has determined that all of its funds are considered major. The District only has governmental funds.

Major Funds

- General
- Debt Service
- Capital Projects

Governmental Funds: The District's services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds are reported using an accounting method called accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's programs.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the governmental-wide. The notes to the financial statements can be found on pages 10 through 16 of this report.

Other information: In addition to the basic financial statements and accompanying notes, this report also presents schedules which can be found on pages 21 through 35 of this report.

THE DISTRICT AS A WHOLE

The District's total net assets changed from a year ago increasing from \$13.58 million to \$ 14.12 million. Our analysis below focuses on the net assets (Table 1) and changes in net assets (Table 2) of the District's Government activities.

**Table 1
Net Assets (in millions)**

	2017	2016
Cash and investments	\$ 6.92	\$ 6.27
Receivables	1.65	1.96
Other Assets	-	0.09
Capital assets, net of accumulated depreciation	6.99	6.87
Total Assets	15.56	15.19
Long Term Obligations	\$ -	\$ -
Other Liabilities	1.44	1.61
Total Liabilities	1.44	1.61
Net assets:		
Invested in Capital assets, net of related debt	\$ 7.04	\$ 6.94
Restricted	0.40	0.21
Unrestricted	6.68	6.43
Total Net Assets	\$ 14.12	\$ 13.58

Net Assets of the District's activities increased 4.0 percent or 0.54 million. The increase in restricted Net Assets of \$0.19 million is attributed to the tax revenue earned of 0.65 million and transfer from tax fund to general fund and capital project fund of 0.46 million. Unrestricted net assets – the part of net assets that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements – increased by \$0.25 million.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2017**

Table 2 compares the 2017 change in net assets to the 2016 change in net assets.

**Table 2
Changes in Net Assets for 2017
Compared with 2016 activity
(in millions)**

	2017	2016	Change
General Revenues:			
Water Service	\$ 4.23	\$ 4.42	\$ (0.19)
Other Revenues	0.24	0.23	0.01
Debt Service Revenues:			
Property Taxes	0.61	0.58	0.03
Other Revenues	0.04	0.03	0.01
Capital Project Revenues:			
Other Revenues	-	-	-
Total Revenues	<u>\$ 5.12</u>	<u>\$ 5.26</u>	<u>\$ (0.14)</u>
General Expenses			
Water Services	\$ 3.95	\$ 3.89	\$ 0.06
Other Expenses	0.57	0.59	(0.02)
Debt Service			
Interest Expense / Other	-	-	-
Capital Project Expenses			
Other Expenses	0.06	-	0.06
	<u>\$ 4.58</u>	<u>\$ 4.48</u>	<u>\$ 0.10</u>
Increase in Net Assets	<u><u>\$ 0.54</u></u>	<u><u>\$ 0.78</u></u>	<u><u>\$ (0.24)</u></u>

The major increase in General Revenues is derived from the higher volumes in water being served by the District. The major increase in General Expenses is the result of high volumes in water being served by the District.

Financial Analysis of Government Funds

The District's basic financial statements already reflect the major government funds. There are no separate fund financial statements.

Table 3 presents the fund balances of the major funds and an analysis of significant changes in the fund balances.

**Table 3
Changes in Year End Fund Balance
(in millions)**

	2017	2016	% Change
General	\$ 0.31	\$ 0.73	-57.53%
Debt Service	0.19	0.05	280.00%
Capital Projects	0.04	-	N/A
Total Governmental Balances	<u><u>\$ 0.54</u></u>	<u><u>\$ 0.78</u></u>	<u><u>-30.77%</u></u>

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2017**

The 3.95 % increase in the General Fund can be mainly attributed to the transfer of debt service funds of \$0.36 million to cover the cost of capital outlay.

The 89.07% increase in Debt Service Fund can be attributed to collection from property taxes of \$0.66 million and a transfer of \$0.46 million to general fund and capital project fund.

The increase in Capital Projects Fund can be attributed to the transfer from tax fund of 0.1 million to cover the cost of water master plan consulting expenses.

Capital Assets and Debt Administration

Capital Assets

At year-end, the District had \$6.99 million in capital assets. This amount represents a net increase (including additions and deletions) of \$0.12 million, or 1.7 %, over the last year. Depreciation recorded in fiscal 2017 was \$223,368.

Debt Administration

At year-end, the District had \$0 in outstanding bonds payable versus \$0 last year, representing no change. The fiscal year 2017 interest rate was 0%. For a breakdown of the interest payment schedule refer to Note 5 of the basic financial statements. There has been no change in credit ratings of the District, and there are no debt limitations affecting the District's financing of planned facilities or services.

The Budget, Economic Environment and Rates

The District has operated solely in West Ector County since its 1976 formation. The District is currently looking at opportunities for expanding to other parts of West Odessa (Ector County).

The Economic factors impacting the District's budget include real estate development, federal grants, and the oil and gas industry. As noted in the schedule TSI – (4), Analysis of Taxes Levied, the property values have continued to increase. This is a result of some areas within the District being developed. Part of the development that has occurred in the District is a result of the County receiving federal grants to help provide water service.

The District is situated in a predominantly oil and gas based economy. As prices for oil continue to increase, the property values experience similar increases. Therefore, the District will follow the trend of the economics of mineral interests. This factor alone represents the major favorable increase in property tax revenues.

It is important that the District is able to succeed in the development of these projects not only for Ector County and its residents but also for the longevity of the District. The District has no continued revenue source except an administration fee charged on the water service it provides to its customers. With additional construction projects for more customers in Ector County, the District will be able to survive and continue to provide the residents of West Odessa with an easier way to get water service.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET
For 12 Periods of Fiscal Year Ending September 30, 2017
Period Ending September 30, 2017

	General Fund	Debit Service Fund	Capital Project Fund	Governmental Funds Total	Adjustments	Government Wide Total
ASSETS						
Cash and investments	\$ 6,677,355	\$ 194,678	\$ 44,244	\$ 6,916,277	\$ -	\$ 6,916,277
Taxes receivable	-	907,925	-	907,925	-	907,925
Other receivables	364,258	18,283	-	382,541	-	382,541
Due from Other Governments	359,212	-	-	359,212	-	359,212
Due from Other Funds	37,745	-	-	37,745	(37,745)	-
Other Assets	-	-	-	-	-	-
Capital assets (net of accumulated depreciation)						
Land & Improvements	-	-	-	-	614,799	614,799
Infrastructure	-	-	-	-	6,373,298	6,373,298
Other capital assets	-	-	-	-	5,149	5,149
Total assets	<u>\$ 7,438,570</u>	<u>\$ 1,120,886</u>	<u>\$ 44,244</u>	<u>\$ 8,603,700</u>	<u>\$ 6,955,501</u>	<u>\$ 15,559,201</u>
LIABILITIES						
Accounts payable	\$ 381,701	\$ -	\$ -	\$ 381,701	\$ -	\$ 381,701
Payable from Restricted						
Assets-Deposits	359,212	-	-	359,212	-	359,212
Payable for water loop construction	-	-	-	-	-	-
Payroll tax liabilities	3,647	-	-	3,647	-	3,647
Accrued Expenses	5,688	-	-	5,688	-	5,688
Deferred revenues	-	687,104	-	687,104	-	687,104
Due to Other Funds	-	37,745	-	37,745	(37,745)	-
Other Payables	876	-	-	876	-	876
Long-term liabilities:						
Due within one year	-	-	-	-	-	-
Due after one year	-	-	-	-	-	-
Total Liabilities	<u>751,124</u>	<u>724,849</u>	<u>-</u>	<u>1,475,973</u>	<u>(37,745)</u>	<u>1,438,228</u>
FUND BALANCES/NET ASSETS						
Fund balances:						
Nonspendable	-	-	-	-	-	-
Restricted	-	-	-	-	-	-
Committed	-	-	-	-	-	-
Debt service funds	2,000	-	-	2,000	(2,000)	-
Capital projects funds	-	-	-	-	-	-
Assigned	-	396,037	44,244	440,281	(440,281)	-
Unassigned	6,685,446	-	-	6,685,446	(6,685,446)	-
Total fund balances	<u>6,687,446</u>	<u>396,037</u>	<u>44,244</u>	<u>7,127,727</u>	<u>(7,127,727)</u>	<u>-</u>
Total liabilities and fund balances	<u>\$ 7,438,570</u>	<u>\$ 1,120,886</u>	<u>\$ 44,244</u>	<u>\$ 8,603,700</u>	<u>\$ (7,165,472)</u>	<u>\$ 1,438,228</u>
Net assets:						
Invested in capital assets net of related debt						
Restricted for debt services					396,037	396,037
Restricted for capital projects					7,037,490	7,037,490
Unrestricted					6,687,446	6,687,446
Total net assets					<u>\$ 14,120,973</u>	<u>\$ 14,120,973</u>

See accompanying notes to financial statements.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES,
EXPENDITURES, AND CHANGES IN FUND BALANCES
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2017

	General Fund	Debt Service Fund	Capital Projects Fund	Governmental Funds Total	Adjustments	Government Wide Total
Revenues:						
Charges for water service	\$ 4,227,476	\$ -	\$ -	\$ 4,227,476	\$ -	\$ 4,227,476
Property taxes	-	612,494	-	612,494	-	612,494
Tap connection and inspection fees	(6,634)	-	-	(6,634)	-	(6,634)
Investments earnings (loss)	(24,924)	-	-	(24,924)	-	(24,924)
Penalties and Interest	-	27,445	-	27,445	-	27,445
Grant Revenue	264,567	-	-	264,567	-	264,567
Other	9,117	13,908	140	23,165	-	23,165
Total revenues	4,469,602	653,847	140	5,123,589	-	5,123,589
Expenditures/expenses:						
Service operations:						
Purchased water service	3,946,357	-	-	3,946,357	-	3,946,357
Salaries, benefits, payroll taxes & Contract Labor	55,509	-	-	55,509	-	55,509
Contracted services	157,609	9,679	-	167,288	-	167,288
Professional fees	29,274	-	-	29,274	-	29,274
Director fees	-	-	-	-	-	-
Water Master Plan Consulting	-	-	55,896	55,896	-	55,896
Other	104,654	-	-	104,654	-	104,654
Capital outlay	279,930	-	-	279,930	(279,930)	-
Debt service:						
Principal	-	-	-	-	-	-
Interest	-	-	-	-	-	-
Depreciation & Amortization	-	-	-	-	223,871	223,871
Total expenditures/expenses	4,573,333	9,679	55,896	4,638,908	(56,059)	4,582,849
Excess (deficiency) of revenues over expenditures	(103,731)	644,168	(55,756)	484,681	56,059	540,740
Other financing sources/(uses):						
Transfers-internal activities	357,597	(457,597)	100,000	-	-	-
Excess (deficiency) of revenues and transfer in over expenditures and transfers out	253,866	186,571	44,244	484,681	56,059	540,740
Change in net assets	253,866	186,571	44,244	484,681	56,059	540,740
Fund balance/net assets:						
Beginning of the year	6,431,580	209,466	-	6,641,046	6,939,187	13,580,233
End of the year	\$ 6,685,446	\$ 396,037	\$ 44,244	\$ 7,125,727	\$ 6,995,246	\$ 14,120,973

See accompanying notes to financial statements.

**ECTOR COUNTY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 1: CREATION OF DISTRICT

Ector County Utility District (the District) was created by the petition signed by more than 200 persons owning property within the District, on July 12, 1976 under the authority of the Commissioners Court of Ector County, Texas. The District was created under the provisions of Article XVI, Section 59 of the Texas Constitution and operated under the statutory authority of Section 51 of the Texas Water Code until March 10, 1981. At that time, the District was changed to a Municipal Utility District operating under the statutory authority of Section 54.030 of the Texas Water Code. Bonds were issued in August of 1977, and construction of fixed assets began in September of 1977. Primary construction was completed in April of 1979.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The District's basic financial statements include the accounts of all the district's activities. The criteria for including activities within the District's reporting entity, as set forth in GASB Statement No. 14, "The Financial Reporting Entity"; primarily include the degree of oversight responsibility maintained by the Board of Directors. Examples of oversight responsibility include financial interdependency, selection of governing authority, designation of management's ability to significantly influence operations and accountability for fiscal matter. A minimum of two directors are elected every other year to serve a four-year term. This Board of Directors is the policy making and oversight body for the District.

Government Wide Financial Statements

The government-wide financial statements include the statement of net assets and the statement of activities. These statements report financial information for the District as a whole and reflect all the governmental funds maintained by the District. There are no separate fund financial statements.

Basis of Accounting

The financial statements of the District are prepared in accordance with generally accepted accounting principles (GAAP). The government-wide statements report uses the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property tax revenues are recognized in the year for which they are levied.

Basis of Presentation – Fund Accounting

The operations of the District are recorded in the following fund types and account groups:

Governmental Fund Types

- The General Fund accounts for financial resources in use for general types of operations. This is a budgeted fund, and any fund balances are considered as resources available for use.
- The Debt Service Fund accounts for the use of debt services taxes and other revenues collected for the purposes of retiring bond principal and paying interest due. This is a budgeted fund.
- The Capital Projects Fund accounts for proceeds from sales of bonds and other revenues to be used for authorized construction. This is a budgeted fund.

Budget Basis of Accounting

The budget is presented on the accrual basis of accounting which is consistent with generally accepted accounting principles ("GAAP").

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Investments

The District invests in authorized U.S. Government Securities, Money Market accounts, government agency securities, corporate bonds, and other securities. Investments are carried at fair value. Management's intent is to hold all investments to maturity.

Capital Assets

The District's land, improvements, and infrastructure with useful lives of more than one year are stated at historical cost and comprehensively reported in the government-wide financial statements. The District maintains infrastructure assets records consistent with all other capital assets. Donated assets are stated at fair value on the date donated. The District generally capitalizes assets purchased and construction outlays when they occur. The costs of normal maintenance and repairs that do not add to the asset value or materially extend useful lives are not capitalized. Capital assets are depreciated using the straight-line method. When capital assets are disposed, the cost and applicable accumulated depreciation are removed from the respective accounts, and the resulting gain or loss is recorded in operations.

Estimated useful lives, in years, for depreciable assets are as follows:

Building	40
Water Systems	50
Office Equipment	5

Other Capital Assets

The District capitalized and charged to organizational costs all costs incurred in the creation of the District. Additionally, the District capitalized during the construction period all costs incurred in the issue of sale of bonds, bond interest, attorney fees and certain administrative expenses. Interest income earned during the construction period on investment of unused funds was credited to organizational costs.

	Total Interest Costs Incurred	Interest Revenue Used to Offset Interest Costs	Capitalized Interest
General	\$500,000	\$7,000	\$493,000

These interest costs are being amortized on a straight line basis over the term of the Bonds which is 30 years. There is no material difference in comparison to the utilization of the effective interest method.

The organization costs of \$ 20,117 are being amortized over a 40 year period. By the end of 2017 fiscal year, the organization cost is fully amortized.

Net Assets

Net Assets represent the difference between assets and liabilities. Net assets invested in capital assets, net of related debt consists of capital assets, net of accumulated depreciation. Net assets are reported as restricted when there are limitations imposed on their use either through the enabling legislations adopted by the District or through external restrictions imposed by laws or regulations of other governments.

The order of spending and availability of the fund balance shall be to reduce funds from the listed areas in the following order: restricted, committed, assigned, and then unassigned funds. Negative amounts shall not be reported for restricted, committed, or assigned funds. The five classifications of fund balance of the governmental types are as follows:

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Non-spendable fund balance shall mean that portion of the gross fund balance that is not expendable (such as inventories) or is legally earmarked for a specific use.

Restricted fund balance shall include amounts constrained to a specific purpose by the provider, such as a grantor.

Committed fund balance shall mean that portion of the fund balance that is constrained to a specific purpose by the Board of Directors.

Assigned fund balance shall mean that portion of the fund balance that is spendable or available for appropriation but has been tentatively earmarked for some specific purpose. When it is appropriate for fund balance to be assigned, the Board delegates the responsibility to assign funds to the Board President or his designee.

Unassigned fund balance shall include amounts available for any legal purpose. This portion of the total fund balance in the General Fund is available to finance operating expenditures. Unassigned fund balance shall mean the difference between the total fund balance and the total of the non-spendable fund balance, restricted fund balance, committed fund balance and assigned fund balance.

NOTE 3: PLEDGE OF REVENUES

Under the provisions of the Water System and Refunding Bonds, series 1977, Section 7(a), the bonds are payable from the proceeds of an ad valorem tax levied upon all taxable property subject to taxation within the District, without limitation as to rate or amount, and are further payable from and secured by a lien on and pledge of the net revenues to be received from the operation of the District Waterworks. See Note 6 for debt service tax rate and the assessed values.

NOTE 4: CASH AND TEMPORARY INVESTMENTS

The District maintains and controls two cash operating accounts in the General Fund and Debt Service Fund. In addition, certificates of deposits, governmental securities, mutual funds and governmental money market mutual funds are separately held and reflected in their respective fund.

All funds of the District are secured in the manner provided by law, and except for current requirements, shall be continually invested and re-invested in investment securities authorized in Chapter 51, Texas Water Code.

At September 30, 2017, cash and temporary investments totaled \$6,916,277 which included \$6,375,572 in governmental securities, corporate bonds, governmental agency funds, and other investments and \$540,705 in checking accounts. The various investment securities bear interest at various rates. The checking accounts bear interest at various rates from 0% to 0.2% at September 30, 2017.

The District's investment policy allows investments only in:

- (1) obligations of the United States and the State of Texas or its agencies in instrumentalities;
- (2) direct obligations of the State of Texas;
- (3) other obligations, the principal of and interest on which are unconditionally guaranteed or insured by the State of Texas or the United States or its agencies of instrumentalities;
- (4) obligations of the states, agencies, counties, cities, and other political subdivisions of any state having been rated at not less than an "A" by a nationally recognized rating firm;
- (5) certificates of deposit issued by state and national banks domiciled in Texas that are guaranteed or insured by the FDIC or secured by obligations described above;
- (6) other investments;

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 4: CASH AND TEMPORARY INVESTMENTS (Continued)

Deposits are invested at two financial institutions and are secured as follows:

	<u>Fair Value Amount</u>	<u>Category</u>
Deposits insured by Federal Deposit Insurance Corporation	\$ 750,000	1
Deposits invested in various securities held at Raymond James	\$6,169,277	1
TOTAL	<u>\$6,916,277</u>	

Cash and Investments held at a financial institution can be categorized according to three levels of risk. These three levels of risk are:

- Category 1 Cash and Investments that are insured, registered or held by the entity or by its agent in the District name.
- Category 2 Investments that are uninsured and unregistered held by the counterparty's trust department or agent in the District name.
- Category 3 Uninsured and unregistered investments held by the counterparty, its trust or its agent, but not in the District name.

Based on these three levels of risk, all of the District's cash deposits and certificates of deposits are classified as Category 1 and the District's Investment in governmental securities, mutual funds and government money market funds are classified by risk level as Category 2.

NOTE 5: BONDED DEBT PAYABLE

The District issued bonds in 1977 and 1978 to finance the construction of the water system. These bonds bear interest at the following rates per annum:

District's \$4,860,000 Series 1977 Bonds - \$5,000 denominations	
Bonds numbered 733 through 972, maturing in the years 2003 through 2005	4.60%

Interest is payable semi-annually on August 1 and February 1 until the principal sum is paid in full.

The District reserves the right to redeem the unmatured bonds on the dates shown in the tables below by paying the following redemption prices, expressed as a percentage of par value, plus accrued interest:

<u>Series 1977 Redemption Dates</u>	<u>Redemption Price</u>
August 1, 1996 and thereafter	100%

If less than all of the bonds then outstanding are called for redemption, the bonds shall be called in inverse numerical order. The general long-term debt as of September 30, 2017 follows:

<u>Obligation</u>	<u>Original Amount</u>	<u>Interest Rate</u>	<u>Balance Outstanding 10-1-16</u>	<u>Issued (Retired) During Year</u>	<u>Balance Outstanding 9-30-17</u>
1977 Series	\$4,860,000	4.60%	\$ -	\$ -	\$ -
			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 5: BONDED DEBT PAYABLE (Continued)

Maturities of bonded debt payable at September 30, 2017, are as follows:

Year ending September 30 2017	Principal	Interest	Total
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -

The Debt Service Fund is being managed and utilized according to the provisions of the bond resolutions. There are no escrowed or reserved amounts nor has there been any use of surplus or escrowed funds requiring Director's approval.

NOTE 6: LEVY OF AD VALOREM TAXES

Property tax is levied each October 1 on the assessed (appraised) value listed as of the prior January 1 for all real and business property located in the District. Taxable assessed value represents the appraisal value less exemptions authorized by the District. Appraised values are established by the Appraisal District at 100% for estimated fair market value.

Property taxes receivable are recorded in the Debt Service Fund fifteen days (taxpayer protest period) after the debt service budget is approved by the Board. Revenues are recognized for the budgeted year. At fiscal year end, the receivables represent current and delinquent taxes.

Taxes are due on October 1, the levy date, and are delinquent after the following January 31.

Property taxes are collected and remitted to the District by the Appraisal District. There is only one debt service tax assessment. There is no maintenance tax assessment. Effective July 1, 2017, the District levied an ad valorem tax of \$0.081383 per \$100 assessed valuation on all taxable property with appraised value of \$781,734,573 within the District. Major tax payments are received between October and February and are recognized as revenue for the related tax year. Property taxes become delinquent on February 1.

The fund balance in the Debt Service Fund has been designated to be used solely for payment of the interest on and principal of the Outstanding Bonds.

NOTE 7: WATER RATES

The District has established a water rate charge to its customers based upon rate charged by the City of Odessa (City) to its customers within the City limits. The rate the City charges the District for water purchased is based on the total number of customers within the District. Currently, the rate is 1.5 times the rate charged by the City to its customer within the City limits.

Actual water rates charged by the District to its customers are as follows:

First 2,000 gallons	\$18.87 (minimum)
Any additional gallons	5.26 per thousand

NOTE 8: CAPITAL ASSETS

The following table provides a summary of changes in capital asset.

	Balance September 30, 2016	Addition	Retirements	Balance September 30, 2017
Land & Improvement	\$ 674,174	\$ -	\$ -	\$ 674,174
Water System	10,089,027	341,885	(63,912)	10,367,000
Engineering Costs	712,018		-	712,018
Office Equipment	15,011	1,957	-	16,968
	<u>\$ 11,490,230</u>	<u>\$ 343,842</u>	<u>\$ (63,912)</u>	<u>\$ 11,770,160</u>

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 8: CAPITAL ASSETS (CONTINUED)

The following table provides a summary of changes in the accumulated depreciation.

	Balance September 30, 2016	Expense	Retirements	Balance September 30, 2017
Land & Improvement	\$ 42,139	\$ 17,237	\$ -	\$ 59,376
Water System	4,500,683	205,036	-	4,705,719
Engineering Costs	-	-	-	-
Office Equipment	10,723	1,095	-	11,818
	<u>\$ 4,553,545</u>	<u>\$ 223,368</u>	<u>\$ -</u>	<u>\$ 4,776,913</u>

NOTE 9: GASB 34 IMPLEMENTATION

Effective October 1, 2003, Ector County Utility District, adopted GASB Statement No. 34, Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments. This pronouncement establishes standards for the form and content of the basic financial statements to be issued by all state and local governmental entities. As a result of the adoption of GASB No. 34, the following adjustments are reflected in the basic financial statements as follows:

COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET

Fund balances - total government fund		\$ 7,127,727
Amounts reported for governmental activities in the statement of net assets are different because:		
Capital assets used and governmental activities are not financial resources therefore are not reported in the governmental funds.		
Governmental capital assets	11,770,160	
Less accumulated depreciation	(4,776,914)	6,993,246
Other assets used in governmental activities are not financial resources and therefore are not reported in the governmental funds.		
Bond Costs	492,627	
Organizational Costs	20,117	
Less accumulated amortization	(512,744)	-
Long term liabilities, including bonds payable in the current period and therefore are not reported in the governmental funds.		
Bonds payable		-
Net assets of government activities		<u>\$ 14,120,973</u>

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2017**

NOTE 9: GASB 34 IMPLEMENTATION (Continued)

**COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES, EXPENDITURES AND CHANGES
IN FUND BALANCES**

Net change in fund balances - total governmental funds	\$	484,681
--	----	---------

Amounts reported for governmental activities in the
statement of activities are different because:

Governmental funds report capital outlays as expenditures.
However, in the statements of activities, the cost of those
assets are depreciated over their estimated useful lives.

Expenditures for capital assets	279,930		
Less current year depreciation	(223,871)		56,059

Repayment of bond principal is an expenditure in the
governmental funds, but the repayment reduces long
term liabilities in the statement of net assets.

Principal payments		-	
Changes in net assets of government activities		<u>\$ 540,740</u>	

REQUIRED SUPPLEMENTARY INFORMATION

ECTOR COUNTY UTILITY DISTRICT
RSI – 1 BUDGETARY COMPARISON SCHEDULE – COMBINED VIEW WITH A NON-APPROPRIATED
BUDGET FOR THE YEAR ENDED SEPTEMBER 30, 2017

	<u>Actual</u>	<u>Original Budget</u>	<u>Variance Positive (Negative)</u>
Revenues:			
Charges for Water Service	\$ 4,227,476	\$ 4,227,000	\$ 476
Property taxes	612,494	\$ 612,000	494
Penalties and interest	27,445	\$ 27,000	445
Investment earnings	(24,924)	\$ (25,000)	76
Grant Revenue	264,567	\$ 265,000	(433)
Other	23,165	\$ 23,000	165
Total revenues	<u>\$ 5,130,223</u>	<u>\$ 5,129,000</u>	<u>\$ 1,223</u>
Expenditures/expenses:			
Service operations:			
Purchased water service	\$ 3,946,357	\$ 3,946,000	\$ (357)
Tap connection and inspection fees	6,634	\$ 7,000	366
Salaries, benefits, payroll taxes & Contract Labor	55,509	\$ 56,000	491
Contracted services	167,288	\$ 167,000	(288)
Professional fees	29,274	\$ 29,000	(274)
Water Master Plan Consulting	55,896	\$ 56,000	104
Other	104,654	\$ 105,000	346
			-
Debt Service			-
Principal and interest	\$ -		\$ -
Other expenses	-		-
Capital outlay	<u>279,930</u>	<u>280,000</u>	<u>70</u>
Total expenditures/expenses	4,645,542	4,646,000	458
Excess (deficiency) of revenues over expenditures	484,681	483,000	1,681
			-
Other financing sources/uses:			-
Transfers - internal activities	<u>-</u>	<u>-</u>	<u>-</u>
Excess (deficiency) of revenues and transfers in over expenditures and transfers out	<u>484,681</u>	<u>483,000</u>	<u>1,681</u>
Fund balance:			
Beginning of the year	<u>\$ 6,641,046</u>	<u>\$ 6,645,465</u>	
End of the year	<u>\$ 7,125,727</u>	<u>\$ 7,128,465</u>	

TEXAS SUPPLEMENTARY INFORMATION

**ECTOR COUNTY UTILITY DISTRICT
SUPPLEMENTARY SCHEDULES INCLUDED WITHIN THIS REPORT
SEPTEMBER 30, 2017**

Notes Required by the Agency

The required information is included within the notes to the basic financial statements.

- TSI – 1 Service and Rates**
- TSI – 2 Schedule of General Fund Expenditures**
- TSI – 3 Schedule of Temporary Investments**
- TSI – 4 Analysis of Taxes Levied and Receivable**
- TSI – 5 Long-Term Debt Service Requirements – by Years**
- TSI – 6 Changes in Long-Term Debt**
- TSI – 7 Comparative Statement of Revenues and Expenditures – All Governmental Fund Types – Five Years**
- TSI – 8 Board Members, Key Personnel and Consultants**

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES
YEAR ENDED SEPTEMBER 30, 2017**

1. Services Provided by the District during the Fiscal Year:

<input checked="" type="checkbox"/> Retail Water	<input type="checkbox"/> Wholesale Water	<input type="checkbox"/> Drainage
<input type="checkbox"/> Retail Wastewater	<input type="checkbox"/> Wholesale Wastewater	<input type="checkbox"/> Irrigation
<input type="checkbox"/> Parks/Recreation	<input type="checkbox"/> Fire Protection	<input type="checkbox"/> Security
<input type="checkbox"/> Solid Waste/Garbage	<input type="checkbox"/> Flood Control	<input type="checkbox"/> Roads
<input type="checkbox"/> Participates in joint venture, regional system, and/or wastewater service (other than emergency interconnect)		
<input type="checkbox"/> Other (specify): _____		

2. Retail Service Providers

a. Retail Rates for a 5/8" meter (or equivalent):

	<u>Minimum Charge</u>	<u>Minimum Usage</u>	<u>Flat Rate Y/N</u>	<u>Rate per 1000 Gallon Over Minimum Use</u>	<u>Usage Level</u>
WATER:	\$ <u>18.87</u>	<u>2000 GALS</u>	<u>N</u>	\$ <u>5.26</u>	<u>2001</u> to <u>++</u>
WASTE WATER:	\$ _____	_____	_____	\$ _____	_____ to _____
SURCHARGE:	\$ _____	_____	_____	\$ _____	_____ to _____

District employs winter averaging for wastewater usage? Yes ☐ No ☒

Total charges per 10,000 gallons usage: Water: \$ 60.95 Wastewater: \$ _____

b. Water and Wastewater Retail Connections:

<u>Meter Size</u>	<u>Total Connections</u>	<u>Active Connections</u>	<u>ESFC Factor</u>	<u>ESFC</u>	<u>Active</u>
Unmetered					
≤3/4"	<u>5,213</u>	<u>5,063</u>	x 1.0		<u>5,063</u>
1"	_____	_____	x 2.5		_____
1 1/2"	_____	_____	x 5.0		_____
2"	_____	_____	x 8.0		_____
3"	_____	_____	x 15.0		_____
4"	_____	_____	x 25.0		_____
6"	_____	_____	x 50.0		_____
8"	_____	_____	x 80.0		_____
10"	_____	_____	x 115.0		_____
Total Water	<u>5,213</u>	<u>5,063</u>			<u>5,063</u>
Total Wastewater	<u>-</u>	<u>-</u>	x 1.0		_____

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES (Continued)
YEAR ENDED SEPTEMBER 30, 2017**

3. Total Water Consumption during the Fiscal Year (rounded to the nearest thousand):

Gallons pumped into system: 488,981

Water accountability Ratio:
(Gallons billed/ Gallons pumped)
0.834

Gallons billed to customers: 407,617

4. Standby Fees (authorized only under TWC Section 49.231):

Does the District have Debt Service standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

Does the District have Operation and Maintenance standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

5. Location of District

County(ies) in which the District is located: Ector

Is the District located entirely within one county? Yes ☒ No ☐

Is the District located within a city? Entirely ☐ Partly ☒ Not at all ☐

City(ies) in which the District is located: Odessa

Is the District located within a city's extra territorial jurisdiction (ETJ)?
Entirely ☐ Partly ☒ Not at all ☐

ETJs in which the District is located: Ector County

Are board members appointed by an office outside the district? Yes ☐ No ☒

If yes, by whom? N/A

**ECTOR COUNTY UTILITY DISTRICT
TSI – (2) SCHEDULE OF GENERAL FUND EXPENDITURES
FOR THE YEAR ENDED SEPTEMBER 30, 2017**

Personnel Expenditures (including benefits)*	<u>\$ 55,509</u>
Professional Fees:	
Auditing	<u>14,000</u>
Legal	<u>15,274</u>
Engineering	<u>-</u>
Financial Advisor	<u>-</u>
Purchased Services For Resale	
Bulk Water and Wastewater Service Purchases	<u>3,946,357</u>
Tap collection and inspection fees	<u>71,981</u>
Contracted Services:	
Bookkeeping	<u>-</u>
General Manager	<u>-</u>
Appraisal District	<u>-</u>
Tax Collector	<u>-</u>
Other Contracted Services	<u>259,548</u>
Utilities + Rent	<u>25,285</u>
Repairs and Maintenance	<u>8,603</u>
Administrative Expenditures:	
Office Supplies	<u>10,399</u>
Insurance	<u>9,298</u>
Other Administrative Expenditures	<u>14,705</u>
Capital Outlay:	
Capitalized Assets	<u>279,930</u>
Expenditures not Capitalized	<u>-</u>
Tap Connection Expenditures	<u>-</u>
Solid Waste Disposal	<u>-</u>
Fire Fighting	<u>-</u>
Parks and Recreation	<u>-</u>
Other Expenditures	<u>-</u>
TOTAL EXPENDITURES	<u><u>\$ 4,710,889</u></u>

*Number of persons employed by the District: 0 Full-Time 2 Part-Time

**ECTOR COUNTY UTILITY DISTRICT
TSI – (3) SCHEDULE OF TEMPORARY INVESTMENTS
SEPTEMBER 30, 2017**

Funds	Indentification or Certificate Number	Interest Rate	Maturity Date	Balance at End of Year	Accrued Interest Receivable at End of Year
<u>General Funds</u>					
Raymond James Government Securities	78758222	0.08%-4.50%	Various	<u>\$ 6,375,572</u>	<u>\$ 13,634</u>
Total				<u><u>\$ 6,375,572</u></u>	<u><u>\$ 13,634</u></u>
<u>Debt Service Fund</u>					
Total				<u>\$ -</u>	<u>\$ -</u>
Total - All Funds				<u><u>\$ 6,375,572</u></u>	<u><u>\$ 13,634</u></u>

**ECTOR COUNTY UTILITY DISTRICT
TSI – (4) ANALYSIS OF TAXES LEVIED AND RECEIVABLE
YEAR ENDED SEPTEMBER 30, 2017**

	Maintenance Taxes	Service Taxes	District Taxes
Taxes Receivable, Beginning of Year	\$ -	\$ 817,243	\$ -
2017 Original Tax Levy (less abatements)	-	687,104	-
Total to be accounted for	-	1,504,347	-
Tax Collections:			
Current year	-	-	-
Prior years	-	596,422	-
Total Tax Collections	-	596,422	-
Taxes Receivable, End of Year	-	907,925	-
Taxes Receivable , By Years			
2016 and Prior Years	-	220,821	-
2017	-	687,104	-
Taxes Receivable, End of Year	\$ -	\$ 907,925	\$ -

	2017	2016	2015	2014
Property Valuations:				
Land	\$ 93,421,540	\$ 93,651,546	\$ 89,425,881	\$ 88,645,127
Improvements	607,113,454	574,705,679	541,219,754	477,924,790
Personal Property	81,199,579	67,425,097	112,091,849	146,213,207
Total Property Valuations	\$ 781,734,573	\$ 735,782,322	\$ 742,737,484	\$ 712,783,124
Tax Rates Per \$100 Valuation:				
Debt service tax rates	\$0.081383	\$0.084985	\$0.073819	\$0.070147
Total Tax Rates per \$100 Valuations	\$0.081383	\$0.084985	\$0.073819	\$0.070147
Original Tax Levy:	\$ 687,104	\$ 625,329	\$ 595,595	\$ 499,996
Percent of Taxes Collected to Taxes Levied	86.80%	88.54%	81.78%	97.66%

**ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2017**

<u>DUE DURING FISCAL YEAR ENDING</u>	<u>Series 1977</u>		<u>Total</u>
	<u>Principal Due 08/01</u>	<u>Interest Due 02/01,08/01</u>	
2017	\$ _____ -	\$ _____ -	\$ _____ -
	<u>\$ _____ -</u>	<u>\$ _____ -</u>	<u>\$ _____ -</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2017

<u>DUE DURING FISCAL YEAR ENDING</u>	<u>Series 1978</u>		<u>Total</u>
	<u>Principal Due 08/01</u>	<u>Interest Due 02/01,08/01</u>	
2017	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (6) ANALYSIS OF CHANGES IN LONG-TERM BONDED DEBT
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2017

	Bond Issues		
	Series 1977	Series 1978	Total
Interest Rate	4.60% to 6.00%		
Dates Interest Payable	02-01 and 08-01		
Maturity Dates	08/01/06		
Beginning Bonds Outstanding	\$ -	\$ -	\$ -
Bonds Sold During the Fiscal Year	\$ -	\$ -	\$ -
Bond Retired During the Fiscal Year	\$ -	\$ -	\$ -
Ending Bonds Outstanding	\$ -	\$ -	\$ -
Interest Paid During the Fiscal Year	\$ -	\$ -	\$ -
Paying Agent's Name and City			
	Series 1977: <u>J.P. Morgan Chance Bank, Dallas, TX</u>		
	Series 1978: <u>J.P. Morgan Chance Bank, Dallas, TX</u>		
Bond Authority:	Tax Bonds	Other Bonds	Refunding Bonds
Amount Authorized by Voters	\$ 5,950,000	\$ -	\$ -
Amount Issued	\$ 5,560,000	\$ -	\$ -
Remaining To Be Issued	\$ 390,000	\$ -	\$ -
Debt Service Fund cash and temporary investments balances as of September 30, 2017:			\$ 194,678
Average annual debt service payment (Principal and Interest) for remaining term of all debt:			\$ -

**ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2017**

GENERAL FUND	AMOUNTS				
	2017	2016	2015	2014	2013
REVENUES:					
Water Service	\$4,227,476	\$4,416,456	\$3,965,693	\$3,896,654	\$3,687,972
Tap connection fees					
Investment earnings (loss)	(24,924)	175,328	179,102	94,979	(17,526)
Others	273,684	61,918	3,746	3,330	5,228
TOTAL REVENUES	\$4,476,236	\$4,653,702	\$4,148,541	\$3,994,963	\$3,675,674
EXPENDITURES:					
Purchased water services	3,946,357	3,881,528	3,472,589	3,449,419	3,279,390
Purchased taps exceed tap collecti	6,634	13,710	28,699	100,519	18,645
Professional fees	29,274	48,066	23,864	14,968	17,120
Contracted services	203,652	177,393	158,583	134,440	131,339
Payroll & Contract Labor	55,509	52,533	37,210	38,558	47,526
Utilities	25,285	24,491	27,133	39,281	30,404
Repairs and maintenance	8,603	6,600	13,826	-	-
Other Expenditures	24,723	75,433	282,072	57,785	54,334
Capital Outlay	279,930	329,297	1,651,184	612,333	3,500
TOTAL EXPENDITURES	4,579,967	4,609,051	5,695,160	4,447,303	3,582,258
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(\$103,731)	\$44,651	(\$1,546,619)	(\$452,340)	\$93,416

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2017

GENERAL FUND	PERCENT OF FUND TOTAL REVENUE				
	2017	2016	2015	2014	2013
REVENUES:					
Water Service	101%	95%	96%	98%	100%
Tap connection fees	0%	0%	0%	0%	0%
Investment earnings	-1%	5%	4%	2%	0%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Purchased water services	88%	83%	84%	86%	89%
Purchased taps exceed tap collection	0%	0%	1%	3%	1%
Professional fees	1%	1%	1%	0%	0%
Contracted services	5%	4%	3%	3%	4%
Payroll	1%	1%	1%	1%	1%
Utilities	1%	1%	1%	1%	1%
Repairs and maintenance	0%	0%	0%	0%	0%
Other Expenditures	1%	2%	6%	1%	1%
Capital Outlay	6%	7%	40%	15%	0%
TOTAL EXPENDITURES	103%	99%	137%	111%	97%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	-3%	1%	-37%	-11%	3%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2017

	AMOUNTS				
DEBT SERVICE FUND	2017	2016	2015	2014	2013
REVENUES:					
Property Taxes	\$612,494	\$584,094	\$487,089	\$488,309	\$487,500
Penalty and interest	27,445	22,601	20,080	23,454	21,409
Investment earnings				-	-
Other	13,908	9,751	886	12,204	-
TOTAL REVENUES	\$653,847	\$616,446	\$508,055	\$523,967	\$508,909
EXPENDITURES:					
Tax Collection Services	9,679	5,370	6,532	6,218	7,840
Other Expenditures			50	30	(11,288)
Debt service, interest and fees			-	-	-
TOTAL EXPENDITURES	9,679	5,370	6,582	6,248	(3,448)
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$644,168	\$611,076	\$501,473	\$517,719	\$512,357
TOTAL ACTIVE RETAIL WATER CONNECTIONS	5,063	4,957	4,999	5,053	4,687

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2017

	PERCENT OF FUND TOTAL REVENUE				
	2017	2016	2015	2014	2013
DEBT SERVICE FUND:					
REVENUES:					
Property taxes	94%	95%	94%	94%	96%
Penalty and interest	4%	4%	5%	4%	4%
Investment earnings	0%	0%	0%	0%	0%
Other	2%	1%	1%	2%	0%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Tax Collection Services	1%	1%	1%	1%	2%
Other Expenditures	0%	0%	0%	0%	-2%
Debt service, interest and fees	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	1%	1%	1%	1%	-1%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	99%	99%	99%	99%	101%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2017

CAPITAL PROJECT FUND	AMOUNTS				
	2017	2016	2015	2014	2013
REVENUES:					
Transfer from Other Funds	100,000	-	-	-	-
Investment earnings	140	-	-	44	218
TOTAL REVENUES	\$100,140	\$0	\$0	\$44	\$218
EXPENDITURES:					
Capital Outlay					
Other Expenditures	55,896	-	-	-	-
	-	-	-	-	-
TOTAL EXPENDITURES	55,896	-	-	-	-
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$44,244	\$0	\$0	\$44	\$218

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2017

	PERCENT OF FUND TOTAL REVENUE				
	2017	2016	2015	2014	2013
CAPITAL PROJECT FUND:					
REVENUES:					
	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%
Investment earnings	100%	0%	0%	100%	100%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Capital Outlay	0%	0%	0%	0%	0%
Other Expenditures	56%	0%	0%	0%	66%
	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	56%	0%	0%	0%	66%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	44%	100%	100%	100%	34%

**ECTOR COUNTY UTILITY DISTRICT
TSI - (8) BOARD MEMBER, KEY PERSONNEL AND CONSULTANTS
SEPTEMBER 30, 2017**

Complete District Mailing Address: 1039 N. Moss Avenue, Odessa, Texas 79763

District Business Telephone Number: (432) 381-5525

Submission Date of the most recent District Registration Form
(TWC Sections 36.054 and 49.054): _____

Limit on Fees of Office that a Director may receive during a fiscal year: \$ 0.00
(Set by Board Resolution – TWC Section 49.060)

<u>Names</u>	<u>Term of Office (Elected of Appointed) or Date Hired</u>	<u>Fees of Officers Paid* 9/30/17</u>	<u>Expense Reimburse- ments 9/30/17</u>	<u>Title at Year End</u>
Board Members:				
Tommy Ervin	(Elected) 5-6-12/5-6-18	None	None	President
Terry Swann	(Appointed) 7-21-17/7-21-18	None	None	Director
Cruz Castillo	(Appointed) 5-17-10/5-17-18	None	None	Director
Margaret Burton	(Appointed) 9-11-13/9-11-18	None	None	Director
Paul Wilkerson	(Appointed) 6-15-17/6-15-18	None	None	Director
Key Administrative Personnel:				
Debra Fagin	4-1-16/6-30-17	\$ 23,956	\$ -	Former Office Manager
Katrina Morales	8-28-17/Present	\$ 2,507	\$ -	Office Manager
Ruth Espinoza	3-16-16/Present	\$ 23,956	\$ -	Admin. Assistant
Consultants:				
Ector County Appraisal District	7-01-05	\$ 7,560	\$ -	Appraiser/ Tax Collector
Joe L. Torres, P.C.	9-01-96	\$ 14,000	\$ -	Independent Auditor

**ECTOR COUNTY UTILITY DISTRICT
ANNUAL REPORT
Financial Statements
with Supplementary Information**

**Year Ended September 30, 2016
(with Auditor's Report thereon)**

**ECTOR COUNTY UTILITY DISTRICT
TABLE OF CONTENTS**

	<u>Page</u>
Annual Filing Affidavit	1
Independent Auditor's Report	2-3
Management's Discussion and Analysis	4-7
Basic Financial Statements (Columnar Format)	
a. Statement of Net Assets and Governmental Funds Balance Sheet	8
b. Statement of Activities and Governmental Funds Revenues, Expenditures, and Changes in Fund Balance	9
Notes to the Basic Financial Statements	10-16
Required Supplementary Information	18
Budgetary Comparison Schedule	
Option 1- Combined view of a district with a non-appropriated budget	
Texas Supplementary Information (TSI)	
TSI – 1. Services and Rates	21-22
TSI – 2. General Fund Expenditures	23
TSI – 3. Temporary Investments	24
TSI – 4. Taxes Levied and Receivable	25
TSI – 5. Long-Term Debt Service Requirements by Years	26-27
TSI – 6. Changes in Long-Term Bonded Debt	28
TSI – 7. Comparative Schedule of Revenues and Expenditures- General Fund, Debt Service Fund, and Capital Project Fund - Five Years	29-34
TSI – 8. Board Members, Key Personnel, and Consultants	35

ANNUAL FILING AFFIDAVIT

STATE OF TEXAS }
COUNTY OF Ector }

I, Tommy Ervin of the
(Name of Duly Authorized District Representative)

Ector County Utility District
(Name of District)

hereby swear, or affirm, that the district above has reviewed and approved at a meeting of the District's Board of Directors on
the 17th day of January, 2017,
it's annual audit report for the fiscal period ended September 30, 2016
and that copies of the annual audit report have been filed in the District's office, located at _____
1039 N Moss, Odessa, TX 79763
(Address of the District's Office)

This filing affidavit and the attached copy of the audit report will be submitted to the Texas Commission on Environmental
Quality to satisfy the annual filing requirements of Texas Water Code Section 49.194.

Date: January 17th, 2017

By: _____
(Signature of District Representative)

Tommy Ervin, President
(Typed Name and Title of District Representative)

Sworn to and subscribed to before me this 17th day of January, 2017

(Signature of Notary)

My commission Expires on: _____.

Notary Public in the State of Texas.

JOE L. TORRES, P.C.
Certified Public Accountant

Bus: (432) 550-5882

Fax: (432) 550-5893

MEMBER OF
AMERICAN INSTITUTE OF CERTIFIED
PUBLIC ACCOUNTANTS
TEXAS SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS

5000 E. University, Suite 3
Odessa, Texas 79762

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Ector County Utility District

Report on the Financial Statements

I have audited the accompanying financial statements of the governmental activities of Ector County Utility District, as of and for the year ended September 30, 2016, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express opinions on these financial statements based on my audit. I conducted my audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, I express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities of the Ector County Utility District as of September 30, 2016, and the results of its operations thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 4 through 7 and page 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. I have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge I obtained during my audit of the basic financial statements. I do not express an opinion or provide any assurance on the information because the limited procedures do not provide me with sufficient evidence to express an opinion or provide any assurance.

Other Information

My audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Ector County Utility District's basic financial statements. The accompanying Texas Supplementary Information schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements. The Texas Supplementary Information has been subjected to the auditing procedures applied in the audit of the basic financial statements. In my opinion, the Texas Supplementary Information is fairly stated in all material respects in relation to the basic financial statements as a whole.



Joe L. Torres, P.C.
Odessa, Texas
January 17, 2017

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED SEPTEMBER 30, 2016**

Our discussion and analysis of the Ector County Utility District (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended September 30, 2016. The District's financial performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

OVERVIEW OF THE FINANCIAL STATEMENTS

Management's Discussion and Analysis introduces the District's basic financial statements. The basic financial statements include the government – wide financial statements and notes to the financial statements. The District also includes in this report additional information to supplement the basic financial statements.

FINANCIAL HIGHLIGHTS

- The District's net assets increased by \$776,269 which represents a 6.1% increase from 2015.
- General Revenues accounted for \$4.6 million in revenues or 88.27 percent of all revenues. Water service revenue provided to residents in the District accounted for \$4.4 million or 84.02 percent of all revenues.
- The District expended \$329,297 on infrastructure capital assets during the current year.
- The District had \$3.9 million in expenses related to the delivery of water service to its residents.
- The District's outstanding '77 Bond Series was paid off in '05.

FINANCIAL ANALYSIS OF THE WATER DISTRICT AS A WHOLE

The District's annual report includes three government-wide financial statements. These statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Assets and the Statement of Activities

Our analysis of the District as a whole begins on page 10. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse as a result of the year's activities?" The Statement of Net Assets and The Statement of Activities report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to accounting used by most private-sector companies. Accrual of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net assets and changes in them. You can think of the District's net assets, the difference between assets, what the District owns, and liabilities, what the District owes, as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net assets are one indicator of the whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the District's jurisdiction, the availability of capital projects, and continuing local government support to assess the overall health of the District.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2016**

Reporting the District's most Significant Funds

The Board of Directors has determined that all of its funds are considered major. The District only has governmental funds.

Major Funds

- General
- Debt Service
- Capital Projects

Governmental Funds: The District's services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds are reported using an accounting method called accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's programs.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the governmental-wide. The notes to the financial statements can be found on pages 10 through 16 of this report.

Other information: In addition to the basic financial statements and accompanying notes, this report also presents schedules which can be found on pages 21 through 35 of this report.

THE DISTRICT AS A WHOLE

The District's total net assets changed from a year ago increasing from \$12.80 million to \$ 13.58 million. Our analysis below focuses on the net assets (Table 1) and changes in net assets (Table 2) of the District's Government activities.

**Table 1
Net Assets (in millions)**

	2016	2015
Cash and investments	\$ 6.27	\$ 6.28
Receivables	1.96	1.40
Other Assets	0.09	0.01
Capital assets, net of accumulated depreciation	6.87	6.82
Total Assets	15.19	14.51
 Long Term Obligations	 \$ -	 \$ -
Other Liabilities	1.61	1.71
Total Liabilities	1.61	1.71
 Net assets:		
Invested in Capital assets, net of related debt	\$ 6.94	\$ 6.82
Restricted	0.21	0.16
Unrestricted	6.43	5.82
Total Net Assets	\$ 13.58	\$ 12.80

Net Assets of the District's activities increased 6.1 percent or \$0.78 million. The increase in restricted Net Assets of \$0.05 million is attributed to the tax revenue earned of 0.61 million and transfer from tax fund to general fund of 0.56 million. Unrestricted net assets, the part of net assets that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements – increased by \$0.61 million.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2016**

Table 2 compares the 2016 change in net assets to the 2015 change in net assets.

**Table 2
Changes in Net Assets for 2016
Compared with 2015 activity
(in millions)**

	2016	2015	Change
General Revenues:			
Water Service	\$ 4.42	\$ 3.97	\$ 0.45
Other Revenues	0.23	0.14	0.09
Debt Service Revenues:			
Property Taxes	0.58	0.50	0.08
Other Revenues	0.03	0.03	-
Capital Project Revenues:			
Other Revenues			-
Total Revenues	<u>\$ 5.26</u>	<u>\$ 4.64</u>	<u>\$ 0.62</u>
General Expenses			
Water Services	\$ 3.89	\$ 3.47	\$ 0.42
Other Expenses	0.59	0.77	(0.18)
Debt Service			
Interest Expense / Other	-	-	-
Capital Project Expenses			
Other Expenses	-	-	-
	<u>\$ 4.48</u>	<u>\$ 4.24</u>	<u>\$ 0.24</u>
Increase in Net Assets	<u>\$ 0.78</u>	<u>\$ 0.40</u>	<u>\$ 0.38</u>

The major increase in General Revenues is derived from the higher volumes in water being served by the District. The major increase in General Expenses is the result of high volumes in water being served by the District.

Financial Analysis of Government Funds

The District's basic financial statements already reflect the major government funds. There are no separate fund financial statements.

Table 3 presents the fund balances of the major funds and an analysis of significant changes in the fund balances.

**Table 3
Changes in Year End Fund Balance
(in millions)**

	2016	2015	% Change
General	\$ 0.73	\$ 0.74	-1.35%
Debt Service	0.05	(0.34)	114.71%
Capital Projects	-	-	-
Total Governmental Balances	<u>\$ 0.78</u>	<u>\$ 0.40</u>	<u>95.00%</u>

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2016**

The 10.45 % increase in the General Fund can be mainly attributed to the transfer of debt service funds of \$0.56 million to cover the cost of capital outlay.

The 28.99% increase in Debt Service Fund can be attributed to collection from property taxes of \$0.62 million and a transfer of \$0.56 million to general fund.

The Capital Projects Fund has no change because it was closed in a prior year.

Capital Assets and Debt Administration

Capital Assets

At year-end, the District had \$6.87 million in capital assets. This amount represents a net increase (including additions and deletions) of \$0.33 million, or 4.8 %, over the last year. Depreciation recorded in fiscal 2016 was \$208,755.

Debt Administration

At year-end, the District had \$0 in outstanding bonds payable versus \$0 last year, representing no change. The fiscal year 2016 interest rate was 0%. For a breakdown of the interest payment schedule refer to Note 5 of the basic financial statements. There has been no change in credit ratings of the District, and there are no debt limitations affecting the District's financing of planned facilities or services.

The Budget, Economic Environment and Rates

The District has operated solely in West Ector County since its 1976 formation. The District is currently looking at opportunities for expanding to other parts of West Odessa (Ector County).

The Economic factors impacting the District's budget include real estate development, federal grants, and the oil and gas industry. As noted in the schedule TSI – (4), Analysis of Taxes Levied, the property values have continued to increase. This is a result of some areas within the District being developed. Part of the development that has occurred in the District is a result of the County receiving federal grants to help provide water service.

The District is situated in a predominantly oil and gas based economy. As prices for oil continue to increase, the property values experience similar increases. Therefore, the District will follow the trend of the economics of mineral interests. This factor alone represents the major favorable increase in property tax revenues.

It is important that the District is able to succeed in the development of these projects not only for Ector County and its residents but also for the longevity of the District. The District has no continued revenue source except an administration fee charged on the water service it provides to its customers. With additional construction projects for more customers in Ector County, the District will be able to survive and continue to provide the residents of West Odessa with an easier way to get water service.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET
For 12 Periods of Fiscal Year Ending September 30, 2016
Period Ending September 30, 2016

	General Fund	Tax Fund	Capital Project Fund	Governmental Funds Total	Adjustments	Government Wide Total
ASSETS						
Cash and investments	\$ 6,230,299	\$ 42,992	\$ -	\$ 6,273,291	\$ -	\$ 6,273,291
Taxes receivable	-	817,243	-	817,243	-	817,243
Other receivables	705,986	10,973	-	716,959	-	716,959
Due from Other Governments	424,599	-	-	424,599	-	424,599
Due from Other Funds	36,413	-	-	36,413	(36,413)	-
Other Assets	22,126	-	-	22,126	63,912	86,038
Capital assets (net of accumulated depreciation)						
Land & Improvements	-	-	-	-	632,036	632,036
Infrastructure	-	-	-	-	6,236,449	6,236,449
Other capital assets	-	-	-	-	4,790	4,790
Total assets	<u>\$ 7,419,423</u>	<u>\$ 871,208</u>	<u>\$ -</u>	<u>\$ 8,290,631</u>	<u>\$ 6,900,774</u>	<u>\$ 15,191,405</u>
LIABILITIES						
Accounts payable	\$ 360,252	\$ -	\$ -	\$ 360,252	\$ -	\$ 360,252
Payable from Restricted						
Assets-Deposits	339,777	-	-	339,777	-	339,777
Payable for water loop construction	-	-	-	-	-	-
Payroll tax liabilities	4,061	-	-	4,061	-	4,061
Accrued Expenses	17,081	-	-	17,081	-	17,081
Deferred revenues	264,567	625,329	-	889,896	-	889,896
Due to Other Funds	-	36,413	-	36,413	(36,413)	-
Other Payables	105	-	-	105	-	105
Long-term liabilities:						
Due within one year	-	-	-	-	-	-
Due after one year	-	-	-	-	-	-
Total Liabilities	<u>985,843</u>	<u>661,742</u>	<u>-</u>	<u>1,647,585</u>	<u>(36,413)</u>	<u>1,611,172</u>
FUND BALANCES/NET ASSETS						
Fund balances:						
Nonspendable	-	-	-	-	-	-
Restricted	-	-	-	-	-	-
Committed	-	-	-	-	-	-
Debt service funds	2,000	-	-	2,000	(2,000)	-
Capital projects funds	-	-	-	-	-	-
Assigned	-	209,466	-	209,466	(209,466)	-
Unassigned	6,431,580	-	-	6,431,580	(6,431,580)	-
Total fund balances	<u>6,433,580</u>	<u>209,466</u>	<u>-</u>	<u>6,643,046</u>	<u>(6,643,046)</u>	<u>-</u>
Total liabilities and fund balances	<u>\$ 7,419,423</u>	<u>\$ 871,208</u>	<u>\$ -</u>	<u>\$ 8,290,631</u>	<u>\$ (6,679,459)</u>	<u>\$ 1,611,172</u>
Net assets:						
Invested in capital assets net of related debt						
Restricted for debt services					209,466	209,466
Restricted for capital projects					6,937,187	6,937,187
Unrestricted					6,433,580	6,433,580
Total net assets					<u>\$ 13,580,233</u>	<u>\$ 13,580,233</u>

See accompanying notes to financial statements.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES,
EXPENDITURES, AND CHANGES IN FUND BALANCES
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2016

	General Fund	Debt Service Fund	Capital Projects Fund	Governmental Funds Total	Adjustments	Government Wide Total
Revenues:						
Charges for water service	\$ 4,416,456	\$ -	\$ -	\$ 4,416,456	\$ -	\$ 4,416,456
Property taxes	-	584,094	-	584,094	-	584,094
Tap connection and inspection fees	(13,710)	-	-	(13,710)	-	(13,710)
Investments earnings (loss)	175,328	-	-	175,328	-	175,328
Penalties and Interest	-	22,601	-	22,601	-	22,601
Grant Revenue	61,038	-	-	61,038	-	61,038
Other	880	9,751	-	10,631	-	10,631
Total revenues	<u>4,639,992</u>	<u>616,446</u>	<u>-</u>	<u>5,256,438</u>	<u>-</u>	<u>5,256,438</u>
Expenditures/expenses:						
Service operations:						
Purchased water service	3,881,528	-	-	3,881,528	-	3,881,528
Salaries, benefits, payroll						
taxes & Contract Labor	52,533	-	-	52,533	-	52,533
Contracted services	177,393	5,370	-	182,763	-	182,763
Professional fees	48,066	-	-	48,066	-	48,066
Director fees	-	-	-	-	-	-
Other	106,524	-	-	106,524	-	106,524
Capital outlay	329,297	-	-	329,297	(329,297)	-
Debt service:						
Principal	-	-	-	-	-	-
Interest	-	-	-	-	-	-
Depreciation & Amortization	-	-	-	-	208,755	208,755
Total expenditures/expenses	<u>4,595,341</u>	<u>5,370</u>	<u>-</u>	<u>4,600,711</u>	<u>(120,542)</u>	<u>4,480,169</u>
Excess (deficiency) of revenues over expenditures	<u>44,651</u>	<u>611,076</u>	<u>-</u>	<u>655,727</u>	<u>120,542</u>	<u>776,269</u>
Other financing sources/(uses):						
Transfers-internal activities	<u>564,000</u>	<u>(564,000)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Excess (deficiency) of revenues and transfer in over expenditures and transfers out	<u>608,651</u>	<u>47,076</u>	<u>-</u>	<u>655,727</u>	<u>120,542</u>	<u>776,269</u>
Change in net assets	<u>608,651</u>	<u>47,076</u>	<u>-</u>	<u>655,727</u>	<u>120,542</u>	<u>776,269</u>
Fund balance/net assets:						
Beginning of the year	5,822,929	162,390	-	5,985,319	6,818,645	12,803,964
End of the year	<u>\$ 6,431,580</u>	<u>\$ 209,466</u>	<u>\$ -</u>	<u>\$ 6,641,046</u>	<u>\$ 6,939,187</u>	<u>\$ 13,580,233</u>

See accompanying notes to financial statements.

**ECTOR COUNTY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 1: CREATION OF DISTRICT

Ector County Utility District (the District) was created by the petition signed by more than 200 persons owning property within the District, on July 12, 1976 under the authority of the Commissioners Court of Ector County, Texas. The District was created under the provisions of Article XVI, Section 59 of the Texas Constitution and operated under the statutory authority of Section 51 of the Texas Water Code until March 10, 1981. At that time, the District was changed to a Municipal Utility District operating under the statutory authority of Section 54.030 of the Texas Water Code. Bonds were issued in August of 1977, and construction of fixed assets began in September of 1977. Primary construction was completed in April of 1979.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The District's basic financial statements include the accounts of all the district's activities. The criteria for including activities within the District's reporting entity, as set forth in GASB Statement No. 14, "The Financial Reporting Entity"; primarily include the degree of oversight responsibility maintained by the Board of Directors. Examples of oversight responsibility include financial interdependency, selection of governing authority, designation of management's ability to significantly influence operations and accountability for fiscal matter. A minimum of two directors are elected every other year to serve a four-year term. This Board of Directors is the policy making and oversight body for the District.

Government Wide Financial Statements

The government-wide financial statements include the statement of net assets and the statement of activities. These statements report financial information for the District as a whole and reflect all the governmental funds maintained by the District. There are no separate fund financial statements.

Basis of Accounting

The financial statements of the District are prepared in accordance with generally accepted accounting principles (GAAP). The government-wide statements report uses the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property tax revenues are recognized in the year for which they are levied.

Basis of Presentation – Fund Accounting

The operations of the District are recorded in the following fund types and account groups:

Governmental Fund Types

- The General Fund accounts for financial resources in use for general types of operations. This is a budgeted fund, and any fund balances are considered as resources available for use.
- The Debt Service Fund accounts for the use of debt services taxes and other revenues collected for the purposes of retiring bond principal and paying interest due. This is a budgeted fund.
- The Capital Projects Fund accounts for proceeds from sales of bonds and other revenues to be used for authorized construction. This is a budgeted fund.

Budget Basis of Accounting

The budget is presented on the accrual basis of accounting which is consistent with generally accepted accounting principles ("GAAP").

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Investments

The District invests in authorized U.S. Government Securities, Money Market accounts, government agency securities, corporate bonds, and other securities. Investments are carried at fair value. Management's intent is to hold all investments to maturity.

Capital Assets

The District's land, improvements, and infrastructure with useful lives of more than one year are stated at historical cost and comprehensively reported in the government-wide financial statements. The District maintains infrastructure assets records consistent with all other capital assets. Donated assets are stated at fair value on the date donated. The District generally capitalizes assets purchased and construction outlays when they occur. The costs of normal maintenance and repairs that do not add to the asset value or materially extend useful lives are not capitalized. Capital assets are depreciated using the straight-line method. When capital assets are disposed, the cost and applicable accumulated depreciation are removed from the respective accounts, and the resulting gain or loss is recorded in operations.

Estimated useful lives, in years, for depreciable assets are as follows:

Building	40
Water Systems	50
Office Equipment	5

Other Capital Assets

The District capitalized and charged to organizational costs all costs incurred in the creation of the District. Additionally, the District capitalized during the construction period all costs incurred in the issue of sale of bonds, bond interest, attorney fees and certain administrative expenses. Interest income earned during the construction period on investment of unused funds was credited to organizational costs.

	Total Interest Costs Incurred	Interest Revenue Used to Offset Interest Costs	Capitalized Interest
General	\$500,000	\$7,000	\$493,000

These interest costs are being amortized on a straight line basis over the term of the Bonds which is 30 years. There is no material difference in comparison to the utilization of the effective interest method.

The organization costs of \$ 20,117 are being amortized over a 40 year period.

Net Assets

Net Assets represent the difference between assets and liabilities. Net assets invested in capital assets, net of related debt consists of capital assets, net of accumulated depreciation. Net assets are reported as restricted when there are limitations imposed on their use either through the enabling legislations adopted by the District or through external restrictions imposed by laws or regulations of other governments.

The order of spending and availability of the fund balance shall be to reduce funds from the listed areas in the following order: restricted, committed, assigned, and then unassigned funds. Negative amounts shall not be reported for restricted, committed, or assigned funds. The five classifications of fund balance of the governmental types are as follows:

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Non-spendable fund balance shall mean that portion of the gross fund balance that is not expendable (such as inventories) or is legally earmarked for a specific use.

Restricted fund balance shall include amounts constrained to a specific purpose by the provider, such as a grantor.

Committed fund balance shall mean that portion of the fund balance that is constrained to a specific purpose by the Board of Directors.

Assigned fund balance shall mean that portion of the fund balance that is spendable or available for appropriation but has been tentatively earmarked for some specific purpose. When it is appropriate for fund balance to be assigned, the Board delegates the responsibility to assign funds to the Board President or his designee.

Unassigned fund balance shall include amounts available for any legal purpose. This portion of the total fund balance in the General Fund is available to finance operating expenditures. Unassigned fund balance shall mean the difference between the total fund balance and the total of the non-spendable fund balance, restricted fund balance, committed fund balance and assigned fund balance.

NOTE 3: PLEDGE OF REVENUES

Under the provisions of the Water System and Refunding Bonds, series 1977, Section 7(a), the bonds are payable from the proceeds of an ad valorem tax levied upon all taxable property subject to taxation within the District, without limitation as to rate or amount, and are further payable from and secured by a lien on and pledge of the net revenues to be received from the operation of the District Waterworks. See Note 6 for debt service tax rate and the assessed values.

NOTE 4: CASH AND TEMPORARY INVESTMENTS

The District maintains and controls two cash operating accounts in the General Fund and Debt Service Fund. In addition, certificates of deposits, governmental securities, mutual funds and governmental money market mutual funds are separately held and reflected in their respective fund.

All funds of the District are secured in the manner provided by law, and except for current requirements, shall be continually invested and re-invested in investment securities authorized in Chapter 51, Texas Water Code.

At September 30, 2016, cash and temporary investments totaled \$6,273,291 which included \$6,196,208 in governmental securities, corporate bonds, governmental agency funds, and other investments and \$77,083 in checking accounts. The various investment securities bear interest at various rates. The checking accounts bear interest at various rates from 0% to 0.2% at September 30, 2016.

The District's investment policy allows investments only in:

- (1) obligations of the United States and the State of Texas or its agencies in instrumentalities;
- (2) direct obligations of the State of Texas;
- (3) other obligations, the principal of and interest on which are unconditionally guaranteed or insured by the State of Texas or the United States or its agencies of instrumentalities;
- (4) obligations of the states, agencies, counties, cities, and other political subdivisions of any state having been rated at not less than an "A" by a nationally recognized rating firm;
- (5) certificates of deposit issued by state and national banks domiciled in Texas that are guaranteed or insured by the FDIC or secured by obligations described above;
- (6) other investments;

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 4: CASH AND TEMPORARY INVESTMENTS (Continued)

Deposits are invested at two financial institutions and are secured as follows:

	Fair Value <u>Amount</u>	<u>Category</u>
Deposits insured by Federal Deposit Insurance Corporation	\$ 500,000	1
Deposits invested in various securities held at Raymond James	<u>\$5,773,291</u>	1
TOTAL	<u>\$6,273,291</u>	

Cash and Investments held at a financial institution can be categorized according to three levels of risk. These three levels of risk are:

- Category 1 Cash and Investments that are insured, registered or held by the entity or by its agent in the District name.
- Category 2 Investments that are uninsured and unregistered held by the counterparty's trust department or agent in the District name.
- Category 3 Uninsured and unregistered investments held by the counterparty, its trust or its agent, but not in the District name.

Based on these three levels of risk, all of the District's cash deposits and certificates of deposits are classified as Category 1 and the District's Investment in governmental securities, mutual funds and government money market funds are classified by risk level as Category 2.

NOTE 5: BONDED DEBT PAYABLE

The District issued bonds in 1977 and 1978 to finance the construction of the water system. These bonds bear interest at the following rates per annum:

District's \$4,860,000 Series 1977 Bonds - \$5,000 denominations

Bonds numbered 733 through 972, maturing in the years 2003 through 2005	4.60%
---	-------

Interest is payable semi-annually on August 1 and February 1 until the principal sum is paid in full.

The District reserves the right to redeem the unmatured bonds on the dates shown in the tables below by paying the following redemption prices, expressed as a percentage of par value, plus accrued interest:

<u>Series 1977 Redemption Dates</u>	<u>Redemption Price</u>
August 1, 1996 and thereafter	100%

If less than all of the bonds then outstanding are called for redemption, the bonds shall be called in inverse numerical order. The general long-term debt as of September 30, 2016 follows:

<u>Obligation</u>	<u>Original Amount</u>	<u>Interest Rate</u>	<u>Balance Outstanding 10-1-15</u>	<u>Issued (Retired) During Year</u>	<u>Balance Outstanding 9-30-16</u>
1977 Series	\$4,860,000	4.60%	\$ - \$ -	\$ - \$ -	\$ - \$ -

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 5: BONDED DEBT PAYABLE (Continued)

Maturities of bonded debt payable at September 30, 2016, are as follows:

Year ending September 30 2016	Principal	Interest	Total
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -

The Debt Service Fund is being managed and utilized according to the provisions of the bond resolutions. There are no escrowed or reserved amounts nor has there been any use of surplus or escrowed funds requiring Director's approval.

NOTE 6: LEVY OF AD VALOREM TAXES

Property tax is levied each October 1 on the assessed (appraised) value listed as of the prior January 1 for all real and business property located in the District. Taxable assessed value represents the appraisal value less exemptions authorized by the District. Appraised values are established by the Appraisal District at 100% for estimated fair market value.

Property taxes receivable are recorded in the Debt Service Fund fifteen days (taxpayer protest period) after the debt service budget is approved by the Board. Revenues are recognized for the budgeted year. At fiscal year end, the receivables represent current and delinquent taxes.

Taxes are due on October 1, the levy date, and are delinquent after the following January 31.

Property taxes are collected and remitted to the District by the Appraisal District. There is only one debt service tax assessment. There is no maintenance tax assessment. Effective July 1, 2016, the District levied an ad valorem tax of \$0.084985 per \$100 assessed valuation on all taxable property with appraised value of \$735,782,322 within the District. Major tax payments are received between October and February and are recognized as revenue for the related tax year. Property taxes become delinquent on February 1.

The fund balance in the Debt Service Fund has been designated to be used solely for payment of the interest on and principal of the Outstanding Bonds.

NOTE 7: WATER RATES

The District has established a water rate charge to its customers based upon rate charged by the City of Odessa (City) to its customers within the City limits. The rate the City charges the District for water purchased is based on the total number of customers within the District. Currently, the rate is 1.5 times the rate charged by the City to its customer within the City limits.

Actual water rates charged by the District to its customers are as follows:

First 2,000 gallons	\$18.87 (minimum)
Any additional gallons	5.26 per thousand

NOTE 8: CAPITAL ASSETS

The following table provides a summary of changes in capital asset.

	Balance September 30, 2015	Addition	Retirements	Balance September 30, 2016
Land & Improvement	\$ 648,890	\$ 33,891	\$ (8,607)	\$ 674,174
Water System	9,786,057	533,641	(230,671)	10,089,027
Engineering Costs	712,018		-	712,018
Office Equipment	13,969	1,042	-	15,011
	<u>\$ 11,160,934</u>	<u>\$ 568,574</u>	<u>\$ (239,278)</u>	<u>\$ 11,490,230</u>

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 8: CAPITAL ASSETS (CONTINUED)

The following table provides a summary of changes in the accumulated depreciation.

	Balance September 30, 2015	Expense	Retirements	Balance September 30, 2016
Land & Improvement	\$ 26,189	\$ 15,950	\$ -	\$ 42,139
Water System	4,309,443	191,240	-	4,500,683
Engineering Costs	-	-	-	-
Office Equipment	9,662	1,061	-	10,723
	<u>\$ 4,345,294</u>	<u>\$ 208,251</u>	<u>\$ -</u>	<u>\$ 4,553,545</u>

NOTE 9: GASB 34 IMPLEMENTATION

Effective October 1, 2003, Ector County Utility District, adopted GASB Statement No. 34, Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments. This pronouncement establishes standards for the form and content of the basic financial statements to be issued by all state and local governmental entities. As a result of the adoption of GASB No. 34, the following adjustments are reflected in the basic financial statements as follows:

COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET

Fund balances - total government fund \$ 6,643,046

Amounts reported for governmental activities in the statement
of net assets are different because:

Capital assets used and governmental activities are not
financial resources therefore are not reported in the
governmental funds.

Governmental capital assets	11,490,230	
Less accumulated depreciation	(4,553,545)	6,936,685

Other assets used in governmental activities are not
financial resources and therefore are not reported in
the governmental funds.

Bond Costs	492,627	
Organizational Costs	20,117	
Less accumulated amortization	(512,242)	502

Long term liabilities, including bonds payable in the
current period and therefore are not reported in the
governmental funds.

Bonds payable	-	
---------------	---	--

Net assets of government activities	<u>\$ 13,580,233</u>	
-------------------------------------	----------------------	--

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2016**

NOTE 9: GASB 34 IMPLEMENTATION (Continued)

**COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES, EXPENDITURES AND CHANGES
IN FUND BALANCES**

Net change in fund balances - total governmental funds	\$	655,727
--	----	---------

Amounts reported for governmental activities in the
statement of activities are different because:

Governmental funds report capital outlays as expenditures.
However, in the statements of activities, the cost of those
assets are depreciated over their estimated useful lives.

Expenditures for capital assets	329,297		
Less current year depreciation	(208,755)		120,542

Repayment of bond principal is an expenditure in the
governmental funds, but the repayment reduces long
term liabilities in the statement of net assets.

Principal payments		-	
Changes in net assets of government activities		<u>\$ 776,269</u>	

REQUIRED SUPPLEMENTARY INFORMATION

ECTOR COUNTY UTILITY DISTRICT
RSI – 1 BUDGETARY COMPARISON SCHEDULE – COMBINED VIEW WITH A NON-APPROPRIATED BUDGET
FOR THE YEAR ENDED SEPTEMBER 30, 2016

	Actual	Original Budget	Variance Positive (Negative)
Revenues:			
Charges for Water Service	\$ 4,416,456	\$ 4,410,000	\$ 6,456
Property taxes	584,094	585,000	(906)
Penalties and interest	22,601	22,000	601
Investment earnings	175,328	185,000	(9,672)
Grant Revenue	61,038	62,000	(962)
Other	10,631	11,000	(369)
Total revenues	<u>\$ 5,270,148</u>	<u>\$ 5,275,000</u>	<u>\$ (4,852)</u>
Expenditures/expenses:			
Service operations:			
Purchased water service	\$ 3,881,528	\$ 3,890,000	\$ 8,472
Tap connection and inspection fees	13,710	14,000	290
Salaries, benefits, payroll taxes & Contract Labor	52,533	53,000	467
Contracted services	182,763	180,000	(2,763)
Professional fees	48,066	48,000	(66)
Other	106,524	100,000	(6,524)
			-
Debt Service			-
Principal and interest	\$ -		\$ -
Other expenses	-		-
Capital outlay	<u>329,297</u>	<u>330,000</u>	<u>703</u>
Total expenditures/expenses	4,614,421	4,615,000	579
Excess (deficiency) of revenues over expenditures	655,727	660,000	(4,273)
			-
Other financing sources/uses:			-
Transfers - internal activities	<u>-</u>	<u>-</u>	<u>-</u>
Excess (deficiency) of revenues and transfers in over expenditures and transfers out	<u>655,727</u>	<u>660,000</u>	<u>(4,273)</u>
Fund balance:			
Beginning of the year	<u>\$ 5,985,319</u>	<u>\$ 5,985,465</u>	
End of the year	<u>\$ 6,641,046</u>	<u>\$ 6,645,465</u>	

TEXAS SUPPLEMENTARY INFORMATION

**ECTOR COUNTY UTILITY DISTRICT
SUPPLEMENTARY SCHEDULES INCLUDED WITHIN THIS REPORT
SEPTEMBER 30, 2016**

Notes Required by the Agency

The required information is included within the notes to the basic financial statements.

- TSI – 1 Service and Rates
- TSI – 2 Schedule of General Fund Expenditures
- TSI – 3 Schedule of Temporary Investments
- TSI – 4 Analysis of Taxes Levied and Receivable
- TSI – 5 Long-Term Debt Service Requirements – by Years
- TSI – 6 Changes in Long-Term Debt
- TSI – 7 Comparative Statement of Revenues and Expenditures – All Governmental Fund Types – Five Years
- TSI – 8 Board Members, Key Personnel and Consultants

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES
YEAR ENDED SEPTEMBER 30, 2016**

1. Services Provided by the District during the Fiscal Year:

<input checked="" type="checkbox"/> Retail Water	<input type="checkbox"/> Wholesale Water	<input type="checkbox"/> Drainage
<input type="checkbox"/> Retail Wastewater	<input type="checkbox"/> Wholesale Wastewater	<input type="checkbox"/> Irrigation
<input type="checkbox"/> Parks/Recreation	<input type="checkbox"/> Fire Protection	<input type="checkbox"/> Security
<input type="checkbox"/> Solid Waste/Garbage	<input type="checkbox"/> Flood Control	<input type="checkbox"/> Roads
<input type="checkbox"/> Participates in joint venture, regional system, and/or wastewater service (other than emergency interconnect)		
<input type="checkbox"/> Other (specify): _____		

2. Retail Service Providers

a. Retail Rates for a 5/8" meter (or equivalent):

	Minimum Charge	Minimum Usage	Flat Rate Y/N	Rate per 1000 Gallon Over Minimum Use	Usage Level
WATER:	\$ 18.87	2000 GALS	N	\$ 5.26	2001 to ++
WASTE WATER:	\$ _____	_____	_____	\$ _____	_____ to _____
SURCHARGE:	\$ _____	_____	_____	\$ _____	_____ to _____

District employs winter averaging for wastewater usage? Yes ☐ No ☒

Total charges per 10,000 gallons usage: Water: \$ 60.95 Wastewater: \$ _____.

b. Water and Wastewater Retail Connections:

<u>Meter Size</u>	<u>Total Connections</u>	<u>Active Connections</u>	<u>ESFC Factor</u>	<u>Active ESFC</u>
Unmetered	_____	_____	x 1.0	_____
≤3/4"	5,111	4,957	x 1.0	4,957
1"	_____	_____	x 2.5	_____
1 1/2"	_____	_____	x 5.0	_____
2"	_____	_____	x 8.0	_____
3"	_____	_____	x 15.0	_____
4"	_____	_____	x 25.0	_____
6"	_____	_____	x 50.0	_____
8"	_____	_____	x 80.0	_____
10"	_____	_____	x 115.0	_____
Total Water	5,111	4,957		4,957
Total Wastewater	-	-	x 1.0	_____

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES (Continued)
YEAR ENDED SEPTEMBER 30, 2016**

3. Total Water Consumption during the Fiscal Year (rounded to the nearest thousand):

Gallons pumped into system: <u>449,566</u>	Water accountability Ratio:
Gallons billed to customers: <u>415,594</u>	(Gallons billed/ Gallons pumped)
	<u>0.924</u>

4. Standby Fees (authorized only under TWC Section 49.231):

Does the District have Debt Service standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

Does the District have Operation and Maintenance standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

5. Location of District

County(ies) in which the District is located: Ector

Is the District located entirely within one county? Yes ☒ No ☐

Is the District located within a city? Entirely ☐ Partly ☒ Not at all ☐

City(ies) in which the District is located: Odessa

Is the District located within a city's extra territorial jurisdiction (ETJ)?
Entirely ☐ Partly ☒ Not at all ☐

ETJs in which the District is located: Ector County

Are board members appointed by an office outside the district? Yes ☐ No ☒

If yes, by whom? N/A

**ECTOR COUNTY UTILITY DISTRICT
TSI – (2) SCHEDULE OF GENERAL FUND EXPENDITURES
FOR THE YEAR ENDED SEPTEMBER 30, 2016**

Personnel Expenditures (including benefits)*	<u>\$ 47,015</u>
Professional Fees:	
Auditing	<u>18,250</u>
Legal	<u>29,816</u>
Engineering	<u>-</u>
Financial Advisor	<u>-</u>
Purchased Services For Resale	
Bulk Water and Wastewater Service Purchases	<u>3,881,528</u>
Tap collection and inspection fees	<u>71,839</u>
Contracted Services:	
Bookkeeping	<u>-</u>
General Manager	<u>-</u>
Appraisal District	<u>-</u>
Tax Collector	<u>-</u>
Other Contracted Services	<u>227,519</u>
Utilities + Rent	<u>24,491</u>
Repairs and Maintenance	<u>6,600</u>
Administrative Expenditures:	
Office Supplies	<u>7,641</u>
Insurance	<u>7,017</u>
Other Administrative Expenditures	<u>21,537</u>
Capital Outlay:	
Capitalized Assets	<u>329,297</u>
Expenditures not Capitalized	<u>-</u>
Tap Connection Expenditures	<u>-</u>
Solid Waste Disposal	<u>-</u>
Fire Fighting	<u>-</u>
Parks and Recreation	<u>-</u>
Other Expenditures	<u>-</u>
TOTAL EXPENDITURES	<u><u>\$ 4,672,550</u></u>

*Number of persons employed by the District: 0 Full-Time 2 Part-Time

**ECTOR COUNTY UTILITY DISTRICT
TSI – (3) SCHEDULE OF TEMPORARY INVESTMENTS
SEPTEMBER 30, 2016**

<u>Funds</u>	<u>Indentification or Certificate Number</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Balance at End of Year</u>	<u>Accrued Interest Receivable at End of Year</u>
<u>General Funds</u>					
Raymond James Government Securities	78758222	0.08%-4.50%	Various	<u>\$ 6,196,208</u>	<u>\$ 13,966</u>
Total				<u><u>\$ 6,196,208</u></u>	<u><u>\$ 13,966</u></u>
<u>Debt Service Fund</u>					
Total				<u>\$ -</u>	<u>\$ -</u>
Total - All Funds				<u><u>\$ 6,196,208</u></u>	<u><u>\$ 13,966</u></u>

**ECTOR COUNTY UTILITY DISTRICT
TSI – (4) ANALYSIS OF TAXES LEVIED AND RECEIVABLE
YEAR ENDED SEPTEMBER 30, 2016**

	Maintenance Taxes	Service Taxes	District Taxes
Taxes Receivable, Beginning of Year	\$ -	\$ 745,611	\$ -
2016 Original Tax Levy (less abatements)	-	625,329	-
Total to be accounted for	-	1,370,940	-
Tax Collections:			
Current year	-	-	-
Prior years	-	553,697	-
Total Tax Collections	-	553,697	-
Taxes Receivable, End of Year	-	817,243	-
Taxes Receivable , By Years			
2015 and Prior Years	-	625,329	-
2016	-	191,914	-
Taxes Receivable, End of Year	\$ -	\$ 817,243	\$ -

	2016	2015	2014	2013
Property Valuations:				
Land	\$ 93,651,546	\$ 89,425,881	\$ 88,645,127	\$ 76,190,096
Improvements	574,705,679	541,219,754	477,924,790	430,330,156
Personal Property	67,425,097	112,091,849	146,213,207	115,761,286
Total Property Valuations	<u>\$ 735,782,322</u>	<u>\$ 742,737,484</u>	<u>\$ 712,783,124</u>	<u>\$ 622,281,538</u>
Tax Rates Per \$100 Valuation:				
Debt service tax rates	<u>\$0.084985</u>	<u>\$0.073819</u>	<u>\$0.070147</u>	<u>\$0.098150</u>
Total Tax Rates per \$100 Valuations	<u>\$0.084985</u>	<u>\$0.073819</u>	<u>\$0.070147</u>	<u>\$0.098150</u>
Original Tax Levy:	<u>\$ 625,329</u>	<u>\$ 595,595</u>	<u>\$ 499,996</u>	<u>\$ 499,997</u>
Percent of Taxes Collected to Taxes Levied	<u>88.54%</u>	<u>81.78%</u>	<u>97.66%</u>	<u>100.52%</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2016

<u>DUE DURING FISCAL YEAR ENDING</u>	<u>Series 1977</u>		
	<u>Principal Due 08/01</u>	<u>Interest Due 02/01,08/01</u>	<u>Total</u>
2016	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2016

<u>DUE DURING FISCAL YEAR ENDING</u>	<u>Series 1978</u>		<u>Total</u>
	<u>Principal Due 08/01</u>	<u>Interest Due 02/01,08/01</u>	
2015	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**ECTOR COUNTY UTILITY DISTRICT
TSI – (6) ANALYSIS OF CHANGES IN LONG-TERM BONDED DEBT
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2016**

	Bond Issues		
	Series 1977	Series 1978	Total
Interest Rate	4.60% to 6.00%		
Dates Interest Payable	02-01 and 08-01		
Maturity Dates	08/01/06		
Beginning Bonds Outstanding	\$ -	\$ -	\$ -
Bonds Sold During the Fiscal Year	\$ -	\$ -	\$ -
Bond Retired During the Fiscal Year	\$ -	\$ -	\$ -
Ending Bonds Outstanding	\$ -	\$ -	\$ -
Interest Paid During the Fiscal Year	\$ -	\$ -	\$ -
Paying Agent's Name and City			
	Series 1977: <u>J.P. Morgan Chance Bank, Dallas, TX</u>		
	Series 1978: <u>J.P. Morgan Chance Bank, Dallas, TX</u>		
Bond Authority:	Tax Bonds	Other Bonds	Refunding Bonds
Amount Authorized by Voters	\$ 5,950,000	\$ -	\$ -
Amount Issued	\$ 5,560,000	\$ -	\$ -
Remaining To Be Issued	\$ 390,000	\$ -	\$ -
Debt Service Fund cash and temporary investments balances as of September 30, 2016:			\$ 42,992
Average annual debt service payment (Principal and Interest) for remaining term of all debt:			\$ -

**ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2016**

GENERAL FUND	AMOUNTS				
	2016	2015	2014	2013	2012
REVENUES:					
Water Service	\$4,416,456	\$3,965,693	\$3,896,654	\$3,687,972	\$2,639,385
Tap connection fees					
Investment earnings (loss)	175,328	179,102	94,979	(17,526)	169,409
Others	61,918	3,746	3,330	5,228	1,859
TOTAL REVENUES	\$4,653,702	\$4,148,541	\$3,994,963	\$3,675,674	\$2,810,653
EXPENDITURES:					
Purchased water services	3,881,528	3,472,589	3,449,419	3,279,390	2,259,528
Purchased taps exceed tap collection	13,710	28,699	100,519	18,645	17,275
Professional fees	48,066	23,864	14,968	17,120	12,735
Contracted services	177,393	158,583	134,440	131,339	94,287
Payroll & Contract Labor	52,533	37,210	38,558	47,526	35,950
Utilities	24,491	27,133	39,281	30,404	22,475
Repairs and maintenance	6,600	13,826	-	-	-
Other Expenditures	75,433	282,072	57,785	54,334	56,934
Capital Outlay	329,297	1,651,184	612,333	3,500	243,237
TOTAL EXPENDITURES	4,609,051	5,695,160	4,447,303	3,582,258	2,742,421
EXCESS REVENUES OVER (UNDER)	\$44,651	(\$1,546,619)	(\$452,340)	\$93,416	\$68,232

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2016

GENERAL FUND	PERCENT OF FUND TOTAL REVENUE				
	2016	2015	2014	2013	2012
REVENUES:					
Water Service	95%	96%	98%	100%	94%
Tap connection fees	0%	0%	0%	0%	0%
Investment earnings	5%	4%	2%	0%	6%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Purchased water services	83%	84%	86%	89%	80%
Purchased taps exceed tap collection	0%	1%	3%	1%	1%
Professional fees	1%	1%	0%	0%	0%
Contracted services	4%	3%	3%	4%	3%
Payroll	1%	1%	1%	1%	1%
Utilities	1%	1%	1%	1%	1%
Repairs and maintenance	0%	0%	0%	0%	0%
Other Expenditures	2%	6%	1%	1%	2%
Capital Outlay	7%	40%	15%	0%	9%
TOTAL EXPENDITURES	99%	137%	111%	97%	98%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	1%	-37%	-11%	2%	2%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2016

	AMOUNTS				
	2016	2015	2014	2013	2012
DEBT SERVICE FUND					
REVENUES:					
Property Taxes	\$584,094	\$487,089	\$488,309	\$487,500	\$451,228
Penalty and interest	22,601	20,080	23,454	21,409	21,967
Investment earnings			-	-	-
Other	9,751	886	12,204	-	-
TOTAL REVENUES	\$616,446	\$508,055	\$523,967	\$508,909	\$473,195
EXPENDITURES:					
Tax Collection Services	5,370	6,532	6,218	7,840	4,545
Other Expenditures		50	30	(11,288)	(10,651)
Debt service, interest and fees			-	-	-
TOTAL EXPENDITURES	5,370	6,582	6,248	(3,448)	(6,106)
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$611,076	\$501,473	\$517,719	\$512,357	\$479,301
TOTAL ACTIVE RETAIL WATER CONNECTIONS	4,957	4,999	5,053	4,687	4,541

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2016

	PERCENT OF FUND TOTAL REVENUE				
	2016	2015	2014	2013	2012
DEBT SERVICE FUND:					
REVENUES:					
Property taxes	95%	94%	94%	96%	95%
Penalty and interest	4%	5%	4%	4%	5%
Investment earnings	0%	0%	0%	0%	0%
Other	1%	1%	2%	0%	0%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Tax Collection Services	1%	1%	1%	2%	1%
Other Expenditures	0%	0%	0%	-2%	-2%
Debt service, interest and fees	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	1%	1%	1%	-1%	-1%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	99%	99%	99%	101%	101%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2016

	AMOUNTS				
	2016	2015	2014	2013	2012
CAPITAL PROJECT FUND					
REVENUES:					
	\$0	\$0	\$0	\$0	\$0
	-	-	-	-	-
Investment earnings	-	-	44	218	250
TOTAL REVENUES	\$0	\$0	\$44	\$218	\$250
EXPENDITURES:					
Capital Outlay					
Other Expenditures	-	-	-	-	166
	-	-	-	-	-
TOTAL EXPENDITURES	-	-	-	-	166
EXCESS REVENUES OVER					
(UNDER) EXPENDITURES	\$0	\$0	\$44	\$218	\$84

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2016

	PERCENT OF FUND TOTAL REVENUE				
	2016	2015	2014	2013	2012
CAPITAL PROJECT FUND:					
REVENUES:					
	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%
Investment earnings	0%	0%	100%	100%	100%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Capital Outlay	0%	0%	0%	0%	1732%
Other Expenditures	0%	0%	0%	66%	48%
	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	0%	0%	0%	66%	1780%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	100%	100%	100%	34%	-1680%

**ECTOR COUNTY UTILITY DISTRICT
TSI - (8) BOARD MEMBER, KEY PERSONNEL AND CONSULTANTS
SEPTEMBER 30, 2016**

Complete District Mailing Address: 1039 N. Moss Avenue, Odessa, Texas 79763

District Business Telephone Number: (432) 381-5525

Submission Date of the most recent District Registration Form
(TWC Sections 36.054 and 49.054): _____

Limit on Fees of Office that a Director may receive during a fiscal year: \$ 0.00
(Set by Board Resolution – TWC Section 49.060)

<u>Names</u>	<u>Term of Office (Elected of Appointed) or Date Hired</u>	<u>Fees of Officers Paid* 9/30/16</u>	<u>Expense Reimburse- ments 9/30/16</u>	<u>Title at Year End</u>
Board Members:				
Tommy Ervin	(Elected) 5-6-12/5-6-18	None	None	President
Terry Swann	(Appointed) 7-21-14/7-21-18	None	None	Asst. Sec. & Vice Pres.
Cruz Castillo	(Appointed) 5-17-10/5-17-18	None	None	Asst. Sec. & & Vice Pres.
Margaret Burton	(Appointed) 9-11-13/9-11-18	None	None	Asst. Sec. & & Vice Pres.
C. Ray Owsley	(Elected) 5-6-12/5-6-16	None	None	Prior President

Key Administrative Personnel:

Debra Fagin	4-1-16	\$ 13,749	\$ -	Manager
Cindy Caldwell	6-30-15/3-31-16	\$ 17,901	\$ -	Prior Staff

Consultants:

Ector County Appraisal District	7-01-05	\$ 5,370	\$ -	Appraiser/ Tax Collector
Joe L. Torres, P.C.	9-01-96	\$ 18,250	\$ -	Independent Auditor

**ECTOR COUNTY UTILITY DISTRICT
ANNUAL REPORT
Financial Statements
with Supplementary Information**

**Year Ended September 30, 2015
(with Auditor's Report thereon)**

**ECTOR COUNTY UTILITY DISTRICT
TABLE OF CONTENTS**

	<u>Page</u>
Annual Filing Affidavit	1
Independent Auditor's Report	2-3
Management's Discussion and Analysis	4-7
Basic Financial Statements (Columnar Format)	
a. Statement of Net Assets and Governmental Funds Balance Sheet	8
b. Statement of Activities and Governmental Funds Revenues, Expenditures, and Changes in Fund Balance	9
Notes to the Basic Financial Statements	10-16
Required Supplementary Information	18
Budgetary Comparison Schedule	
Option 1- Combined view of a district with a non-appropriated budget	
Texas Supplementary Information (TSI)	
TSI – 1. Services and Rates	21-22
TSI – 2. General Fund Expenditures	23
TSI – 3. Temporary Investments	24
TSI – 4. Taxes Levied and Receivable	25
TSI – 5. Long-Term Debt Service Requirements by Years	26-27
TSI – 6. Changes in Long-Term Bonded Debt	28
TSI – 7. Comparative Schedule of Revenues and Expenditures- General Fund, Debt Service Fund, and Capital Project Fund - Five Years	29-34
TSI – 8. Board Members, Key Personnel, and Consultants	35

ANNUAL FILING AFFIDAVIT

STATE OF TEXAS }
COUNTY OF Ector }

I, Ray Owsley of the
(Name of Duly Authorized District Representative)

Ector County Utility District
(Name of District)

hereby swear, or affirm, that the district above has reviewed and approved at a meeting of the District's Board of Directors on the 18th day of January, 2016,
it's annual audit report for the fiscal period ended September 30, 2015
and that copies of the annual audit report have been filed in the District's office, located at 1039 N Moss, Odessa, TX 79763
(Address of the District's Office)

This filing affidavit and the attached copy of the audit report will be submitted to the Texas Commission on Environmental Quality to satisfy the annual filing requirements of Texas Water Code Section 49.194.

Date: January 18th, 2016

By: _____
(Signature of District Representative)

Ray Owsley, President
(Typed Name and Title of District Representative)

Sworn to and subscribed to before me this 18th day of January, 2016

(Signature of Notary)

My commission Expires on: _____.

Notary Public in the State of Texas.

JOE L. TORRES, P.C.
Certified Public Accountant

Bus: (432) 550-5882
Fax: (432) 550-5893

MEMBER OF
AMERICAN INSTITUTE OF CERTIFIED
PUBLIC ACCOUNTANTS
TEXAS SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS

5000 E. University, Suite 3
Odessa, Texas 79762

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Ector County Utility District

Report on the Financial Statements

I have audited the accompanying financial statements of the governmental activities of Ector County Utility District, as of and for the year ended September 30, 2015, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express opinions on these financial statements based on my audit. I conducted my audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, I express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities of the Ector County Utility District as of September 30, 2015, and the results of its operations thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

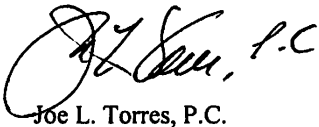
Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 4 through 7 and page 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. I have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge I obtained during my audit of the basic financial statements. I do not express an opinion or provide any assurance on the information because the limited procedures do not provide me with sufficient evidence to express an opinion or provide any assurance.

Other Information

My audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Ector County Utility District's basic financial statements. The accompanying Texas Supplementary Information schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements. The Texas Supplementary Information has been subjected to the auditing procedures applied in the audit of the basic financial statements. In my opinion, the Texas Supplementary Information is fairly stated in all material respects in relation to the basic financial statements as a whole.



Joe L. Torres, P.C.
Odessa, Texas
January 15, 2016

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED SEPTEMBER 30, 2015**

Our discussion and analysis of the Ector County Utility District (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended September 30, 2015. The District's financial performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

OVERVIEW OF THE FINANCIAL STATEMENTS

Management's Discussion and Analysis introduces the District's basic financial statements. The basic financial statements include the government – wide financial statements and notes to the financial statements. The District also includes in this report additional information to supplement the basic financial statements.

FINANCIAL HIGHLIGHTS

- The District's net assets increased by \$398,322 which represents a 3.2% increase from 2014.
- General Revenues accounted for \$4.1 million in revenues or 89.18 percent of all revenues. Water service revenue provided to residents in the District accounted for \$4.0 million or 84.45 percent of all revenues.
- The District expended \$1,651,184 on infrastructure capital assets during the current year.
- The District had \$3.5 million in expenses related to the delivery of water service to its residents.
- The District's outstanding '77 Bond Series was paid off in '05.

FINANCIAL ANALYSIS OF THE WATER DISTRICT AS A WHOLE

The District's annual report includes three government-wide financial statements. These statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Assets and the Statement of Activities

Our analysis of the District as a whole begins on page 10. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse as a result of the year's activities?" The Statement of Net Assets and The Statement of Activities report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to accounting used by most private-sector companies. Accrual of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net assets and changes in them. You can think of the District's net assets, the difference between assets, what the District owns, and liabilities, what the District owes, as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net assets are one indicator of the whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the District's jurisdiction, the availability of capital projects, and continuing local government support to assess the overall health of the District.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2015**

Reporting the District's most Significant Funds

The Board of Directors has determined that all of its funds are considered major. The District only has governmental funds.

Major Funds

- General
- Debt Service
- Capital Projects

Governmental Funds: The District's services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds are reported using an accounting method called accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's programs.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the governmental-wide. The notes to the financial statements can be found on pages 10 through 16 of this report.

Other information: In addition to the basic financial statements and accompanying notes, this report also presents schedules which can be found on pages 21 through 35 of this report.

THE DISTRICT AS A WHOLE

The District's total net assets changed from a year ago increasing from \$12.41 million to \$ 12.80 million. Our analysis below focuses on the net assets (Table 1) and changes in net assets (Table 2) of the District's Government activities.

**Table 1
Net Assets (in millions)**

	2015	2014
Cash and investments	\$ 6.28	\$ 7.38
Receivables	1.40	1.32
Other Assets	0.01	-
Capital assets, net of accumulated depreciation	6.82	5.37
Total Assets	14.51	14.07
 Long Term Obligations	 \$ -	 \$ -
Other Liabilities	1.71	1.66
Total Liabilities	1.71	1.66
 Net assets:		
Invested in Capital assets, net of related debt	\$ 6.82	\$ 5.37
Restricted	0.16	0.55
Unrestricted	5.82	6.49
Total Net Assets	\$ 12.80	\$ 12.41

Net Assets of the District's activities increased 3.2 percent or \$0.4 million. The Decrease in restricted Net Assets of \$0.39 million is attributed to the transfer from tax fund to general fund. Unrestricted net assets, the part of net assets that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements – decreased by \$0.67 million.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2015**

Table 2 compares the 2015 change in net assets to the 2014 change in net assets.

**Table 2
Changes in Net Assets for 2015
Compared with 2014 activity
(in millions)**

	2015	2014	Change
General Revenues:			
Water Service	\$ 3.97	\$ 3.90	\$ 0.07
Other Revenues	0.14	-	0.14
Debt Service Revenues:			
Property Taxes	0.50	0.49	0.01
Other Revenues	0.03	0.03	-
Capital Project Revenues:			
Other Revenues	-	-	-
Total Revenues	<u>\$ 4.64</u>	<u>\$ 4.42</u>	<u>\$ 0.22</u>
General Expenses			
Water Services	\$ 3.47	\$ 3.45	\$ 0.02
Other Expenses	0.77	0.46	0.31
Debt Service			
Interest Expense / Other	-	-	-
Capital Project Expenses			
Other Expenses	-	-	-
	<u>\$ 4.24</u>	<u>\$ 3.91</u>	<u>\$ 0.33</u>
Increase in Net Assets	<u><u>\$ 0.40</u></u>	<u><u>\$ 0.51</u></u>	<u><u>\$ (0.11)</u></u>

The major increase in General Revenues is derived from the higher volumes in water being served by the District. The major increase in General Expenses is the result of high volumes in water being served by the District.

Financial Analysis of Government Funds

The District's basic financial statements already reflect the major government funds. There are no separate fund financial statements.

Table 3 presents the fund balances of the major funds and an analysis of significant changes in the fund balances.

**Table 3
Changes in Year End Fund Balance
(in millions)**

	2015	2014	% Change
General	\$ 0.74	\$ 0.53	39.62%
Debt Service	(0.34)	0.23	-247.83%
Capital Projects	<u>-</u>	<u>(0.25)</u>	100.00%
Total Governmental Balances	<u><u>\$ 0.40</u></u>	<u><u>\$ 0.51</u></u>	<u><u>-21.57%</u></u>

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2015**

The 39.62% increase in the General Fund can be attributed to the costs of capital outlay.

The 247.83% decrease in Debt Service Fund can be attributed to a transfer amount to the General Fund from \$0.52 million to 0.18 million.

The Capital Projects Fund has no change because it was closed in prior year.

Capital Assets and Debt Administration

Capital Assets

At year-end, the District had \$6.82 million in capital assets. This amount represents a net increase (including additions and deletions) of \$1.65 million, or 16.0%, over the last year. Depreciation recorded in fiscal 2015 was \$207,716.

Debt Administration

At year-end, the District had \$0 in outstanding bonds payable versus \$0 last year, representing no change. The fiscal year 2015 interest rate was 0%. For a breakdown of the interest payment schedule refer to Note 5 of the basic financial statements. There has been no change in credit ratings of the District, and there are no debt limitations affecting the District's financing of planned facilities or services.

The Budget, Economic Environment and Rates

The District has operated solely in West Ector County since its 1976 formation. The District is currently looking at opportunities for expanding to other parts of West Odessa (Ector County).

The Economic factors impacting the District's budget include real estate development, federal grants, and the oil and gas industry. As noted in the schedule TSI – (4), Analysis of Taxes Levied, the property values have continued to increase. This is a result of some areas within the District being developed. Part of the development that has occurred in the District is a result of the County receiving federal grants to help provide water service.

The District is situated in a predominantly oil and gas based economy. As prices for oil continue to increase, the property values experience similar increases. Therefore, the District will follow the trend of the economics of mineral interests. This factor alone represents the major favorable increase in property tax revenues.

It is important that the District is able to succeed in the development of these projects not only for Ector County and its residents but also for the longevity of the District. The District has no continued revenue source except an administration fee charged on the water service it provides to its customers. With additional construction projects for more customers in Ector County, the District will be able to survive and continue to provide the residents of West Odessa with an easier way to get water service.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2015

	Genral Fund	Debt Service Fund	Capital Project Fund	Governmental Funds Total	Adjustments	Government Wide Total
ASSETS						
Cash and investments	\$ 6,240,735	\$ 41,148	\$ -	\$ 6,281,883	\$ -	\$ 6,281,883
Taxes receivable	-	745,611	-	745,611	-	745,611
Other receivables	309,396	2,590	-	311,986	-	311,986
Due from Other Governments	343,577	-	-	343,577	-	343,577
Due from Other Funds	31,364	-	-	31,364	(31,364)	-
Other Assets	12,500	-	-	12,500	-	12,500
Capital assets (net of accumulated depreciation)						
Land & Improvements	-	-	-	-	622,701	622,701
Infrastructure	-	-	-	-	6,188,632	6,188,632
Other capital assets	-	-	-	-	5,312	5,312
Total assets	<u>\$ 6,937,572</u>	<u>\$ 789,349</u>	<u>\$ -</u>	<u>\$ 7,726,921</u>	<u>\$ 6,785,281</u>	<u>\$ 14,512,202</u>
LIABILITIES						
Accounts payable	\$ 717,847	\$ -	\$ -	\$ 717,847	\$ -	\$ 717,847
Payable from Restricted						
Assets-Deposits	343,577	-	-	343,577	-	343,577
Payable for water loop construction	-	-	-	-	-	-
Payroll tax liabilities	557	-	-	557	-	557
Accrued Expenses	49,921	-	-	49,921	-	49,921
Deferred revenues	-	595,595	-	595,595	-	595,595
Due to Other Funds	-	31,364	-	31,364	(31,364)	-
Other Payables	741	-	-	741	-	741
Long-term liabilities:						
Due within one year	-	-	-	-	-	-
Due after one year	-	-	-	-	-	-
Total Liabilities	<u>1,112,643</u>	<u>626,959</u>	<u>-</u>	<u>1,739,602</u>	<u>(31,364)</u>	<u>1,708,238</u>
FUND BALANCES/NET ASSETS						
Fund balances:						
Nonspendable	-	-	-	-	-	-
Restricted	-	-	-	-	-	-
Committed	-	-	-	-	-	-
Debt service funds	2,000	-	-	2,000	(2,000)	-
Capital projects funds	-	-	-	-	-	-
Assigned	-	162,390	-	162,390	(162,390)	-
Unassigned	5,822,929	-	-	5,822,929	(5,822,929)	-
Total fund balances	<u>5,824,929</u>	<u>162,390</u>	<u>-</u>	<u>5,987,319</u>	<u>(5,987,319)</u>	<u>-</u>
Total liabilities and fund balances	<u>\$ 6,937,572</u>	<u>\$ 789,349</u>	<u>\$ -</u>	<u>\$ 7,726,921</u>	<u>\$ (6,018,683)</u>	<u>\$ 1,708,238</u>
Net assets:						
Invested in capital assets net of related debt						
Restricted for debt services					162,390	162,390
Restricted for capital projects					6,816,645	6,816,645
Unrestricted					5,824,929	5,824,929
Total net assets					<u>\$ 12,803,964</u>	<u>\$ 12,803,964</u>

See accompanying notes to financial statements.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES,
EXPENDITURES, AND CHANGES IN FUND BALANCES
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2015

	General Fund	Debt Service Fund	Capital Projects Fund	Governmental Funds Total	Adjustments	Government Wide Total
Revenues:						
Charges for water service	\$ 3,965,693	\$ -	\$ -	\$ 3,965,693	\$ -	\$ 3,965,693
Property taxes	-	487,089	-	487,089	-	487,089
Tap connection and inspection fees	(28,699)	-	-	(28,699)	-	(28,699)
Investments earnings (loss)	179,102	-	-	179,102	-	179,102
Penalties and Interest	-	20,080	-	20,080	-	20,080
Other	3,746	886	-	4,632	-	4,632
Total revenues	4,119,842	508,055	-	4,627,897	-	4,627,897
Expenditures/expenses:						
Service operations:						
Purchased water service	3,472,589	-	-	3,472,589	-	3,472,589
Salaries, benefits, payroll taxes & Contract Labor	39,008	-	-	39,008	-	39,008
Contracted services	158,583	-	-	158,583	-	158,583
Professional fees	23,864	-	-	23,864	-	23,864
Director fees	-	-	-	-	-	-
Other	320,204	6,582	-	326,786	-	326,786
Capital outlay	1,651,183	-	-	1,651,183	(1,651,183)	-
Debt service:						
Principal	-	-	-	-	-	-
Interest	-	-	-	-	-	-
Depreciation & Amortization	-	-	-	-	207,715	207,715
Total expenditures/expenses	5,665,431	6,582	-	5,672,013	(1,443,468)	4,228,545
Excess (deficiency) of revenues over expenditures	(1,545,589)	501,473	-	(1,044,116)	1,443,468	399,352
Other financing sources/(uses):						
Transfers-internal activities	863,265	(863,265)	-	-	-	-
Excess (deficiency) of revenues and transfer in over expenditures and transfers out	(682,324)	(361,792)	-	(1,044,116)	1,443,468	399,352
Change in net assets	(682,324)	(361,792)	-	(1,044,116)	1,443,468	399,352
Fund balance/net assets:						
Beginning of the year	6,506,283	524,182	-	7,030,465	5,375,177	12,405,642
End of the year	\$ 5,823,959	\$ 162,390	\$ -	\$ 5,986,349	\$ 6,818,645	\$ 12,804,994

See accompanying notes to financial statements.

**ECTOR COUNTY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 1: CREATION OF DISTRICT

Ector County Utility District (the District) was created by the petition signed by more than 200 persons owning property within the District, on July 12, 1976 under the authority of the Commissioners Court of Ector County, Texas. The District was created under the provisions of Article XVI, Section 59 of the Texas Constitution and operated under the statutory authority of Section 51 of the Texas Water Code until March 10, 1981. At that time, the District was changed to a Municipal Utility District operating under the statutory authority of Section 54.030 of the Texas Water Code. Bonds were issued in August of 1977, and construction of fixed assets began in September of 1977. Primary construction was completed in April of 1979.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The District's basic financial statements include the accounts of all the district's activities. The criteria for including activities within the District's reporting entity, as set forth in GASB Statement No. 14, "The Financial Reporting Entity"; primarily include the degree of oversight responsibility maintained by the Board of Directors. Examples of oversight responsibility include financial interdependency, selection of governing authority, designation of management's ability to significantly influence operations and accountability for fiscal matter. A minimum of two directors are elected every other year to serve a four-year term. This Board of Directors is the policy making and oversight body for the District.

Government Wide Financial Statements

The government-wide financial statements include the statement of net assets and the statement of activities. These statements report financial information for the District as a whole and reflect all the governmental funds maintained by the District. There are no separate fund financial statements.

Basis of Accounting

The financial statements of the District are prepared in accordance with generally accepted accounting principles (GAAP). The government-wide statements report uses the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property tax revenues are recognized in the year for which they are levied.

Basis of Presentation – Fund Accounting

The operations of the District are recorded in the following fund types and account groups:

Governmental Fund Types

- The General Fund accounts for financial resources in use for general types of operations. This is a budgeted fund, and any fund balances are considered as resources available for use.
- The Debt Service Fund accounts for the use of debt services taxes and other revenues collected for the purposes of retiring bond principal and paying interest due. This is a budgeted fund.
- The Capital Projects Fund accounts for proceeds from sales of bonds and other revenues to be used for authorized construction. This is a budgeted fund.

Budget Basis of Accounting

The budget is presented on the accrual basis of accounting which is consistent with generally accepted accounting principles ("GAAP").

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Investments

The District invests in authorized U.S. Government Securities, Money Market accounts, government agency securities, corporate bonds, and other securities. Investments are carried at fair value. Management's intent is to hold all investments to maturity.

Capital Assets

The District's land, improvements, and infrastructure with useful lives of more than one year are stated at historical cost and comprehensively reported in the government-wide financial statements. The District maintains infrastructure assets records consistent with all other capital assets. Donated assets are stated at fair value on the date donated. The District generally capitalizes assets purchased and construction outlays when they occur. The costs of normal maintenance and repairs that do not add to the asset value or materially extend useful lives are not capitalized. Capital assets are depreciated using the straight-line method. When capital assets are disposed, the cost and applicable accumulated depreciation are removed from the respective accounts, and the resulting gain or loss is recorded in operations.

Estimated useful lives, in years, for depreciable assets are as follows:

Building	40
Water Systems	50
Office Equipment	5

Other Capital Assets

The District capitalized and charged to organizational costs all costs incurred in the creation of the District. Additionally, the District capitalized during the construction period all costs incurred in the issue of sale of bonds, bond interest, attorney fees and certain administrative expenses. Interest income earned during the construction period on investment of unused funds was credited to organizational costs.

	Total Interest Costs Incurred	Interest Revenue Used to Offset Interest Costs	Capitalized Interest
General	\$500,000	\$7,000	\$493,000

These interest costs are being amortized on a straight line basis over the term of the Bonds which is 30 years. There is no material difference in comparison to the utilization of the effective interest method.

The organization costs of \$ 20,117 are being amortized over a 40 year period.

Net Assets

Net Assets represent the difference between assets and liabilities. Net assets invested in capital assets, net of related debt consists of capital assets, net of accumulated depreciation. Net assets are reported as restricted when there are limitations imposed on their use either through the enabling legislations adopted by the District or through external restrictions imposed by laws or regulations of other governments.

The order of spending and availability of the fund balance shall be to reduce funds from the listed areas in the following order: restricted, committed, assigned, and then unassigned funds. Negative amounts shall not be reported for restricted, committed, or assigned funds. The five classifications of fund balance of the governmental types are as follows:

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Non-spendable fund balance shall mean that portion of the gross fund balance that is not expendable (such as inventories) or is legally earmarked for a specific use.

Restricted fund balance shall include amounts constrained to a specific purpose by the provider, such as a grantor.

Committed fund balance shall mean that portion of the fund balance that is constrained to a specific purpose by the Board of Directors.

Assigned fund balance shall mean that portion of the fund balance that is spendable or available for appropriation but has been tentatively earmarked for some specific purpose. When it is appropriate for fund balance to be assigned, the Board delegates the responsibility to assign funds to the Board President or his designee.

Unassigned fund balance shall include amounts available for any legal purpose. This portion of the total fund balance in the General Fund is available to finance operating expenditures. Unassigned fund balance shall mean the difference between the total fund balance and the total of the non-spendable fund balance, restricted fund balance, committed fund balance and assigned fund balance.

NOTE 3: PLEDGE OF REVENUES

Under the provisions of the Water System and Refunding Bonds, series 1977, Section 7(a), the bonds are payable from the proceeds of an ad valorem tax levied upon all taxable property subject to taxation within the District, without limitation as to rate or amount, and are further payable from and secured by a lien on and pledge of the net revenues to be received from the operation of the District Waterworks. See Note 6 for debt service tax rate and the assessed values.

NOTE 4: CASH AND TEMPORARY INVESTMENTS

The District maintains and controls three cash operating accounts in the General Fund and Debt Service Fund. In addition, certificates of deposits, governmental securities, mutual funds and governmental money market mutual funds are separately held and reflected in their respective fund.

All funds of the District are secured in the manner provided by law, and except for current requirements, shall be continually invested and re-invested in investment securities authorized in Chapter 51, Texas Water Code.

At September 30, 2015, cash and temporary investments totaled \$6,281,883 which included \$5,837,277 in governmental securities, corporate bonds, governmental agency funds, and other investments and \$444,606 in checking accounts. The various investment securities bear interest at various rates. The checking accounts bear interest at various rates from 0% to 0.2% at September 30, 2015.

The District's investment policy allows investments only in:

- (1) obligations of the United States and the State of Texas or its agencies in instrumentalities;
- (2) direct obligations of the State of Texas;
- (3) other obligations, the principal of and interest on which are unconditionally guaranteed or insured by the State of Texas or the United States or its agencies of instrumentalities;
- (4) obligations of the states, agencies, counties, cities, and other political subdivisions of any state having been rated at not less than an "A" by a nationally recognized rating firm;
- (5) certificates of deposit issued by state and national banks domiciled in Texas that are guaranteed or insured by the FDIC or secured by obligations described above;
- (6) other investments;

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 4: CASH AND TEMPORARY INVESTMENTS (Continued)

Deposits are invested at two financial institutions and are secured as follows:

	<u>Fair Value Amount</u>	<u>Category</u>
Deposits insured by Federal Deposit Insurance Corporation	\$ 750,000	1
Deposits invested in various securities held at Raymond James	<u>\$5,531,883</u>	1
TOTAL	<u>\$6,281,883</u>	

Cash and Investments held at a financial institution can be categorized according to three levels of risk. These three levels of risk are:

- Category 1 Cash and Investments that are insured, registered or held by the entity or by its agent in the District name.
- Category 2 Investments that are uninsured and unregistered held by the counterparty's trust department or agent in the District name.
- Category 3 Uninsured and unregistered investments held by the counterparty, its trust or its agent, but not in the District name.

Based on these three levels of risk, all of the District's cash deposits and certificates of deposits are classified as Category 1 and the District's Investment in governmental securities, mutual funds and government money market funds are classified by risk level as Category 2.

NOTE 5: BONDED DEBT PAYABLE

The District issued bonds in 1977 and 1978 to finance the construction of the water system. These bonds bear interest at the following rates per annum:

District's \$4,860,000 Series 1977 Bonds - \$5,000 denominations

Bonds numbered 733 through 972, maturing in the years 2003 through 2005	4.60%
---	-------

Interest is payable semi-annually on August 1 and February 1 until the principal sum is paid in full.

The District reserves the right to redeem the unmatured bonds on the dates shown in the tables below by paying the following redemption prices, expressed as a percentage of par value, plus accrued interest:

<u>Series 1977 Redemption Dates</u>	<u>Redemption Price</u>
August 1, 1996 and thereafter	100%

If less than all of the bonds then outstanding are called for redemption, the bonds shall be called in inverse numerical order. The general long-term debt as of September 30, 2015 follows:

<u>Obligation</u>	<u>Original Amount</u>	<u>Interest Rate</u>	<u>Balance Outstanding 10-1-14</u>	<u>Issued (Retired) During Year</u>	<u>Balance Outstanding 9-30-15</u>
1977 Series	\$4,860,000	4.60%	\$ - \$ -	\$ - \$ -	\$ - \$ -

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 5: BONDED DEBT PAYABLE (Continued)

Maturities of bonded debt payable at September 30, 2015, are as follows:

Year ending September 30 2015	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -

The Debt Service Fund is being managed and utilized according to the provisions of the bond resolutions. There are no escrowed or reserved amounts nor has there been any use of surplus or escrowed funds requiring Director's approval.

NOTE 6: LEVY OF AD VALOREM TAXES

Property tax is levied each October 1 on the assessed (appraised) value listed as of the prior January 1 for all real and business property located in the District. Taxable assessed value represents the appraisal value less exemptions authorized by the District. Appraised values are established by the Appraisal District at 100% for estimated fair market value.

Property taxes receivable are recorded in the Debt Service Fund fifteen days (taxpayer protest period) after the debt service budget is approved by the Board. Revenues are recognized for the budgeted year. At fiscal year end, the receivables represent current and delinquent taxes.

Taxes are due on October 1, the levy date, and are delinquent after the following January 31.

Property taxes are collected and remitted to the District by the Appraisal District. There is only one debt service tax assessment. There is no maintenance tax assessment. Effective July 1, 2015, the District levied an ad valorem tax of \$0.073819 per \$100 assessed valuation on all taxable property with appraised value of \$728,224,258 within the District. Major tax payments are received between October and February and are recognized as revenue for the related tax year. Property taxes become delinquent on February 1.

The fund balance in the Debt Service Fund has been designated to be used solely for payment of the interest on and principal of the Outstanding Bonds.

NOTE 7: WATER RATES

The District has established a water rate charge to its customers based upon rate charged by the City of Odessa (City) to its customers within the City limits. The rate the City charges the District for water purchased is based on the total number of customers within the District. Currently, the rate is 1.5 times the rate charged by the City to its customer within the City limits.

Actual water rates charged by the District to its customers are as follows:

First 2,000 gallons	\$26.21 (minimum)
Any additional gallons	7.31 per thousand

NOTE 8: CAPITAL ASSETS

The following table provides a summary of changes in capital asset.

	Balance September 30, 2014	Addition	Retirements	Balance September 30, 2015
Land & Improvement	\$ 647,989	\$ 901	\$ -	\$ 648,890
Water System	8,140,208	1,645,849	-	9,786,057
Engineering Costs	712,018		-	712,018
Office Equipment	9,536	4,433	-	13,969
	<u>\$ 9,509,751</u>	<u>\$ 1,651,183</u>	<u>\$ -</u>	<u>\$ 11,160,934</u>

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 8: CAPITAL ASSETS (CONTINUED)

The following table provides a summary of changes in the accumulated depreciation.

	Balance September 30, 2014	Expense	Retirements	Balance September 30, 2015
Land & Improvement	\$ 11,907	\$ 14,282	\$ -	\$ 26,189
Water System	4,116,639	192,804	-	4,309,443
Engineering Costs	-	-	-	-
Office Equipment	9,536	126	-	9,662
	<u>\$ 4,138,082</u>	<u>\$ 207,212</u>	<u>\$ -</u>	<u>\$ 4,345,294</u>

NOTE 9: GASB 34 IMPLEMENTATION

Effective October 1, 2003, Ector County Utility District, adopted GASB Statement No. 34, Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments. This pronouncement establishes standards for the form and content of the basic financial statements to be issued by all state and local governmental entities. As a result of the adoption of GASB No. 34, the following adjustments are reflected in the basic financial statements as follows:

COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET

Fund balances - total government fund \$ 5,987,319

Amounts reported for governmental activities in the statement
of net assets are different because:

Capital assets used and governmental activities are not
financial resources therefore are not reported in the
governmental funds.

Governmental capital assets	11,160,934	
Less accumulated depreciation	(4,345,294)	6,815,640

Other assets used in governmental activities are not
financial resources and therefore are not reported in
the governmental funds.

Bond Costs	492,627	
Organizational Costs	20,117	
Less accumulated amortization	(511,739)	1,005

Long term liabilities, including bonds payable in the
current period and therefore are not reported in the
governmental funds.

Bonds payable		<u>-</u>
---------------	--	----------

Net assets of government activities		<u>\$ 12,803,964</u>
-------------------------------------	--	----------------------

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2015**

NOTE 9: GASB 34 IMPLEMENTATION (Continued)

**COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES, EXPENDITURES AND CHANGES
IN FUND BALANCES**

Net change in fund balances - total governmental funds	\$ (1,045,146)
--	----------------

Amounts reported for governmental activities in the
statement of activities are different because:

Governmental funds report capital outlays as expenditures.
However, in the statements of activities, the cost of those
assets are depreciated over their estimated useful lives.

Expenditures for capital assets	1,651,183	
Less current year depreciation	(207,715)	1,443,468

Repayment of bond principal is an expenditure in the
governmental funds, but the repayment reduces long
term liabilities in the statement of net assets.

Principal payments		-
Changes in net assets of government activities	\$	<u>398,322</u>

REQUIRED SUPPLEMENTARY INFORMATION

ECTOR COUNTY UTILITY DISTRICT
RSI – 1 BUDGETARY COMPARISON SCHEDULE – COMBINED VIEW WITH A NON-APPROPRIATED BUDGET
FOR THE YEAR ENDED SEPTEMBER 30, 2015

	Actual	Original Budget	Variance Positive (Negative)
Revenues:			
Charges for Water Service	\$ 3,965,693	\$ 3,970,000	\$ (4,307)
Property taxes	487,089	500,000	(12,911)
Penalties and interest	20,080	20,000	80
Investment earnings	179,102	180,000	(898)
Other	4,632	13,000	(8,368)
Total revenues	<u>\$ 4,656,596</u>	<u>\$ 4,683,000</u>	<u>\$ (26,404)</u>
Expenditures/expenses:			
Service operations:			
Purchased water service	\$ 3,472,589	\$ 3,500,000	\$ 27,411
Tap connection and inspection fees	28,699	28,000	(699)
Salaries, benefits, payroll taxes & Contract Labor	39,008	36,000	(3,008)
Contracted services	158,583	160,000	1,417
Professional fees	44,735	44,000	(735)
Other	306,944	310,000	3,056
			-
Debt Service			-
Principal and interest	\$ -		\$ -
Other expenses	-		-
Capital outlay	1,651,184	1,650,000	(1,184)
Total expenditures/expenses	<u>5,701,742</u>	<u>5,728,000</u>	<u>26,258</u>
Excess (deficiency) of revenues over expenditures	(1,045,146)	(1,045,000)	(146)
			-
Other financing sources/uses:			-
Transfers - internal activities	<u>-</u>	<u>-</u>	<u>-</u>
Excess (deficiency) of revenues and transfers in over expenditures and transfers out	<u>(1,045,146)</u>	<u>(1,045,000)</u>	<u>(146)</u>
Fund balance:			
Beginning of the year	\$ 7,030,465	\$ 7,030,465	
End of the year	<u>\$ 5,985,319</u>	<u>\$ 5,985,465</u>	

TEXAS SUPPLEMENTARY INFORMATION

**ECTOR COUNTY UTILITY DISTRICT
SUPPLEMENTARY SCHEDULES INCLUDED WITHIN THIS REPORT
SEPTEMBER 30, 2015**

Notes Required by the Agency

The required information is included within the notes to the basic financial statements.

- TSI – 1 Service and Rates
- TSI – 2 Schedule of General Fund Expenditures
- TSI – 3 Schedule of Temporary Investments
- TSI – 4 Analysis of Taxes Levied and Receivable
- TSI – 5 Long-Term Debt Service Requirements – by Years
- TSI – 6 Changes in Long-Term Debt
- TSI – 7 Comparative Statement of Revenues and Expenditures – All Governmental Fund Types – Five Years
- TSI – 8 Board Members, Key Personnel and Consultants

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES
YEAR ENDED SEPTEMBER 30, 2015**

1. Services Provided by the District during the Fiscal Year:

<input checked="" type="checkbox"/> Retail Water	<input type="checkbox"/> Wholesale Water	<input type="checkbox"/> Drainage
<input type="checkbox"/> Retail Wastewater	<input type="checkbox"/> Wholesale Wastewater	<input type="checkbox"/> Irrigation
<input type="checkbox"/> Parks/Recreation	<input type="checkbox"/> Fire Protection	<input type="checkbox"/> Security
<input type="checkbox"/> Solid Waste/Garbage	<input type="checkbox"/> Flood Control	<input type="checkbox"/> Roads
<input type="checkbox"/> Participates in joint venture, regional system, and/or wastewater service (other than emergency interconnect)		
<input type="checkbox"/> Other (specify): _____		

2. Retail Service Providers

a. Retail Rates for a 5/8" meter (or equivalent):

	<u>Minimum Charge</u>	<u>Minimum Usage</u>	<u>Flat Rate Y/N</u>	<u>Rate per 1000 Gallon Over Minimum Use</u>	<u>Usage Level</u>
WATER:	\$ 26.21	2000 GALS	N	\$ 7.31	2001 to ++
WASTE WATER:	\$ _____	_____	_____	\$ _____	_____ to _____
SURCHARGE:	\$ _____	_____	_____	\$ _____	_____ to _____

District employs winter averaging for wastewater usage? Yes ☐ No ☒

Total charges per 10,000 gallons usage: Water: \$ 56.43 Wastewater: \$ _____.

b. Water and Wastewater Retail Connections:

<u>Meter Size</u>	<u>Total Connections</u>	<u>Active Connections</u>	<u>ESFC Factor</u>	<u>ESFC</u>	<u>Active</u>
Unmetered				x 1.0	
≤3/4"	5,157	4,999		x 1.0	4,999
1"				x 2.5	
1 1/2"				x 5.0	
2"				x 8.0	
3"				x 15.0	
4"				x 25.0	
6"				x 50.0	
8"				x 80.0	
10"				x 115.0	
Total Water	5,157	4,999			4,999
Total Wastewater	-	-		x 1.0	

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES (Continued)
YEAR ENDED SEPTEMBER 30, 2015**

3. Total Water Consumption during the Fiscal Year (rounded to the nearest thousand):

Gallons pumped into system: <u>426,738</u>	Water accountability Ratio:
Gallons billed to customers: <u>426,738</u>	(Gallons billed/ Gallons pumped)
	<u>1.0</u>

4. Standby Fees (authorized only under TWC Section 49.231):

Does the District have Debt Service standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

Does the District have Operation and Maintenance standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

5. Location of District

County(ies) in which the District is located: Ector

Is the District located entirely within one county? Yes ☒ No ☐

Is the District located within a city? Entirely ☐ Partly ☒ Not at all ☐

City(ies) in which the District is located: Odessa

Is the District located within a city's extra territorial jurisdiction (ETJ)?
Entirely ☐ Partly ☒ Not at all ☐

ETJs in which the District is located: Ector County

Are board members appointed by an office outside the district? Yes ☐ No ☒

If yes, by whom? N/A

**ECTOR COUNTY UTILITY DISTRICT
TSI – (2) SCHEDULE OF GENERAL FUND EXPENDITURES
FOR THE YEAR ENDED SEPTEMBER 30, 2015**

Personnel Expenditures (including benefits)*	<u>\$ 37,210</u>
Professional Fees:	
Auditing	<u>13,900</u>
Legal	<u>9,964</u>
Engineering	<u>-</u>
Financial Advisor	<u>-</u>
Purchased Services For Resale	
Bulk Water and Wastewater Service Purchases	<u>3,472,589</u>
Tap collection and inspection fees	<u>67,831</u>
Contracted Services:	
Bookkeeping	<u>-</u>
General Manager	<u>-</u>
Appraisal District	<u>-</u>
Tax Collector	<u>-</u>
Other Contracted Services	<u>209,911</u>
Utilities + Rent	<u>22,788</u>
Repairs and Maintenance	<u>13,826</u>
Administrative Expenditures:	
Office Supplies	<u>8,856</u>
Insurance	<u>6,667</u>
Other Administrative Expenditures	<u>29,577</u>
Capital Outlay:	
Capitalized Assets	<u>1,651,184</u>
Expenditures not Capitalized	<u>189,989</u>
Tap Connection Expenditures	<u>-</u>
Solid Waste Disposal	<u>-</u>
Fire Fighting	<u>-</u>
Parks and Recreation	<u>-</u>
Other Expenditures	<u>-</u>
TOTAL EXPENDITURES	<u><u>\$ 5,734,292</u></u>

*Number of persons employed by the District: 1 Full-Time 1 Part-Time

**ECTOR COUNTY UTILITY DISTRICT
TSI – (3) SCHEDULE OF TEMPORARY INVESTMENTS
SEPTEMBER 30, 2015**

Funds	Indentification or Certificate Number	Interest Rate	Maturity Date	Balance at End of Year	Accrued Interest Receivable at End of Year
<u>General Funds</u>					
Raymond James Government Securities	78758222	1.25%-5.50%	Various	<u>\$ 5,837,277</u>	<u>\$ 13,179</u>
Total				<u><u>\$ 5,837,277</u></u>	<u><u>\$ 13,179</u></u>
<u>Debt Service Fund</u>					
Total				<u>\$ -</u>	<u>\$ -</u>
Total - All Funds				<u><u>\$ 5,837,277</u></u>	<u><u>\$ 13,179</u></u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (4) ANALYSIS OF TAXES LEVIED AND RECEIVABLE
YEAR ENDED SEPTEMBER 30, 2015

	Maintenance Taxes	Service Taxes	District Taxes
Taxes Receivable, Beginning of Year	\$ -	\$ 637,105	\$ -
2015 Original Tax Levy (less abatements)	-	595,595	-
Total to be accounted for	-	1,232,700	-
Tax Collections:			
Current year	-	-	-
Prior years	-	487,089	-
Total Tax Collections	-	487,089	-
Taxes Receivable, End of Year	-	745,611	-
Taxes Receivable , By Years			
2014 and Prior Years	-	150,016	-
2015	-	595,595	-
Taxes Receivable, End of Year	\$ -	\$ 745,611	\$ -

	2015	2014	2013	2012
Property Valuations:				
Land	\$ 89,425,881	\$ 88,645,127	\$ 76,190,096	\$ 55,024,903
Improvements	541,219,754	477,924,790	430,330,156	367,655,559
Personal Property	112,091,849	146,213,207	115,761,286	86,606,407
Total Property Valuations	\$ 742,737,484	\$ 712,783,124	\$ 622,281,538	\$ 509,286,869
Tax Rates Per \$100 Valuation:				
Debt service tax rates	\$0.073819	\$0.070147	\$0.098150	\$0.098196
Total Tax Rates per \$100 Valuations	\$0.073819	\$0.070147	\$0.098150	\$0.098196
Original Tax Levy:	\$ 595,595	\$ 499,996	\$ 499,997	\$ 499,890
Percent of Taxes Collected to Taxes Levied	81.78%	97.66%	100.52%	95.03%

ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2015

<u>DUE DURING FISCAL YEAR ENDING</u>	<u>Series 1977</u>		
	<u>Principal Due 08/01</u>	<u>Interest Due 02/01,08/01</u>	<u>Total</u>
2015	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2015**

<u>DUE DURING FISCAL YEAR ENDING</u>	<u>Series 1978</u>		<u>Total</u>
	<u>Principal Due 08/01</u>	<u>Interest Due 02/01,08/01</u>	
2015	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**ECTOR COUNTY UTILITY DISTRICT
TSI – (6) ANALYSIS OF CHANGES IN LONG-TERM BONDED DEBT
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2015**

	Bond Issues		
	Series 1977	Series 1978	Total
Interest Rate	4.60% to 6.00%		
Dates Interest Payable	02-01 and 08-01		
Maturity Dates	08/01/06		
Beginning Bonds Outstanding	\$ -	\$ -	\$ -
Bonds Sold During the Fiscal Year	\$ -	\$ -	\$ -
Bond Retired During the Fiscal Year	\$ -	\$ -	\$ -
Ending Bonds Outstanding	\$ -	\$ -	\$ -
Interest Paid During the Fiscal Year	\$ -	\$ -	\$ -

Paying Agent's Name and City

Series 1977: J.P. Morgan Chance Bank, Dallas, TX

Series 1978: J.P. Morgan Chance Bank, Dallas, TX

Bond Authority:	Tax Bonds	Other Bonds	Refunding Bonds
Amount Authorized by Voters	\$ 5,950,000	\$ -	\$ -
Amount Issued	\$ 5,560,000	\$ -	\$ -
Remaining To Be Issued	\$ 390,000	\$ -	\$ -

Debt Service Fund cash and temporary investments balances as of September 30, 2015:

Average annual debt service payment (Principal and Interest) for remaining term of all debt:

\$ 41,148
\$ -

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2015

GENERAL FUND	AMOUNTS				
	2015	2014	2013	2012	2011
REVENUES:					
Water Service	\$3,965,693	\$3,896,654	\$3,687,972	\$2,639,385	\$2,777,389
Tap connection fees					0
Investment earnings (loss)	179,102	94,979	(17,526)	169,409	162,296
Others	3,746	3,330	5,228	1,859	1,337
TOTAL REVENUES	\$4,148,541	\$3,994,963	\$3,675,674	\$2,810,653	\$2,941,022
EXPENDITURES:					
Purchased water services	3,472,589	3,449,419	3,279,390	2,259,528	2,359,349
Purchased taps exceed tap collection	28,699	100,519	18,645	17,275	13,069
Professional fees	23,864	14,968	17,120	12,735	26,892
Contracted services	158,583	134,440	131,339	94,287	106,452
Payroll & Contract Labor	37,210	38,558	47,526	35,950	43,108
Utilities	27,133	39,281	30,404	22,475	22,049
Repairs and maintenance	13,826	-	-	-	0
Other Expenditures	282,072	57,785	54,334	56,934	23,287
Capital Outlay	1,651,184	612,333	3,500	243,237	489,050
TOTAL EXPENDITURES	5,695,160	4,447,303	3,582,258	2,742,421	3,083,256
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(\$1,546,619)	(\$452,340)	\$93,416	\$68,232	(\$142,234)

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2015

GENERAL FUND	PERCENT OF FUND TOTAL REVENUE				
	2015	2014	2013	2012	2011
REVENUES:					
Water Service	96%	98%	100%	94%	95%
Tap connection fees	0%	0%	0%	0%	0%
Investment earnings	4%	2%	0%	6%	5%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Purchased water services	84%	86%	89%	80%	81%
Purchased taps exceed tap collection	1%	3%	1%	1%	0%
Professional fees	1%	0%	0%	0%	1%
Contracted services	3%	3%	4%	3%	4%
Payroll	1%	1%	1%	1%	1%
Utilities	1%	1%	1%	1%	0%
Repairs and maintenance	0%	0%	0%	0%	0%
Other Expenditures	6%	1%	1%	2%	1%
Capital Outlay	40%	15%	0%	9%	17%
TOTAL EXPENDITURES	137%	111%	97%	98%	105%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	-37%	11%	2%	2%	-5%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2015

DEBT SERVICE FUND	AMOUNTS				
	2015	2014	2013	2012	2011
REVENUES:					
Property Taxes	\$487,089	\$488,309	\$487,500	\$451,228	\$453,750
Penalty and interest	20,080	23,454	21,409	21,967	24,597
Investment earnings		-	-	-	(6,662)
Other	886	12,204	-	-	-
TOTAL REVENUES	\$508,055	\$523,967	\$508,909	\$473,195	\$471,685
EXPENDITURES:					
Tax Collection Services	6,532	6,218	7,840	4,545	5,743
Other Expenditures	50	30	(11,288)	(10,651)	11,610
Debt service, interest and fees		-	-	-	-
TOTAL EXPENDITURES	6,582	6,248	(3,448)	(6,106)	17,353
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$501,473	\$517,719	\$512,357	\$479,301	\$454,332
TOTAL ACTIVE RETAIL WATER CONNECTIONS	4,999	5,053	4,687	4,541	4,295

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2015

DEBT SERVICE FUND:	PERCENT OF FUND TOTAL REVENUE				
	2015	2014	2013	2012	2011
REVENUES:					
Property taxes	94%	94%	96%	95%	96%
Penalty and interest	5%	4%	4%	5%	5%
Investment earnings	0%	0%	0%	0%	-1%
Other	1%	2%	0%	0%	0%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Tax Collection Services	1%	1%	2%	1%	1%
Other Expenditures	0%	0%	-2%	-2%	3%
Debt service, interest and fees	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	1%	1%	-1%	-1%	4%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	99%	99%	101%	101%	96%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2015

CAPITAL PROJECT FUND	AMOUNTS				
	2015	2014	2013	2012	2011
REVENUES:					
	\$0	\$0	\$0	\$0	\$0
	-	-	-	-	-
Investment earnings	-	44	218	250	1,230
TOTAL REVENUES	\$0	\$44	\$218	\$250	\$1,230
EXPENDITURES:					
Capital Outlay					21,303
Other Expenditures	-	-	-	166	589
	-	-	-	-	-
TOTAL EXPENDITURES	-	-	-	166	21,892
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$0	\$44	\$218	\$84	(\$20,662)

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2015

	PERCENT OF FUND TOTAL REVENUE				
	2015	2014	2013	2012	2011
CAPITAL PROJECT FUND:					
REVENUES:					
	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%
Investment earnings	0%	100%	100%	100%	100%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Capital Outlay	0%	0%	0%	0%	1732%
Other Expenditures	0%	0%	0%	66%	48%
	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	0%	0%	0%	66%	1780%
EXCESS REVENUES OVER					
(UNDER) EXPENDITURES	0%	100%	100%	34%	-1680%

**ECTOR COUNTY UTILITY DISTRICT
TSI - (8) BOARD MEMBER, KEY PERSONNEL AND CONSULTANTS
SEPTEMBER 30, 2015**

Complete District Mailing Address: 1039 N. Moss Avenue, Odessa, Texas 79763

District Business Telephone Number: (432) 381-5525

Submission Date of the most recent District Registration Form
(TWC Sections 36.054 and 49.054): _____

Limit on Fees of Office that a Director may receive during a fiscal year: \$ 0.00
(Set by Board Resolution – TWC Section 49.060)

<u>Names</u>	<u>Term of Office (Elected of Appointed) or Date Hired</u>	<u>Fees of Officers Paid* 9/30/15</u>	<u>Expense Reimburse- ments 9/30/15</u>	<u>Title at Year End</u>
Board Members:				
C. Ray Owsley	(Elected) 5-6-12/5-6-16	None	None	President
Terry Swann	(Appointed) 7-21-14/7-21-16	None	None	Asst. Sec. & Vice Pres.
Tommy Ervin	(Appointed) 5-6-12/5-6-16	None	None	Asst. Sec. & Vice Pres.
Cruz Castillo	(Appointed) 5-17-10/9-17-16	None	None	Asst. Sec. & & Vice Pres.
Margaret Burton	(Appointed) 9-11-13/9-11-16	None	None	Asst. Sec. & & Vice Pres.
Key Administrative Personnel:				
Cindy Caldwell	7-1-15	\$ 8,883	\$ 216	Manager
Amy Chavez	7-1-10/6-30-15	\$ 25,737	\$ -	Prior Staff
Consultants:				
Ector County Appraisal District	7-01-05	\$ 6,532	\$ -	Appraiser/ Tax Collector
Joe L. Torres, P.C.	9-01-96	\$ 13,900	\$ -	Independent Auditor

**ECTOR COUNTY UTILITY DISTRICT
ANNUAL REPORT
Financial Statements
with Supplementary Information

Year Ended September 30, 2014
(with Auditor's Report thereon)**

**ECTOR COUNTY UTILITY DISTRICT
TABLE OF CONTENTS**

	<u>Page</u>
Annual Filing Affidavit	1
Independent Auditor's Report	2-3
Management's Discussion and Analysis	4-7
Basic Financial Statements (Columnar Format)	
a. Statement of Net Assets and Governmental Funds Balance Sheet	8
b. Statement of Activities and Governmental Funds Revenues, Expenditures, and Changes in Fund Balance	9
Notes to the Basic Financial Statements	10-16
Required Supplementary Information	18
Budgetary Comparison Schedule Option 1- Combined view of a district with a non-appropriated budget	
Texas Supplementary Information (TSI)	
TSI – 1. Services and Rates	21-22
TSI – 2. General Fund Expenditures	23
TSI – 3. Temporary Investments	24
TSI – 4. Taxes Levied and Receivable	25
TSI – 5. Long-Term Debt Service Requirements by Years	26-27
TSI – 6. Changes in Long-Term Bonded Debt	28
TSI – 7. Comparative Schedule of Revenues and Expenditures- General Fund, Debt Service Fund, and Capital Project Fund - Five Years	29-34
TSI – 8. Board Members, Key Personnel, and Consultants	35

ANNUAL FILING AFFIDAVIT

STATE OF TEXAS }
COUNTY OF Ector }

I, Ray Owsley of the
(Name of Duly Authorized District Representative)

Ector County Utility District
(Name of District)

hereby swear, or affirm, that the district above has reviewed and approved at a meeting of the District's Board of Directors on the 19th day of January, 2015,
it's annual audit report for the fiscal period ended September 30, 2014
and that copies of the annual audit report have been filed in the District's office, located at 1039 N Moss, Odessa, TX 79764
(Address of the District's Office)

This filing affidavit and the attached copy of the audit report will be submitted to the Texas Commission on Environmental Quality to satisfy the annual filing requirements of Texas Water Code Section 49.194.

Date: January 19, 2015

By: _____
(signature of District Representative)

Ray Owsley – President
(Typed Name and Title of District Representative)

Sworn to and subscribed to before me this 19th day of January, 2015

(Signature of Notary)

My commission Expires on: _____.

Notary Public in the State of Texas.

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Ector County Utility District

Report on the Financial Statements

I have audited the accompanying financial statements of the governmental activities of Ector County Utility District, as of and for the year ended September 30, 2014, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express opinions on these financial statements based on my audit. I conducted my audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, I express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities of the Ector County Utility District as of September 30, 2014, and the results of its operations thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 4 through 7 and page 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. I have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge I obtained during my audit of the basic financial statements. I do not express an opinion or provide any assurance on the information because the limited procedures do not provide me with sufficient evidence to express an opinion or provide any assurance.

Other Information

My audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Ector County Utility District's basic financial statements. The accompanying Texas Supplementary Information schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements. The Texas Supplementary Information has been subjected to the auditing procedures applied in the audit of the basic financial statements. In my opinion, the Texas Supplementary Information is fairly stated in all material respects in relation to the basic financial statements as a whole.

Joe L. Torres, P.C.
Odessa, Texas
December 29, 2014

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED SEPTEMBER 30, 2014**

Our discussion and analysis of the Ector County Utility District (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended September 30, 2014. The District's financial performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

OVERVIEW OF THE FINANCIAL STATEMENTS

Management's Discussion and Analysis introduces the District's basic financial statements. The basic financial statements include the government – wide financial statements and notes to the financial statements. The District also includes in this report additional information to supplement the basic financial statements.

FINANCIAL HIGHLIGHTS

- The District's net assets increased by \$503,557 which represents a 4.1 % increase from 2013.
- General Revenues accounted for \$3.9 million in revenues or 88.14 percent of all revenues. Water service revenue provided to residents in the District accounted for \$3.9 million or 88.19 percent of all revenues.
- The District expended \$612,333 on infrastructure capital assets during the current year.
- The District had \$3.4 million in expenses related to the delivery of water service to its residents.
- The District's outstanding '77 Bond Series was paid off in '05.

FINANCIAL ANALYSIS OF THE WATER DISTRICT AS A WHOLE

The District's annual report includes three government-wide financial statements. These statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Assets and the Statement of Activities

Our analysis of the District as a whole begins on page 10. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse as a result of the year's activities?" The Statement of Net Assets and The Statement of Activities report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to accounting used by most private-sector companies. Accrual of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net assets and changes in them. You can think of the District's net assets, the difference between assets, what the District owns, and liabilities, what the District owes, as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net assets are one indicator of the whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the District's jurisdiction, the availability of capital projects, and continuing local government support to assess the overall health of the District.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2014**

Reporting the District's most Significant Funds

The Board of Directors has determined that all of its funds are considered major. The District only has governmental funds.

Major Funds

- General
- Debt Service
- Capital Projects

Governmental Funds: The District's services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds are reported using an accounting method called accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's programs.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the governmental-wide. The notes to the financial statements can be found on pages 10 through 16 of this report.

Other information: In addition to the basic financial statements and accompanying notes, this report also presents schedules which can be found on pages 21 through 35 of this report.

THE DISTRICT AS A WHOLE

The District's total net assets changed from a year ago increasing from \$11.90 million to \$ 12.41 million. Our analysis below focuses on the net assets (Table 1) and changes in net assets (Table 2) of the District's Government activities.

**Table 1
Net Assets (in millions)**

	2014	2013
Cash and investments	\$ 7.38	\$ 7.12
Receivables	1.32	1.29
Capital assets, net of accumulated depreciation	5.37	4.94
Total Assets	14.07	13.35
Long Term Obligations	\$ -	\$ -
Other Liabilities	1.66	1.44
Total Liabilities	1.66	1.44
Net assets:		
Invested in Capital assets, net of related debt	\$ 5.37	\$ 5.18
Restricted	0.55	0.81
Unrestricted	6.49	5.91
Total Net Assets	\$ 12.41	\$ 11.90

Net Assets of the District's activities increased 4.1 percent or \$0.51 million. The Decrease in restricted Net Assets of \$0.26 million is attributed to the transfer from tax fund to general fund. Unrestricted net assets, the part of net assets that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements – increased by \$0.58 million.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2014**

Table 2 compares the 2014 change in net assets to the 2013 change in net assets.

**Table 2
Changes in Net Assets for 2014
Compared with 2013 activity
(in millions)**

	2014	2013	Change
General Revenues:			
Water Service	\$ 3.90	\$ 3.69	\$ 0.21
Other Revenues	-	(0.03)	0.03
Debt Service Revenues:			
Property Taxes	0.49	0.49	-
Other Revenues	0.03	0.03	-
Capital Project Revenues:			
Other Revenues	-	-	-
Total Revenues	<u>\$ 4.42</u>	<u>\$ 4.18</u>	<u>\$ 0.24</u>
General Expenses			
Water Services	\$ 3.45	\$ 3.28	\$ 0.17
Other Expenses	0.46	0.45	0.01
Debt Service			
Interest Expense / Other	-	-	-
Capital Project Expenses			
Other Expenses	-	-	-
	<u>\$ 3.91</u>	<u>\$ 3.73</u>	<u>\$ 0.18</u>
Increase in Net Assets	<u><u>\$ 0.51</u></u>	<u><u>\$ 0.45</u></u>	<u><u>\$ 0.06</u></u>

The major increase in General Revenues is derived from the higher volumes in water being served by the District. The major increase in General Expenses is the result of high volumes in water being served by the District.

Financial Analysis of Government Funds

The District's basic financial statements already reflect the major government funds. There are no separate fund financial statements.

Table 3 presents the fund balances of the major funds and an analysis of significant changes in the fund balances.

**Table 3
Changes in Year End Fund Balance
(in millions)**

	2014	2013	% Change
General	\$ 0.53	\$ 0.57	-7.02%
Debt Service	0.23	(0.12)	291.67%
Capital Projects	<u>(0.25)</u>	<u>-</u>	<u>100.00%</u>
Total Governmental Balances	<u><u>\$ 0.51</u></u>	<u><u>\$ 0.45</u></u>	<u><u>13.33%</u></u>

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2014**

The 7.02% decrease in the General Fund can be attributed to the costs of capital outlay.

The 291.67% increase in Debt Service Fund can be attributed to a transfer amount to the General Fund from \$0.64 million to 0.29 million.

The Capital Projects Fund decrease of 100% is attributed to a transfer of the account balance to the general ledger fund.

Capital Assets and Debt Administration

Capital Assets

At year-end, the District had \$5.4 million in capital assets. This amount represents a net increase (including additions and deletions) of \$0.5 million, or 10.2%, over the last year. Depreciation recorded in fiscal 2014 was \$175,144.

Debt Administration

At year-end, the District had \$0 in outstanding bonds payable versus \$0 last year, representing no change. The fiscal year 2014 interest rate was 0%. For a breakdown of the interest payment schedule refer to Note 5 of the basic financial statements. There has been no change in credit ratings of the District, and there are no debt limitations affecting the District's financing of planned facilities or services.

The Budget, Economic Environment and Rates

The District has operated solely in West Ector County since its 1976 formation. The District is currently looking at opportunities for expanding to other parts of West Odessa (Ector County).

The Economic factors impacting the District's budget include real estate development, federal grants, and the oil and gas industry. As noted in the schedule TSI – (4), Analysis of Taxes Levied, the property values have continued to increase. This is a result of some areas within the District being developed. Part of the development that has occurred in the District is a result of the County receiving federal grants to help provide water service.

The District is situated in a predominantly oil and gas based economy. As prices for oil continue to increase, the property values experience similar increases. Therefore, the District will follow the trend of the economics of mineral interests. This factor alone represents the major favorable increase in property tax revenues.

It is important that the District is able to succeed in the development of these projects not only for Ector County and its residents but also for the longevity of the District. The District has no continued revenue source except an administration fee charged on the water service it provides to its customers. With additional construction projects for more customers in Ector County, the District will be able to survive and continue to provide the residents of West Odessa with an easier way to get water service.

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET
September 30, 2014

	Genral Fund	Debt Service Fund	Capital Projects Fund	Total	Adjustments (Note 9)	Statement of Net Assets
ASSETS						
Cash and investments	\$ 6,974,354	\$ 402,022	\$ -	\$ 7,376,376	\$ -	\$ 7,376,376
Taxes receivable	-	637,105	-	637,105	-	637,105
Other receivables	352,719	10,307	-	363,026	-	363,026
Due from Other Governments	322,107	-	-	322,107	-	322,107
Due from Other Funds	25,256	-	-	25,256	(27,923)	(2,667)
Capital assets (net of accumulated depreciation)	-	-	-	-	-	-
Land & Improvements	-	-	-	-	1,348,100	1,348,100
Infrastructure	-	-	-	-	4,023,569	4,023,569
Other capital assets	-	-	-	-	1,508	1,508
Total assets	<u>\$ 7,674,436</u>	<u>\$ 1,049,434</u>	<u>\$ -</u>	<u>\$ 8,723,870</u>	<u>\$ 5,345,254</u>	<u>\$ 14,069,124</u>
LIABILITIES						
Accounts payable	\$ 673,152	\$ -	\$ -	\$ 673,152	\$ -	\$ 673,152
Payable from Restricted Assets-Deposits	322,107	-	-	322,107	-	322,107
Payable for water loop construction	-	-	-	-	-	-
Payroll tax liabilities	1,295	-	-	1,295	-	1,295
Accrued Expenses	169,599	-	-	169,599	-	169,599
Deferred revenues	-	499,996	-	499,996	-	499,996
Due to Other Funds	-	25,256	-	25,256	(27,923)	(2,667)
Long-term liabilities:	-	-	-	-	-	-
Due within one year	-	-	-	-	-	-
Due after one year	-	-	-	-	-	-
Total Liabilities	<u>1,166,153</u>	<u>525,252</u>	<u>-</u>	<u>1,691,405</u>	<u>(27,923)</u>	<u>1,663,482</u>
FUND BALANCES/NET ASSETS						
Fund balances:						
Reserved from Sale of Bonds	2,000	-	-	2,000	(2,000)	-
Reserved, reported in:						
Debt service funds	-	524,182	-	524,182	(524,182)	-
Capital projects funds	-	-	-	-	-	-
Unreserved (Note B)	6,506,283	-	-	6,506,283	(6,506,283)	-
Total fund balances	<u>6,508,283</u>	<u>524,182</u>	<u>-</u>	<u>7,032,465</u>	<u>(7,032,465)</u>	<u>-</u>
Total liabilities and fund balances	<u>\$ 7,674,436</u>	<u>\$ 1,049,434</u>	<u>\$ -</u>	<u>\$ 8,723,870</u>	<u>\$ -</u>	<u>\$ -</u>
Net assets:						
Invested in capital assets net of related debt						
Restricted for debt services					524,182	524,182
Restricted for capital projects					5,373,177	5,373,177
Unrestricted					6,508,283	6,508,283
Total net assets					<u>\$ 12,405,642</u>	<u>\$ 12,405,642</u>

ECTOR COUNTY UTILITY DISTRICT
COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES,
EXPENDITURES, AND CHANGES IN FUND BALANCES
YEAR ENDED SEPTEMBER 30, 2014

	General Fund	Debt Service Fund	Capital Projects Fund	Total	Adjustments (Note 9)	Statement of Activities
Revenues:						
Charges for water service	\$ 3,896,654	\$ -	\$ -	\$ 3,896,654	\$ -	\$ 3,896,654
Property taxes	-	488,309	-	488,309	-	488,309
Tap connection and inspection fees	(100,519)	-	-	(100,519)	-	(100,519)
Investments earnings (loss)	94,979	-	44	95,023	-	95,023
Penalties and Interest	-	23,454	-	23,454	-	23,454
Other	3,330	12,204	-	15,534	-	15,534
Total revenues	<u>3,894,444</u>	<u>523,967</u>	<u>44</u>	<u>4,418,455</u>	<u>-</u>	<u>4,418,455</u>
Expenditures/expenses:						
Service operations:						
Purchased water service	3,449,419	-	-	3,449,419	-	3,449,419
Salaries, benefits, payroll taxes & Contract Labor	38,558	-	-	38,558	-	38,558
Contracted services	134,440	6,218	-	140,658	-	140,658
Professional fees	14,968	-	-	14,968	(945)	14,023
Director fees	-	-	-	-	-	-
Other	97,066	30	-	97,096	-	97,096
Capital outlay	612,333	-	-	612,333	(612,333)	-
Debt service:				-		
Principal	-	-	-	-	-	-
Interest	-	-	-	-	-	-
Depreciation & Amortization	-	-	-	-	175,144	175,144
Total expenditures/expenses	<u>4,346,784</u>	<u>6,248</u>	<u>-</u>	<u>4,353,032</u>	<u>(438,134)</u>	<u>3,914,898</u>
Excess (deficiency) of revenues over expenditures	<u>(452,340)</u>	<u>517,719</u>	<u>44</u>	<u>65,423</u>	<u>438,134</u>	<u>503,557</u>
Other financing sources/(uses):						
Transfers-internal activities	<u>536,343</u>	<u>(288,577)</u>	<u>(247,766)</u>	<u>-</u>	<u>-</u>	<u>-</u>
Excess (deficiency) of revenues and transfer in over expenditures and transfers out	<u>84,003</u>	<u>229,142</u>	<u>(247,722)</u>	<u>65,423</u>	<u>438,134</u>	<u>503,557</u>
Change in net assets	<u>84,003</u>	<u>229,142</u>	<u>(247,722)</u>	<u>65,423</u>	<u>438,134</u>	<u>503,557</u>
Fund balance/net assets:						
Beginning of the year	<u>6,422,280</u>	<u>295,040</u>	<u>247,722</u>	<u>6,965,042</u>	<u>4,937,043</u>	<u>11,902,085</u>
End of the year	<u>\$ 6,506,283</u>	<u>\$ 524,182</u>	<u>\$ -</u>	<u>\$ 7,030,465</u>	<u>\$ 5,375,177</u>	<u>\$ 12,405,642</u>

See accompanying notes to financial statements.

**ECTOR COUNTY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 1: CREATION OF DISTRICT

Ector County Utility District (the District) was created by the petition signed by more than 200 persons owning property within the District, on July 12, 1976 under the authority of the Commissioners Court of Ector County, Texas. The District was created under the provisions of Article XVI, Section 59 of the Texas Constitution and operated under the statutory authority of Section 51 of the Texas Water Code until March 10, 1981. At that time, the District was changed to a Municipal Utility District operating under the statutory authority of Section 54.030 of the Texas Water Code. Bonds were issued in August of 1977, and construction of fixed assets began in September of 1977. Primary construction was completed in April of 1979.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The District's basic financial statements include the accounts of all the district's activities. The criteria for including activities within the District's reporting entity, as set forth in GASB Statement No. 14, "The Financial Reporting Entity"; primarily include the degree of oversight responsibility maintained by the Board of Directors. Examples of oversight responsibility include financial interdependency, selection of governing authority, designation of management's ability to significantly influence operations and accountability for fiscal matter. A minimum of two directors are elected every other year to serve a four-year term. This Board of Directors is the policy making and oversight body for the District.

Government Wide Financial Statements

The government-wide financial statements include the statement of net assets and the statement of activities. These statements report financial information for the District as a whole and reflect all the governmental funds maintained by the District. There are no separate fund financial statements.

Basis of Accounting

The financial statements of the District are prepared in accordance with generally accepted accounting principles (GAAP). The government-wide statements report uses the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property tax revenues are recognized in the year for which they are levied.

Basis of Presentation – Fund Accounting

The operations of the District are recorded in the following fund types and account groups:

Governmental Fund Types

- The General Fund accounts for financial resources in use for general types of operations. This is a budgeted fund, and any fund balances are considered as resources available for use.
- The Debt Service Fund accounts for the use of debt services taxes and other revenues collected for the purposes of retiring bond principal and paying interest due. This is a budgeted fund.
- The Capital Projects Fund accounts for proceeds from sales of bonds and other revenues to be used for authorized construction. This is a budgeted fund.

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Budget Basis of Accounting

The budget is presented on the accrual basis of accounting which is consistent with generally accepted accounting principles ("GAAP").

Investments

The District invests in authorized U.S. Government Securities, Money Market accounts, government agency securities, corporate bonds, and other securities. Investments are carried at fair value. Management's intent is to hold all investments to maturity.

Capital Assets

The District's land, improvements, and infrastructure with useful lives of more than one year are stated at historical cost and comprehensively reported in the government-wide financial statements. The District maintains infrastructure assets records consistent with all other capital assets. Donated assets are stated at fair value on the date donated. The District generally capitalizes assets purchased and construction outlays when they occur. The costs of normal maintenance and repairs that do not add to the asset value or materially extend useful lives are not capitalized. Capital assets are depreciated using the straight-line method. When capital assets are disposed, the cost and applicable accumulated depreciation are removed from the respective accounts, and the resulting gain or loss is recorded in operations.

Estimated useful lives, in years, for depreciable assets are as follows:

Building	40
Water Systems	50
Office Equipment	5

Other Capital Assets

The District capitalized and charged to organizational costs all costs incurred in the creation of the District. Additionally, the District capitalized during the construction period all costs incurred in the issue of sale of bonds, bond interest, attorney fees and certain administrative expenses. Interest income earned during the construction period on investment of unused funds was credited to organizational costs.

	<u>Total Interest Costs Incurred</u>	<u>Interest Revenue Used to Offset Interest Costs</u>	<u>Capitalized Interest</u>
General	\$500,000	\$7,000	\$493,000

These interest costs are being amortized on a straight line basis over the term of the Bonds which is 30 years. There is no material difference in comparison to the utilization of the effective interest method.

The organization costs of \$ 20,117 are being amortized over a 40 year period.

Net Assets

Net Assets represent the difference between assets and liabilities. Net assets invested in capital assets, net of related debt consists of capital assets, net of accumulated depreciation. Net assets are reported as restricted when there are limitations imposed on their use either through the enabling legislations adopted by the District or through external restrictions imposed by laws or regulations of other governments.

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 3: PLEDGE OF REVENUES

Under the provisions of the Water System and Refunding Bonds, series 1977, Section 7(a), the bonds are payable from the proceeds of an ad valorem tax levied upon all taxable property subject to taxation within the District, without limitation as to rate or amount, and are further payable from and secured by a lien on and pledge of the net revenues to be received from the operation of the District Waterworks. See Note 6 for debt service tax rate and the assessed values.

NOTE 4: CASH AND TEMPORARY INVESTMENTS

The District maintains and controls three cash operating accounts in the General Fund, Debt Service Fund & Capital Project Fund. In addition, certificates of deposits, governmental securities, mutual funds and governmental money market mutual funds are separately held and reflected in their respective fund.

All funds of the District are secured in the manner provided by law, and except for current requirements, shall be continually invested and re-invested in investment securities authorized in Chapter 51, Texas Water Code.

At September 30, 2014, cash and temporary investments totaled \$7,376,376 which included \$6,541,107 in governmental securities, corporate bonds, governmental agency funds, and other investments and \$835,269 in checking accounts. The various investment securities bear interest at various rates. The checking accounts bear interest at various rates from 0% to 0.2% at September 30, 2014.

The District's investment policy allows investments only in:

- (1) obligations of the United States and the State of Texas or its agencies in instrumentalities;
- (2) direct obligations of the State of Texas;
- (3) other obligations, the principal of and interest on which are unconditionally guaranteed or insured by the State of Texas or the United States or its agencies of instrumentalities;
- (4) obligations of the states, agencies, counties, cities, and other political subdivisions of any state having been rated at not less than an "A" by a nationally recognized rating firm;
- (5) certificates of deposit issued by state and national banks domiciled in Texas that are guaranteed or insured by the FDIC or secured by obligations described above;
- (6) other investments;

Deposits are invested at two financial institutions and are secured as follows:

	Fair Value	
	<u>Amount</u>	<u>Category</u>
Deposits insured by Federal Deposit Insurance Corporation	\$ 250,000	1
Deposits invested in various securities held at Raymond James	<u>\$7,126,376</u>	1
TOTAL	<u>\$ 7,376,376</u>	

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 4: CASH AND TEMPORARY INVESTMENTS (Continued)

Cash and Investments held at a financial institution can be categorized according to three levels of risk. These three levels of risk are:

- Category 1 Cash and Investments that are insured, registered or held by the entity or by its agent in the District name.
- Category 2 Investments that are uninsured and unregistered held by the counterparty's trust department or agent in the District name.
- Category 3 Uninsured and unregistered investments held by the counterparty, its trust or its agent, but not in the District name.

Based on these three levels of risk, all of the District's cash deposits and certificates of deposits are classified as Category 1 and the District's Investment in governmental securities, mutual funds and government money market funds are classified by risk level as Category 2.

NOTE 5: BONDED DEBT PAYABLE

The District issued bonds in 1977 and 1978 to finance the construction of the water system. These bonds bear interest at the following rates per annum:

District's \$4,860,000 Series 1977 Bonds - \$5,000 denominations

Bonds numbered 733 through 972, maturing in the
years 2003 through 2005 4.60%

Interest is payable semi-annually on August 1 and February 1 until the principal sum is paid in full.

The District reserves the right to redeem the unmatured bonds on the dates shown in the tables below by paying the following redemption prices, expressed as a percentage of par value, plus accrued interest:

<u>Series 1977 Redemption Dates</u>	<u>Redemption Price</u>
August 1, 1996 and thereafter	100%

If less than all of the bonds then outstanding are called for redemption, the bonds shall be called in inverse numerical order.

The general long-term debt as of September 30, 2014 follows:

<u>Obligation</u>	<u>Original Amount</u>	<u>Interest Rate</u>	<u>Balance Outstanding 10-1-13</u>	<u>Issued (Retired) During Year</u>	<u>Balance Outstanding 9-30-14</u>
1977 Series	\$4,860,000	4.60%	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 5: BONDED DEBT PAYABLE (Continued)

Maturities of bonded debt payable at September 30, 2014, are as follows:

Year ending September 30 2014	Principal	Interest	Total
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -

The Debt Service Fund is being managed and utilized according to the provisions of the bond resolutions. There are no escrowed or reserved amounts nor has there been any use of surplus or escrowed funds requiring Director's approval.

NOTE 6: LEVY OF AD VALOREM TAXES

Property tax is levied each October 1 on the assessed (appraised) value listed as of the prior January 1 for all real and business property located in the District. Taxable assessed value represents the appraisal value less exemptions authorized by the District. Appraised values are established by the Appraisal District at 100% for estimated fair market value.

Property taxes receivable are recorded in the Debt Service Fund fifteen days (taxpayer protest period) after the debt service budget is approved by the Board. Revenues are recognized for the budgeted year. At fiscal year end, the receivables represent current and delinquent taxes.

Taxes are due on October 1, the levy date, and are delinquent after the following January 31.

Property taxes are collected and remitted to the District by the Appraisal District. There is only one debt service tax assessment. There is no maintenance tax assessment. Effective July 1, 2014, the District levied an ad valorem tax of \$0.070147 per \$100 assessed valuation on all taxable property with appraised value of \$712,783,124 within the District. Major tax payments are received between October and February and are recognized as revenue for the related tax year. Property taxes become delinquent on February 1.

The fund balance in the Debt Service Fund has been designated to be used solely for payment of the interest on and principal of the Outstanding Bonds.

NOTE 7: WATER RATES

The District has established a water rate charge to its customers based upon rate charged by the City of Odessa (City) to its customers within the City limits. The rate the City charges the District for water purchased is based on the total number of customers within the District. Currently, the rate is 1.5 times the rate charged by the City to its customer within the City limits.

Actual water rates charged by the District to its customers are as follows:

First 2,000 gallons	\$15.18 (minimum)
Any additional gallons	4.41 per thousand

NOTE 8: CAPITAL ASSETS

The following table provides a summary of changes in capital asset.

	Balance September 30, 2013	Addition	Retirements	Balance September 30, 2014
Land & Improvement	\$ 35,656	\$ 612,333	\$ -	\$ 647,989
Water System	8,140,208		-	8,140,208
Engineering Costs	711,073	945	-	712,018
Office Equipment	9,536	-	-	9,536
	<u>\$ 8,896,473</u>	<u>\$ 613,278</u>	<u>\$ -</u>	<u>\$ 9,509,751</u>

**ECTOR COUNTYLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 8: CAPITAL ASSETS (CONTINUED)

The following table provides a summary of changes in the accumulated depreciation.

	Balance September 30, 2013	Expense	Retirements	Balance September 30, 2014
Land & Improvement	\$ 70	\$ 11,837	\$ -	\$ 11,907
Water System	3,953,835	162,804	-	4,116,639
Engineering Costs	-	-	-	-
Office Equipment	9,536	-	-	9,536
	<u>\$ 3,963,441</u>	<u>\$ 174,641</u>	<u>\$ -</u>	<u>\$ 4,138,082</u>

NOTE 9: GASB 34 IMPLEMENTATION

Effective October 1, 2003, Ector County Utility District, adopted GASB Statement No. 34, Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments. This pronouncement establishes standards for the form and content of the basic financial statements to be issued by all state and local governmental entities. As a result of the adoption of GASB No. 34, the following adjustments are reflected in the basic financial statements as follows:

COMBINED STATEMENT OF NET ASSETS AND GOVERNMENTAL FUNDS BALANCE SHEET

Fund balances - total government fund \$ 7,032,465

Amounts reported for governmental activities in the statement
of net assets are different because:

Capital assets used and governmental activities are not
financial resources therefore are not reported in the
governmental funds.

Governmental capital assets	9,509,751	
Less accumulated depreciation	(4,138,082)	5,371,669

Other assets used in governmental activities are not
financial resources and therefore are not reported in
the governmental funds.

Bond Costs	492,627	
Organizational Costs	20,117	
Less accumulated amortization	(511,236)	1,508

Long term liabilities, including bonds payable in the
current period and therefore are not reported in the
governmental funds.

Bonds payable		<u>-</u>
Net assets of governmental activities		<u>\$ 12,405,642</u>

**ECTOR COUNTLY UTILITY DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
YEAR ENDED SEPTEMBER 30, 2014**

NOTE 9: GASB 34 IMPLEMENTATION (Continued)

COMBINED STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES, EXPENDITURES AND CHANGES
IN FUND BALANCES

Net change in fund balances - total governmental funds	\$ 65,423
--	-----------

Amounts reported for governmental activities in the
statement of activities are different because:

Governmental funds report capital outlays as expenditures.
However, in the statements of activities, the cost of those
assets are depreciated over their estimated useful lives.

Expenditures for capital assets	613,278	
Less current year depreciation	(175,144)	438,134

Repayment of bond principal is an expenditure in the
governmental funds, but the repayment reduces long
term liabilities in the statement of net assets.

Principal payments	-
Changes in net assets of governmental activities	<u>\$ 503,557</u>

REQUIRED SUPPLEMENTARY INFORMATION

ECTOR COUNTY UTILITY DISTRICT
RSI – 1 BUDGETARY COMPARISON SCHEDULE – COMBINED VIEW WITH A NON-APPROPRIATED BUDGET
FOR THE YEAR ENDED SEPTEMBER 30, 2014

	Actual	Original Budget	Variance Positive (Negative)
Revenues:			
Charges for Water Service	\$ 3,896,654	\$ 3,900,000	\$ (3,346)
Tap connection and inspection fees		-	-
Property taxes	488,309	480,000	8,309
Penalties and interest	23,454	20,000	3,454
Investment earnings	95,023	90,000	5,023
Other	15,534	16,000	(466)
Total revenues	\$ 4,518,974	\$ 4,506,000	\$ 12,974
Expenditures/expenses:			
Service operations:			
Purchased water service	\$ 3,449,419	\$ 3,400,000	\$ (49,419)
Tap connection and inspection fees	\$ 100,519	\$ 110,000	9,481
Salaries, benefits, and payroll taxes	38,558	40,000	1,442
Contracted services	140,658	140,000	(658)
Professional fees	14,968	17,000	2,032
Other	97,096	100,000	2,904
			-
Debt Service			-
Principal and interest	\$ -	\$ -	\$ -
Other expenses	-	-	-
Capital outlay	612,333	630,000	17,667
Total expenditures/expenses	4,453,551	4,437,000	(16,551)
Excess (deficiency) of revenues over expenditures	65,423	69,000	(3,577)
			-
Other financing sources/uses:			-
Transfers - internal activities	-	-	-
Excess (deficiency) of revenues and transfers in over expenditures and transfers out	65,423	69,000	(3,577)
Fund balance:			
Beginning of the year	\$ 6,965,042	\$ 4,804,222	
End of the year	\$ 7,030,465	\$ 4,873,222	

TEXAS SUPPLEMENTARY INFORMATION

**ECTOR COUNTY UTILITY DISTRICT
SUPPLEMENTARY SCHEDULES INCLUDED WITHIN THIS REPORT
SEPTEMBER 30, 2014**

Notes Required by the Agency

The required information is included within the notes to the basic financial statements.

- TSI – 1 Service and Rates
- TSI – 2 Schedule of General Fund Expenditures
- TSI – 3 Schedule of Temporary Investments
- TSI – 4 Analysis of Taxes Levied and Receivable
- TSI – 5 Long-Term Debt Service Requirements – by Years
- TSI – 6 Changes in Long-Term Debt
- TSI – 7 Comparative Statement of Revenues and Expenditures – All Governmental Fund Types – Five Years
- TSI – 8 Board Members, Key Personnel and Consultants

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES
YEAR ENDED SEPTEMBER 30, 2014**

1. Services Provided by the District during the Fiscal Year:

<input checked="" type="checkbox"/> Retail Water	<input type="checkbox"/> Wholesale Water	<input type="checkbox"/> Drainage
<input type="checkbox"/> Retail Wastewater	<input type="checkbox"/> Wholesale Wastewater	<input type="checkbox"/> Irrigation
<input type="checkbox"/> Parks/Recreation	<input type="checkbox"/> Fire Protection	<input type="checkbox"/> Security
<input type="checkbox"/> Solid Waste/Garbage	<input type="checkbox"/> Flood Control	<input type="checkbox"/> Roads
<input type="checkbox"/> Participates in joint venture, regional system, and/or wastewater service (other than emergency interconnect)		
<input type="checkbox"/> Other (specify): _____		

2. Retail Service Providers

a. Retail Rates for a 5/8" meter (or equivalent):

	<u>Minimum Charge</u>	<u>Minimum Usage</u>	<u>Flat Rate Y/N</u>	<u>Rate per 1000 Gallon Over Minimum Use</u>	<u>Usage Level</u>
WATER:	\$ <u>15.18</u>	<u>2000 GALs</u>	<u>Y</u>	\$ <u>4.41</u>	<u>2001</u> to <u>++</u>
WASTE WATER:	\$ _____	_____	_____	\$ _____	_____ to _____
SURCHARGE:	\$ _____	_____	_____	\$ _____	_____ to _____

District employs winter averaging for wastewater usage? Yes ☐ No ☒

Total charges per 10,000 gallons usage: Water: \$ 50.46 Wastewater: \$ _____.

b. Water and Wastewater Retail Connections:

<u>Meter Size</u>	<u>Total Connections</u>	<u>Active Connections</u>	<u>ESFC Factor</u>	<u>Active</u>
Unmetered				
≤3/4"	<u>5,053</u>	<u>4,896</u>	x 1.0	<u>4,896</u>
1"	_____	_____	x 2.5	_____
1 1/2"	_____	_____	x 5.0	_____
2"	_____	_____	x 8.0	_____
3"	_____	_____	x 15.0	_____
4"	_____	_____	x 25.0	_____
6"	_____	_____	x 50.0	_____
8"	_____	_____	x 80.0	_____
10"	_____	_____	x 115.0	_____
Total Water	<u>5,053</u>	<u>4,896</u>		<u>4,896</u>
Total Wastewater	-	-	x 1.0	_____

**ECTOR COUNTY UTILITY DISTRICT
TSI – (1) SERVICES AND RATES (Continued)
YEAR ENDED SEPTEMBER 30, 2014**

3. Total Water Consumption during the Fiscal Year (rounded to the nearest thousand):

Gallons pumped into system: <u>419,468</u>	Water accountability Ratio: (Gallons billed/ Gallons pumped)
Gallons billed to customers: <u>419,468</u>	<u>1.0</u>

4. Standby Fees (authorized only under TWC Section 49.231):

Does the District have Debt Service standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

Does the District have Operation and Maintenance standby fees? Yes ☐ No ☒

If yes, Date of the most recent Commission Order: N/A

5. Location of District

County(ies) in which the District is located: Ector

Is the District located entirely within one county? Yes ☒ No ☐

Is the District located within a city? Entirely ☐ Partly ☒ Not at all ☐

City(ies) in which the District is located: Odessa

Is the District located within a city's extra territorial jurisdiction (ETJ)?
Entirely ☐ Partly ☒ Not at all ☐

ETJs in which the District is located: Ector County

Are board members appointed by an office outside the district? Yes ☐ No ☒

If yes, by whom? N/A

**ECTOR COUNTY UTILITY DISTRICT
TSI – (2) SCHEDULE OF GENERAL FUND EXPENDITURES
FOR THE YEAR ENDED SEPTEMBER 30, 2014**

Personnel Expenditures (including benefits)*	\$ 38,558
Professional Fees:	
Auditing	9,000
Legal	5,023
Engineering	945
Financial Advisor	-
Purchased Services For Resale	
Bulk Water and Wastewater Service Purchases	3,449,419
Tap collection and inspection fees	144,603
Contracted Services:	
Bookkeeping	-
General Manager	-
Appraisal District	
Tax Collector	-
Other Contracted Services	182,375
Utilities + Rent	39,281
Repairs and Maintenance	-
Administrative Expenditures:	
Directors Fees	-
Office Supplies	6,070
Insurance	2,732
Other Administrative Expenditures	1,048
Capital Outlay:	
Capitalized Assets	612,333
Expenditures not Capitalized	
Tap Connection Expenditures	-
Solid Waste Disposal	-
Fire Fighting	-
Parks and Recreation	-
Other Expenditures	-
TOTAL EXPENDITURES	\$ 4,491,387

*Number of persons employed by the District: 1 Full-Time ____ Part-Time

ECTOR COUNTY UTILITY DISTRICT
TSI – (3) SCHEDULE OF TEMPORARY INVESTMENTS
SEPTEMBER 30, 2014

<u>Funds</u>	<u>Indentification or Certificate Number</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Balance at End of Year</u>	<u>Accrued Interest Receivable at End of Year</u>
<u>General Funds</u>					
Raymond James Government Secrities	78758222	1.25%-5.50%	Various	\$ 6,541,106	\$ 12,036
Total				<u>\$ 6,541,106</u>	<u>\$ 12,036</u>
<u>Debt Service Fund</u>					
Total				<u>\$ -</u>	<u>\$ -</u>
Total - All Funds				<u>\$ 6,541,106</u>	<u>\$ 12,036</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (4) ANALYSIS OF TAXES LEVIED AND RECEIVABLE
YEAR ENDED SEPTEMBER 30, 2014

	Maintenance Taxes	Service Taxes	District Taxes
Taxes Receivable, Beginning of Year	\$ -	\$ 636,466	\$ -
2014 Original Tax Levy (less abatements)	-	499,996	-
Total to be accounted for	-	1,136,462	-
Tax Collections:			
Current year	-	-	-
Prior years	-	499,356	-
Total Tax Collections	-	499,356	-
Taxes Receivable, End of Year	-	637,106	-
Taxes Receivable , By Years			
2013 and Prior Years	-	137,109	-
2014	-	499,996	-
Taxes Receivable, End of Year	\$ -	\$ 637,105	\$ -

	2014	2013	2012	2011
Property Valuations:				
Land	\$ 88,645,127	\$ 76,190,096	\$ 55,024,903	\$ 51,723,160
Improvements	477,924,790	430,330,156	367,655,559	327,634,067
Personal Property	146,213,207	115,761,286	86,606,407	99,180,152
Total Property Valuations	\$ 712,783,124	\$ 622,281,538	\$ 509,286,869	\$ 478,537,379
Tax Rates Per \$100 Valuation:				
Debt service tax rates	\$0.070147	\$0.080349	\$0.098150	\$0.098196
Total Tax Rates per \$100 Valuations	\$0.070147	\$0.080349	\$0.098150	\$0.098196
Original Tax Levy:	\$ 499,996	\$ 499,997	\$ 499,890	\$ 469,931
Percent of Taxes Collected to Taxes Levied	97.66%	100.52%	95.03%	98.87%

ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2014

DUE DURING FISCAL YEAR ENDING	Series 1977		
	Principal Due 08/01	Interest Due 02/01,08/01	Total
2014	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (5) GENRAL LONG-TERM SERVICE REQUIREMENTS – BY YEARS
SEPTEMBER 30, 2014

DUE DURING FISCAL YEAR ENDING	Series 1978		
	Principal Due 08/01	Interest Due 02/01,08/01	Total
2014	\$ -	\$ -	\$ -
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

ECTOR COUNTY UTILITY DISTRICT
TSI – (6) ANALYSIS OF CHANGES IN LONG-TERM BONDED DEBT
FOR FISCAL YEAR ENDED SEPTEMBER 30, 2014

	Bond Issues		
	Series 1977	Series 1978	Total
Interest Rate	4.60% to 6.00%		
Dates Interest Payable	02-01 and 08-01		
Maturity Dates	08/01/06		
Beginning Bonds Outstanding	\$ -	\$ -	\$ -
Bonds Sold During the Fiscal Year	\$ -	\$ -	\$ -
Bond Retired During the Fiscal Year	\$ -	\$ -	\$ -
Ending Bonds Outstanding	\$ -	\$ -	\$ -
Interest Paid During the Fiscal Year	\$ -	\$ -	\$ -
Paying Agent's Name and City			
Series 1977:	J.P. Morgan Chance Bank, Dallas, TX		
Series 1978:	J.P. Morgan Chance Bank, Dallas, TX		
Bond Authority:	Tax Bonds	Other Bonds	Refunding Bonds
Amount Authorized by Voters	\$ 5,950,000	\$ -	\$ -
Amount Issued	\$ 5,560,000	\$ -	\$ -
Remaining To Be Issued	\$ 390,000	\$ -	\$ -
Debt Service Fund cash and temporary investments balances as of September 30, 2014:			\$ 402,022
Average annual debt service payment (Principal and Interest) for remaining term of all debt:			\$ -

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2014

GENERAL FUND	AMOUNTS				
	2014	2013	2012	2011	2010
REVENUES:					
Water Service	\$3,896,654	\$3,687,972	\$2,639,385	\$2,777,389	\$2,528,947
Tap connection fees				0	4,018
Investment earnings (loss)	94,979	(17,526)	169,409	162,296	67,124
Others	3,330	5,228	1,859	1,337	0
TOTAL REVENUES	\$3,994,963	\$3,675,674	\$2,810,653	\$2,941,022	\$2,600,089
EXPENDITURES:					
Purchased water services	3,449,419	3,279,390	2,259,528	2,359,349	2,106,991
Purchased taps exceed tap collection	100,519	18,645	17,275	13,069	0
Professional fees	14,968	17,120	12,735	26,892	111,089
Contracted services	134,440	131,339	94,287	106,452	93,140
Payroll	38,558	47,526	35,950	43,108	65,753
Utilities	39,281	30,404	22,475	22,049	23,849
Repairs and maintenance	-	-	-	0	0
Other Expenditures	57,785	54,334	56,934	23,287	8,771
Capital Outlay	612,333	3,500	243,237	489,050	0
TOTAL EXPENDITURES	4,447,303	3,582,258	2,742,421	3,083,256	2,409,593
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(\$452,340)	\$93,416	\$68,232	(\$142,234)	\$190,496

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
GENERAL FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2014

GENERAL FUND	PERCENT OF FUND TOTAL REVENUE				
	2014	2013	2012	2011	2010
REVENUES:					
Water Service	98%	100%	94%	95%	98%
Tap connection fees	0%	0%	0%	0%	0%
Investment earnings	2%	0%	6%	5%	2%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Purchased water services	86%	89%	80%	81%	81%
Purchased taps exceed tap collection	3%	1%	1%	0%	0%
Professional fees	0%	0%	0%	1%	4%
Contracted services	3%	4%	3%	4%	4%
Payroll	1%	1%	1%	1%	3%
Utilities	1%	1%	1%	0%	1%
Other Expenditures	1%	1%	2%	1%	0%
Capital Outlay	15%	0%	9%	17%	0%
TOTAL EXPENDITURES	111%	97%	98%	104%	93%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	-11%	3%	2%	-4%	7%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2014

	AMOUNTS				
DEBT SERVICE FUND	2014	2013	2012	2011	2010
REVENUES:					
Property Taxes	\$488,309	\$487,500	\$451,228	\$453,750	\$415,423
Penalty and interest	23,454	21,409	21,967	24,597	21,962
Investment earnings	-	-	-	(6,662)	86,916
Other	12,204	-	-	-	-
TOTAL REVENUES	\$523,967	\$508,909	\$473,195	\$471,685	\$524,301
EXPENDITURES:					
Tax Collection Services	6,218	7,840	4,545	5,743	4,497
Other Expenditures	30	(11,288)	(10,651)	11,610	(10,152)
Debt service, interest and fees	-	-	-	-	-
TOTAL EXPENDITURES	6,248	(3,448)	(6,106)	17,353	(5,655)
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$517,719	\$512,357	\$479,301	\$454,332	\$529,956
TOTAL ACTIVE RETAIL WATER CONNECTIONS	5,053	4,687	4,541	4,295	4,120

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
DEBT SERVICE FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2014

	PERCENT OF FUND TOTAL REVENUE				
	2014	2013	2012	2011	2010
DEBT SERVICE FUND:					
REVENUES:					
Property taxes	94%	96%	95%	96%	79%
Penalty and interest	4%	4%	5%	5%	4%
Investment earnings	0%	0%	0%	-1%	17%
Other	2%	0%	0%	0%	0%
TOTAL REVENUES	100%	100%	100%	100%	100%
EXPENDITURES:					
Tax Collection Services	1%	2%	1%	1%	1%
Other Expenditures	0%	-2%	-2%	3%	-2%
Debt service, interest and fees	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	1%	-1%	-1%	4%	-1%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	99%	101%	101%	96%	101%

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2014

CAPITAL PROJECT FUND	AMOUNTS				
	2014	2013	2012	2011	2010
REVENUES:					
	\$0	\$0	\$0	\$0	\$0
	-	-	-	-	-
Investment earnings	44	218	250	1,230	-
TOTAL REVENUES	\$44	\$218	\$250	\$1,230	\$0
EXPENDITURES:					
Capital Outlay				21,303	-
Other Expenditures	-	-	166	589	-
	-	-	-	-	-
TOTAL EXPENDITURES	-	-	166	21,892	-
EXCESS REVENUES OVER (UNDER) EXPENDITURES	\$44	\$218	\$84	(\$20,662)	\$0

ECTOR COUNTY UTILITY DISTRICT
TSI – (7) COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES (Continued)
CAPITAL PROJECT FUND – FIVE YEARS ENDED
SEPTEMBER 30, 2014

	PERCENT OF FUND TOTAL REVENUE				
	2014	2013	2012	2011	2010
CAPITAL PROJECT FUND:					
REVENUES:					
	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%
Investment earnings	100%	100%	100%	100%	0%
TOTAL REVENUES	100%	100%	100%	100%	0%
EXPENDITURES:					
Capital Outlay	0%	0%	0%	1732%	0%
Other Expenditures	0%	0%	66%	48%	0%
	0%	0%	0%	0%	0%
TOTAL EXPENDITURES	0%	0%	66%	1780%	0%
EXCESS REVENUES OVER (UNDER) EXPENDITURES	100%	100%	34%	-1680%	0%

**ECTOR COUNTY UTILITY DISTRICT
TSI - (8) BOARD MEMBER, KEY PERSONNEL AND CONSULTANTS
SEPTEMBER 30, 2014**

Complete District Mailing Address: P.O. Box 69807, Odessa, Texas 79769

District Business Telephone Number: (432) 381-5525

Submission Date of the most recent District Registration Form
(TWC Sections 36.054 and 49.054): _____

Limit on Fees of Office that a Director may receive during a fiscal year: \$ 0.00
(Set by Board Resolution – TWC Section 49.060)

<u>Names</u>	<u>Term of Office (Elected of Appointed) or Date Hired</u>	<u>Fees of Officers Paid* 9/30/14</u>	<u>Expense Reimburse- ments 9/30/14</u>	<u>Title at Year End</u>
Board Members:				
C. Ray Owsley	(Elected) 5-6-12/5-6-16	None	None	President
Terry Swann	(Appointed) 7-21-14/7-21-16	None	None	Asst. Sec. & Vice Pres.
Tommy Ervin	(Appointed) 5-6-12/5-6-16	None	None	Asst. Sec. & Vice Pres.
Cruz Castillo	(Appointed) 5-17-10/9-17-16	None	None	Asst. Sec. & & Vice Pres.
Margaret Burton	(Appointed) 9-11-13/9-11-16	None	None	Asst. Sec. & & Vice Pres.
Key Administrative Personnel:				
Amy Chavez	7-1-10	\$ 38,558	\$ -	Manager
Consultants:				
Ector County Appraisal District	7-01-05	\$ 6,218	\$ -	Appraiser/ Tax Collector
Joe L. Torres, P.C.	9-01-96	\$ 9,000	\$ -	Independent Auditor

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Our discussion and analysis of the Ector County Utility District (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended September 30, 2018. The District's financial performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

OVERVIEW OF THE FINANCIAL STATEMENTS

Management's Discussion and Analysis introduces the District's basic financial statements. The basic financial statements include the government – wide financial statements and notes to the financial statements. The District also includes in this report additional information to supplement the basic financial statements.

FINANCIAL HIGHLIGHTS

- The District's net assets increased by \$332,208 which represents a 2% increase from 2017.
- The District's Revenues amounted to \$5.5 million or 100.0 percent of total revenues. Water service revenue provided to residents in the District accounted for \$4.7 million or 86.2 percent of all revenues.
- The District expended \$0 on infrastructure capital assets during the current year.
- The District had \$4.3 million in expenses related to the delivery of water service to its residents.
- The District's outstanding '77 Bond Series was paid off in '05.

FINANCIAL ANALYSIS OF THE WATER DISTRICT AS A WHOLE

The District's annual report includes two government-wide financial statements. These statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Assets and the Statement of Activities

Our analysis of the District as a whole begins on page 10. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse as a result of the year's activities?" The Statement of Net Assets and The Statement of Activities report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to accounting used by most private-sector companies. Accrual of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net assets and changes in them. You can think of the District's net assets, the difference between assets, what the District owns, and liabilities, what the District owes, as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net assets are one indicator of the whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the District's jurisdiction, the availability of capital projects, and continuing local government support to assess the overall health of the District.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Reporting the District's most Significant Funds

The Board of Directors has determined that all of its funds are considered major. The District only has governmental funds.

Major Fund
- General

Governmental Funds: The District's services are reported in governmental fund, which focus on how money flows into and out of the fund and the balance left at year-end that are available for spending. The fund is reported using an accounting method called accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's programs.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the governmental-wide. The notes to the financial statements can be found on pages 10 through 16 of this report.

Other information: In addition to the basic financial statements and accompanying notes, this report also presents schedules which can be found on pages 21 through 31 of this report.

THE DISTRICT AS A WHOLE

The District's total net assets changed from a year ago increasing from \$14.12 million to \$ 14.45 million. Our analysis below focuses on the net assets (Table 1) and changes in net assets (Table 2) of the District's Government activities.

**Table 1
Net Assets (in millions)**

	2018	2017
Cash and investments	\$ 7.39	\$ 6.92
Receivables	1.84	1.65
Other Assets	-	-
Capital assets, net of accumulated depreciation	6.77	6.99
Total Assets	16.00	15.56
Long Term Obligations	\$ -	\$ -
Other Liabilities	1.54	1.44
Total Liabilities	1.54	1.44
Net assets:		
Invested in Capital assets, net of related debt	\$ 6.83	\$ 7.04
Restricted	1.04	0.40
Unrestricted	6.58	6.68
Total Net Assets	\$ 14.45	\$ 14.12

Net Assets of the District's activities increased 2.3 percent or 0.33 million. The increase in restricted Net Assets of \$0.64 million is attributed to the tax revenue of 0.75 million in 2018 and capital project expenditure of 0.10 million. Unrestricted net assets – the part of net assets that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements – decreased by \$0.10 million.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Table 2 compares the 2018 change in net assets to the 2017 change in net assets.

**Table 2
Changes in Net Assets for 2018
Compared with 2017 activity
(in millions)**

	2018	2017	Change
General Revenues:			
Water Service	\$ 4.72	\$ 4.23	\$ 0.49
Property Taxes	0.68	0.65	0.03
Other Revenues	0.07	0.24	(0.17)
Total Revenues	<u>\$ 5.47</u>	<u>\$ 5.12</u>	<u>\$ 0.35</u>
General Expenses			
Water Services	\$ 4.30	\$ 3.95	\$ 0.35
Other Expenses	0.84	0.63	0.21
	<u>\$ 5.14</u>	<u>\$ 4.58</u>	<u>\$ 0.56</u>
Increase in Net Assets	<u>\$ 0.33</u>	<u>\$ 0.54</u>	<u>\$ (0.21)</u>

The major increase in General Revenues is derived from the higher volumes in water being served by the District. The major increase in General Expenses is the result of high volumes in water being served by the District.

Financial Analysis of Government Funds

The District's basic financial statements already reflect the major government funds. There are no separate fund financial statements.

Table 3 presents the fund balances of the General Fund and an analysis of significant changes in the fund balances.

**Table 3
Changes in Year End Fund Balance
(in millions)**

	2018	2017	% Change
General	\$ 0.33	\$ 0.54	-38.89%
Total Governmental Balances	<u>\$ 0.33</u>	<u>\$ 0.54</u>	<u>-38.89%</u>

The 4.66% (or 0.33 million) increase in the general fund can be mainly attributed to the water service revenue and property tax revenue.

**ECTOR COUNTY UTILITY DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued)
FOR THE YEAR ENDED SEPTEMBER 30, 2018**

Capital Assets and Debt Administration

Capital Assets

At year-end, the District had \$6.77 million in capital assets. This amount represents a net decrease (including additions and deletions) of \$0.22 million, or 3.2 %, over the last year. Depreciation recorded in fiscal 2018 was \$226,128.

Debt Administration

At year-end, the District had \$0 in outstanding bonds payable versus \$0 last year, representing no change. The fiscal year 2018 interest rate was 0%. For a breakdown of the interest payment schedule refer to Note 5 of the basic financial statements. There has been no change in credit ratings of the District, and there are no debt limitations affecting the District's financing of planned facilities or services.

The Budget, Economic Environment and Rates

The District has operated solely in West Ector County since its 1976 formation. The District is currently looking at opportunities for expanding to other parts of West Odessa (Ector County).

The Economic factors impacting the District's budget include real estate development, federal grants, and the oil and gas industry. As noted in the schedule TSI – (4), Analysis of Taxes Levied, the property values have continued to increase. This is a result of some areas within the District being developed. Part of the development that has occurred in the District is a result of the County receiving federal grants to help provide water service.

The District is situated in a predominantly oil and gas based economy. As prices for oil continue to increase, the property values experience similar increases. Therefore, the District will follow the trend of the economics of mineral interests. This factor alone represents the major favorable increase in property tax revenues.

It is important that the District is able to succeed in the development of these projects not only for Ector County and its residents but also for the longevity of the District. The District has no continued revenue source except an administration fee charged on the water service it provides to its customers. With additional construction projects for more customers in Ector County, the District will be able to survive and continue to provide the residents of West Odessa with an easier way to get water service.

InterimFinancialInformation N/A

Outstanding Debt

Yes, General obligation debt: N

Yes, Revenue debt: N

Yes, Authorized but unissued debt: N

No: Y

Applicant's Ten Largest Employers

Ector County ISD: 250

Select Energy Services: 225

Express Energy Services: 209

SPN Well Service / Mercer: 100

Lowe's / Ace: 83

Key Energy Services: 73

Schlumberger: 50

Tripp Construction: 42

MCH Family Health & Urgent Care: 40

Dollar General: 37

Ten Largest Employers Comments:

Bond Ratings

Bond Ratings

Type	Standard & Poors	Date Received	Fitch	Date Received	Moody's	Date Received
G.O.						
Revenue						

Bond Rating N/A: Y

Receive Water or Sewer

Is the project intended to allow the applicant to provide or receive water or sewer services to or from another entity?: Y

**THE STATE OF TEXAS §
 §
COUNTY OF ECTOR §**

EXTENSION OF WATER SUPPLY CONTRACT

RECITALS

WHEREAS, the City of Odessa ("CITY") and the Ector County Utility District ("DISTRICT") first entered into a water supply contract in 1976 whereby the DISTRICT would construct a transmission and water distribution system in Ector County, Texas and CITY would provide and deliver potable water to DISTRICT and such contract is still active and in force on a month-to-month basis subject to cancellation on ninety (90) days written notice; and

WHEREAS, the CITY first delivered water to DISTRICT for resale to its customers on or about July 31, 1978; and

WHEREAS, the DISTRICT and the CITY entered into that certain Water Supply Contract dated March 9, 2010 ("the 2010 Contract"), subsequent to the original contract in order to renew the terms and conditions for the CITY'S supply of water to the DISTRICT until September 30, 2014; and

WHEREAS, the DISTRICT desires to continue to purchase a supply of water from the CITY for the purpose of resale to its customers; and

WHEREAS, the CITY is agreeable to furnishing water to the DISTRICT under the following terms and conditions; and

WHEREAS, the CITY and the DISTRICT are authorized to enter into this Extension of Water Supply Contract ("this Contract"); and

WHEREAS, the CITY has sold and delivered to the DISTRICT all the treated potable water the DISTRICT has needed since the date of first deliveries; and

WHEREAS, the CITY has been operating and maintaining the DISTRICT'S water distribution system since it was built and has maintained the DISTRICT'S lines and meters to the same standards and conditions that it has maintained the CITY'S lines and meters inside the CITY; and

WHEREAS, the DISTRICT has no alternate source of potable water and depends on CITY for the future water supply of its customers; and

WHEREAS, the CITY presently has sufficient quantities of water for the needs of the CITY'S and the DISTRICT'S customers;

WHEREAS, the goal of DISTRICT and CITY is that DISTRICT is the independent Operator of the DISTRICT'S water system within five (5) years from the execution of this Extension of Water Supply Contract; and.

WHEREAS, DISTRICT has taken steps to reach the goal that DISTRICT is the independent Operator of the water system that includes building a stand-alone building to house the administrative personnel , equipment and equipment yard necessary to the operation of DISTRICT; and

WHEREAS, DISTRICT has given notice to its customers of its intent to become the independent Operator of the water system by advertising DISTRICT'S plan to extend this Contract and become the independent Operator of the water system through notices in customer's water bills and public service announcements;

WHEREAS, the DISTRICT wishes to extend the terms of said the 2010 Contract by an additional five (5) year period,

WHEREAS, this amendment is for the purpose of extending the term of the 2010 Contract by providing the five (5) year extension, which is the subject of this Contract;

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained, the City of Odessa, a home rule municipal corporation located in Ector County, Texas, agrees to sell and Ector County Utility District, a water control and improvement district organized under the provisions of Chapter 54, Texas Water Code and Article XVI, Section 59, Texas Constitution, agrees to buy all of its water requirements from the CITY subject to the terms and conditions and for the consideration hereinafter set forth and the wholesale water supply contract between the seller and buyer is set forth in its entirety as follows, to wit:

ARTICLE I

WHOLESALE WATER CONDITIONS

1.1 Subject to the provisions of this Contract, CITY agrees to sell and deliver to DISTRICT, and DISTRICT agrees to purchase and take, at the delivery points hereinafter specified, and under the conditions and limitations hereinafter set forth, a supply of treated potable water required by DISTRICT during the period of this Contract for its own use and for distribution to all of the customers served by the DISTRICT.

ARTICLE II

POINTS OF DELIVERY AND PRESSURE

2.1 CITY requires, and DISTRICT agrees, that water to be delivered shall be at points as follows:

- (a) At the end of the existing 24-inch water main located along and within 42nd Street (State Highway 191) near State Highway 302
- (b) At the end of the existing 12-inch water main located near West 10th Street and West Loop 338.
- (c) At other points that may be added from time to time by mutual agreement of the CITY and the DISTRICT.
- (d) CITY strongly recommends the installation of a secondary feed at a location which will provide water delivery into DISTRICT that is equivalent to the 42nd Street delivery

point as determined by the DISTRICT'S registered professional engineer. Failure to install the secondary feed may result in claims for damages arising from any possible cross-connection and/or contamination which could occur if the 24-inch water main located along and within 42nd Street (State Highway 191) is no longer operable. It will be DISTRICT'S responsibility to handle complaints or actions required to bring DISTRICT'S system back to TCEQ standards after failure of the 42nd Street line without additional compensation.

2.2 Water shall be delivered to the DISTRICT by the CITY at pressures which will be sufficient to permit the water to enter the DISTRICT'S facilities and meet state standards at the delivery points. It is expressly understood that CITY does not guarantee the ability to furnish water to the delivery points at any particular pressure above that required by the State. Pressures within the DISTRICT'S distribution system are not guaranteed by the CITY.

2.3 DISTRICT will continue to work with CITY to develop a Water System Master Plan. Such Water System Master Plan shall include provisions for the DISTRICT'S ability to maintain sufficient water pressure to serve DISTRICT for a period of three (3) consecutive days. Such Water System Master Plan shall be developed by a well-qualified, licensed engineering firm with substantial experience in the State of Texas. Such Water System Master Plan shall include a timeline with details sufficient to illustrate the process of DISTRICT obtaining operational self-sufficiency, including but not limited to plans for the development of management structure, policies and procedures, staffing, and operation and maintenance of equipment for DISTRICT.

2.4 Before the termination of this Contract, DISTRICT will begin construction of a water storage and/or pressurization facilities that meet DISTRICT'S pumping and storage requirements for the amount of water required by DISTRICT'S customers.

ARTICLE III

QUALITY

3.1 The water supplied to DISTRICT by CITY under this Contract shall be treated in the same manner as all other water processed and distributed by CITY for its customers inside CITY'S limits and will meet all federal and state Primary Drinking Water Standards at the points of delivery. Based on prior usage, the DISTRICT has satisfied itself that such water will be suitable for its customers' needs. CITY shall not be responsible or liable for contamination of the water supplied under this Contract after it passes through the herein mentioned points of delivery.

3.2 CITY shall provide DISTRICT with water quality documentation information for treated water provided under this Contract sufficient for the DISTRICT to prepare all required regulatory reports including consumer confidence report as required under Title 30 TAC, Chapter 290.

ARTICLE IV

QUANTITY

4.1 At this time, neither party to this Contract is in position to accurately determine the maximum or minimum amount of water which may be required by the DISTRICT for any day during the term of

this Contract without referring to historical delivery information. Subject to the hereinafter set forth limitations and conditions, CITY will use its best efforts to remain in position to furnish water sufficient for the reasonable demands of DISTRICT, but its obligation shall be limited to the amount of water available in excess of that deemed necessary by the CITY to serve the municipal needs, mandated State or Federal regulatory requirements, and the usage needs of the customers located within the corporate limits of the City of Odessa, including reserve supply needs for fire protection. CITY shall furnish treated water within the DISTRICT'S current or approved boundaries.

4.2 The maximum amount of water the CITY shall be obligated to supply DISTRICT shall be established as needed, subject to limitations in the CITY'S supply, treatment and/or water transmission facilities. CITY shall not be responsible for providing a reserve water supply for DISTRICT'S fire protection. DISTRICT must provide 90 days notification of plans to expand its boundaries, regardless of the size of the expansion, or plans to add industrial water accounts so that the CITY can determine if it can meet the additional water requests of the DISTRICT. DISTRICT must have a registered engineer certify that DISTRICT'S system can provide service meeting state requirements (e.g. minimum pressure) to areas where expanded service is requested. This certification must be provided to CITY. DISTRICT shall not annex or add to the territory included within its boundaries any land without the written consent of CITY. However, DISTRICT may annex a single lot into its boundaries with the City Manager's approval, pursuant to Resolution No. 2005R-85. Said single lot must meet the requirements of Resolution No. 2005R-85, which is that the lot must be located adjacent to and within 100 feet of an existing serviceable line (which shall be determined solely by the City Engineer), and an acceptable use to CITY must be demonstrated. After DISTRICT'S distribution and/or transmission system has been modified, a copy of the plans and specifications and GIS coordinates of lines and appurtenances shall be furnished to the CITY in a timely manner.

4.3 It is expressly understood that CITY does not guarantee the ability to furnish water at any particular flow rate, but rather the rate of flow delivered will be such rate as CITY'S system will render at the points of delivery.

4.4 CITY agrees to take all responsible and practical actions necessary to provide treated water to DISTRICT as outlined by this Contract, however:

- (a) CITY shall be authorized to reduce the amount of treated water provided to the DISTRICT'S customers if: (1) CITY is required by law to reduce the amount of treated water to DISTRICT; (2) an act constituting force majeure prevents CITY from providing treated water to DISTRICT in accordance with the contract; (3) DISTRICT does not pay for water received from CITY or (4) CITY rations or restricts water to its retail customers, in which case DISTRICT shall either restrict and enforce the same or more stringent restrictions on its customers or cease taking CITY water at the DISTRICT'S option. CITY may require verification that the DISTRICT is enforcing the restrictions on its customers. If DISTRICT fails to adequately enforce the restrictions, DISTRICT shall bear the responsibility of water shortages to its customers.
- (b) In the event CITY is required to reduce the amount of treated water delivered to DISTRICT'S customers under this Contract, CITY agrees to: (1) give DISTRICT the maximum possible written notice of planned reductions. Reductions caused by emergencies shall only require telephone notification; (2) provide DISTRICT a written explanation of the terms of the reduction; (3) provide DISTRICT a written explanation indicating under what circumstances CITY will be able to begin providing water as outlined by this Contract. Telephone notification will be provided to the President of the DISTRICT, or his designee, in emergency

situations. DISTRICT will be responsible for keeping CITY updated with the correct name and phone number of the President or his designee.

4.5 In the event that CITY revises its water conservation and drought contingency ordinance, within sixty (60) days after the ordinance becomes effective, DISTRICT shall submit updated water conservation, drought contingency and implementation plans to the CITY that are consistent with the CITY'S revised water conservation and drought contingency ordinance. If DISTRICT'S water conservation, drought contingency or implementation plans do not meet with CITY'S approval, CITY shall send DISTRICT notice of such and allow DISTRICT thirty (30) days to revise its plan to meet CITY'S approval. DISTRICT shall have thirty (30) days after CITY approval of the Plans to adopt the Plans.

ARTICLE V

METERING FACILITIES

5.1 A meter meeting American Water Works Association ("AWWA") standards, along with necessary appurtenances (e.g. bypass, test facilities, flow controller) shall be installed when such meter can be installed without undue disruption of service. The expense for the cost and the installation of a meter meeting AWWA standards with its appurtenances will be equally shared by DISTRICT and CITY. Initially, CITY will fund the expense and cost of installation; however, DISTRICT will reimburse CITY for its share, thirty-five percent (35%), to be paid within 30 days of invoice. DISTRICT will provide to the CITY, at the time of delivery, the funding necessary for installment and meter deployment of DISTRICT'S Advanced Metering Infrastructure ("AMI") (expected to cost approximately \$1,500,000.00). DISTRICT and CITY agree that CITY will install small meters and gateway collectors and DISTRICT will provide funding for installation and for fees for radio and cellular signals, annual maintenance for software, and CITY'S billing and collection expenses. CITY will verify correct operation and maintenance of the meter under the manufacturer's specifications, including test frequency at least once annually.

5.2 Properly authorized representatives of the CITY and DISTRICT shall have free access to the metering equipment and all other facilities herein provided for the purposes of shutting off water, for failure to pay the water rates, or for other conditions that justify termination of service pursuant to this Contract, and for the purpose of reading, examination, and testing of the meters to ascertain whether or not they are in good condition and to make required repairs as needed.

5.3 After the CITY installs the aforementioned AMI and appurtenances at the 42nd Street delivery point where water is anticipated to be delivered. The CITY will own, operate and maintain such metering equipment and facilities. These meters will be annually tested in accordance with applicable AWWA standards at the CITY'S expense.

5.4 The main south feed into the DISTRICT will be closed except in emergency situations. Both CITY and DISTRICT agree that this meter will not be replaced or tested. If the south feed is used in an emergency, water usage will be estimated based on the reading of the existing south meter and other criteria as defined in Section 6.4. There is a second south feed that is tied into CITY'S system ahead of the meter. Should DISTRICT need to receive water through the secondary south feed, DISTRICT shall pay for installation of a meter, the check valve and all required appurtenances.

5.5 CITY will provide DISTRICT with 48 hour notice of the testing of metering equipment at all delivery points. Additional testing may be requested by either party. The cost of such testing shall be paid by the CITY if the test equipment does not meet manufacturer or AWWA standards, as applicable. If the metering equipment does meet the appropriate standard, the DISTRICT will pay for the testing only when it requests a meter test.

ARTICLE VI

MEASUREMENT STANDARDS

6.1 The unit of measurement for water delivered hereunder will be one thousand (1,000) gallons of water, U.S. Standard Liquid Measure. All measurements of water will be determined by calculation into terms of such unit. All quantities given herein, unless otherwise expressly stated, are in terms of such unit.

6.2 DISTRICT may install, maintain and operate such check measurement equipment at each active delivery point as it may desire, but same will not interfere in any way with the operation of CITY'S measurement equipment hereunder. Should DISTRICT decide to install a check meter, DISTRICT agrees to install the check meter at its own expense.

6.3 If, upon any test of all metering equipment, the average accuracy determined for all meter test ranges is found to be within the actual percentage established by the meter manufacturer, readings of such equipment will be considered correct in computing the deliveries of water hereunder. If, upon any test of the metering equipment, the overall accuracy determined for all meter test ranges (e.g. low, intermediate, and high) is found to be outside the actual percentage established by the meter manufacturer, any previous billing will be corrected to within the final average accuracy established at the last test of the meter. In the event no accuracy percentage is established by the meter manufacturer, the range shall be within 95 to 105 percent. The time period for the billing correction will be the time period the meter was known to be outside the above established meter accuracies, or in the case the period is not definitely known or agreed upon, such correction will be for a period covering one-half of the time elapsed since the last test. In addition, the meter will be repaired or recalibrated to measure within the AWWA standards for the meter.

6.4 In the event any meter malfunctions and fails to accurately register and measure the water being supplied under this Contract, CITY may estimate the amount of water supplied during any such month or months of meter malfunction, taking into consideration the time of year, past year's consumption history of the month in question and any other factors relevant to the consumption question.

6.5 The accuracy of the measuring equipment at the Point of Delivery will be tested at reasonable intervals of not less than once a year and whenever requested by CITY or DISTRICT. Each party will have the right to be present at the time of any installing, reading, cleaning, changing, repairing, inspection, testing, calibrating or adjusting done in connection with the other's measuring equipment used in measuring deliveries hereunder.

6.6 The parties intend to use an accurate, feasible measurement technique and device. When newer techniques or devices become generally accepted in the industry and can be utilized economically in connection with the measurement of water hereunder, the parties agree to consider

updating the provisions of the Article to utilize such measurement techniques and devices. The party that wishes to utilize the new devices or techniques shall be responsible for all costs associated with the selection, design, and installation for the proposed meter. Both parties must agree to the installation of any meter proposed.

ARTICLE VII

RATE

7.1 DISTRICT shall pay CITY for the services provided herein and water supplied at the points of delivery at the CITY'S existing water rate, based on the average of the commercial and industrial user rate per 1000 gallons as applicable under CITY'S water rate ordinances in effect at the time such water is being furnished, multiplied by a factor of 1.3, plus any energy surcharge charged to customers inside City. CITY will reimburse 15% of funds received from portable meters.

If CITY determines and can provide adequate documentation to DISTRICT that 1.3 times the rate does not adequately cover its costs for treated water sold to the DISTRICT, treatment, operation and maintenance of DISTRICT'S system, and billing and collection services and administrative costs for the DISTRICT, this rate structure may be adjusted by CITY as necessary to allow the CITY to recover its costs. Such amended rate structure may be based on either the average of the commercial and industrial user rate per 1000 gallons under the CITY'S water rate ordinances in effect at the time such water is being furnished, or the average of the wholesale user rate per 1,000 gallons.

Should the need arise for new additional services for the operation of DISTRICT'S facilities provided by CITY, not covered by this Contract, the parties will negotiate in good faith to establish reasonable fees to cover the cost of the new services for the operation of DISTRICT'S facilities provided by CITY.

7.2 There are certain services provided by CITY, the costs of which are not included in the water rate listed in Section 7.1 above. Such services and the method of payment for such services are as follows:

(a) CITY sends DISTRICT a bill and DISTRICT'S customers pay DISTRICT directly:

Water Tap fee
Set Meter fee

(b) CITY sends DISTRICT an invoice and DISTRICT pays CITY:

Change out meter fee (cost of meter, materials, and labor)
Postage cost for mass mail out, over and above monthly utility bill and delinquent notice
Locate of taps fee
Meter test fee, if DISTRICT requests meter test
Required regulatory reporting, including costs of mailing reports to required agencies
Construction permit and inspection fee per Right of Way Construction Order
Cell phone backhaul fees related to Automatic Meter Infrastructure

(c) DISTRICT'S customers pay CITY (charged on utility bill or at time the service is requested):

- Service initiation fee
- Service vacation fee
- Transfer of service fee
- After hours fee
- Disconnect for non-payment fee
- Meter removal fee
- Field collection fee
- Meter test fee (if requested by customer)
- Pavement cut or boring fee
- Meter relocation fee
- Returned check or electronic transmission fee
- Plumbing Permit and inspection fee

Should the need arise for new additional services provided by CITY, not covered by this Contract, the parties will negotiate in good faith to establish reasonable fees to cover the cost of the new services.

7.3 DISTRICT shall set the rate to be charged to its customers for water supplied to each customer through the customer's individual meter, and shall notify CITY, for billing and collection purposes, of said rate and any future rate increases or decreases.

ARTICLE VIII **RESALE AND TRANSFER**

8.1 None of DISTRICT'S rights and interests under this Contract shall be transferable or assignable to any other water purveyor. DISTRICT'S water under this Contract shall only be supplied to retail customers within the DISTRICT'S boundaries.

ARTICLE IX **CONTRACT SERVICES - PIPELINE SYSTEM MAINTENANCE, REPAIR AND REPLACEMENT**

9.1 CITY agrees to maintain and repair the DISTRICT'S water transmission and distribution system. CITY agrees that such maintenance and repair shall be in accordance with applicable methods and practices followed by the CITY in the maintenance and repair of its own system. Emergency repair and ongoing maintenance is a part of the CITY'S maintenance obligation. It is agreed that the CITY, in its maintenance and repair of the DISTRICT'S system, is acting for and on behalf of the DISTRICT and in the capacity of an independent party. Pipeline system maintenance and repair, as delineated in 9.6, is included as a part of the rates charged for contract services provided under this Contract, pursuant to Section 7.1 of this Contract. Line locates are also included as a part of the rates charged for contract services provided under this Contract, pursuant to Section 7.1 of this Contract.

9.2 Should the CITY be unable to perform maintenance and/or repair activities within a time frame agreeable to the CITY and DISTRICT, DISTRICT may seek another provider. Such third party contractor shall be approved by CITY prior to any work being performed. If CITY has used that same contractor in the past year to conduct work on active water lines, CITY'S approval is automatic in

regard to that particular contractor. DISTRICT and contractor will be responsible for ensuring a TCEQ licensed operator oversees the repair, disinfection and testing of the repaired line in accordance with TCEQ regulations. For installation of new lines, CITY shall be responsible for inspecting the lines to ensure they are installed and disinfected in accordance with TCEQ regulations. CITY will not be responsible for any work not performed by the CITY.

9.3 DISTRICT specifically agrees that no connection of any other water source shall be allowed to be made to DISTRICT'S water system, except as may be agreed by CITY and DISTRICT under a temporary emergency situation. In order to prevent the connection of any private water source to any portion of DISTRICT'S water system used to distribute and/or transmit water received under this Contract, CITY shall have the right at any reasonable time to inspect any portion of DISTRICT'S transmission or distribution system and to inspect the plumbing system of any of DISTRICT'S customers in order to ascertain whether any connection has been made to DISTRICT'S system of any other water source.

9.4 DISTRICT shall advise each of its customers of this inspection right of CITY prior to allowing any customer to connect to its system and shall require the agreement of each of its customers to such right of CITY. In the event any such connection to DISTRICT'S water system by any other water source is found to exist, the CITY shall have the authority to immediately discontinue water service to the customer and continue termination of service until the illegal connection is resolved, at the DISTRICT'S expense. In addition, the DISTRICT must allow enforcement, as deemed necessary by the CITY, of the CITY'S cross connection control ordinance, including the installation, testing and inspection of backflow prevention assemblies as specified in the ordinance. DISTRICT agrees to adopt regulations applicable to customers of its system those portions of the International Basic Plumbing Code, as have been adopted and amended by CITY (including applicable portions of Article 3-3 of CITY'S Code of Ordinances), which apply to potable water. CITY shall enforce such regulations in the name and as the agent of DISTRICT. Such regulations shall be adopted by DISTRICT so as to be enforceable by fine and/or discontinuance of service. The application of such regulations to DISTRICT'S customers shall not require any changes to existing plumbing systems, except insofar as the requirements directly relating to new connections to DISTRICT'S water system and provisions prohibiting cross-connection. All plumbing systems in new buildings or improvements which are connected to DISTRICT'S water system shall fully comply with the above mentioned International Basic Plumbing Code, as adopted and amended by CITY (including the applicable portions of Article 3-3 of CITY'S Code of Ordinances), applying to potable water. However, the CITY is not responsible for the development, implementation, or enforcement of a cross connection control program as required by the TCEQ for the DISTRICT.

9.5 The CITY has no responsibility for the replacement of the DISTRICT'S transmission or distribution lines, meters, equipment or pump station facilities except as specifically provided in Section 9.6.

9.6 The general maintenance and repairs covered by CITY under this Contract shall be defined as work which total costs are less than \$5,000. Replacement costs, which are covered exclusively by DISTRICT, and which includes, but are not limited to large construction, meter replacement or other projects, shall be defined as work which costs are \$5,000 or more. Costs shall be determined by CITY, by utilizing its standard charges for equipment, supplies and labor. In addition, there will be an administrative fee of five percent (5%) of the total cost of the actual cost of the work performed.

9.7 In order to operate and maintain the DISTRICT'S system, the DISTRICT agrees to provide as built plans for any modifications or additions to its water transmission and distribution system or other facilities maintained by the CITY, prior to any maintenance work being performed by CITY.

9.8 In order for the CITY to conduct the DISTRICT'S system maintenance, the DISTRICT will provide authorization for the CITY to work in DISTRICT'S easements and obtain any permits or other authorization required by the County and State for cutting the streets or performing other work affecting their facilities. If maintenance requires the water to be shut off, the DISTRICT authorizes the CITY to do so. Water used during the maintenance and repair of DISTRICT'S system will be the responsibility of DISTRICT. CITY will use the same standards in determining the amount of water required for maintenance and repair of DISTRICT'S system as is used in the maintenance and repair of CITY'S system. CITY shall not be responsible for prosecuting theft in the DISTRICT.

9.9 Currently CITY is responsible for maintenance and operation of the existing pump stations; however, CITY is not responsible for the electrical costs or grounds maintenance at the existing pump stations. In addition, CITY shall not be responsible for the maintenance, grounds maintenance, electrical costs, operation or repair of any new pump stations, chlorine booster stations or other non-distribution line facilities which must be added for expansion of or for improvements in DISTRICT'S system to enhance water quality (e.g. chlorine booster station).

9.10 CITY is not responsible for compliance with regulations pertaining to coding of fire hydrants based on flow.

ARTICLE X **CONTRACT SERVICES - SYSTEM OPERATIONS**

10.1 As a part of the routine maintenance and operation of the DISTRICT'S system, the CITY will:
a) collect and analyze the bacteriological and chlorine residual samples required from the DISTRICT'S distribution system, b) flush distribution lines to maintain water quality, c) operate the DISTRICT'S existing pump stations, and d) provide required reports to the state. All labor and equipment costs are in the rates charged for contract services pursuant to Section 7.1 of this Contract. District will be responsible for the cost of all water flushed by the City to maintain water quality.

10.2 CITY shall not be responsible for determining the fire fighting status of the flush valves in the DISTRICT or for complying with any regulations for the use and/or designation of the flush valves as actual fire hydrants. DISTRICT shall indemnify and hold CITY, its officers, agents and employees harmless from any and all claims for damages arising from the use of the flush valves in the DISTRICT as actual fire hydrants and/or from the non-compliance with any regulations for the use of the flush valves as actual fire hydrants.

ARTICLE XI **CONTRACT SERVICES -METER READING, BILLING AND COLLECTION SERVICES**

11.1 CITY shall read the meters and record the consumption of DISTRICT'S individual customers. Based upon such meter readings, CITY shall bill said individual customers, on behalf of DISTRICT, for water used, based upon such rate as is established by DISTRICT applicable to the particular class of DISTRICT'S customers (e.g. single family residential unit on one meter, multi-unit residential on

one meter, or commercial, industrial and all other non-residential users) to which the water is furnished, under CITY'S water rate ordinances applicable inside the CITY limits then in effect at the time such water is being furnished. Within two (2) years from the date of this Contract, bills to DISTRICT'S customers shall not contain any reference to CITY. Bills to DISTRICT'S customers shall contain wording that clearly states that the bill is from the Ector County Utility District. Each time the DISTRICT makes a change to the rates charged to its customers, DISTRICT must furnish this information to the Director of Billing and Collection 30 days prior to the effective date of the rates for billing purposes. Following the installation of the AWWA meter referenced in Section 5.1, the CITY shall be paid the rate established for the water provided to DISTRICT.

11.2 CITY shall receive payments either by direct payment or by mail, on behalf of DISTRICT. All such payments received shall be deposited into a DISTRICT trust fund account. Each month, CITY shall submit to DISTRICT a report showing the total water consumed by DISTRICT'S customers and billed, together with the total amount of payments received for such monthly period. The CITY shall pay DISTRICT monthly a sum of money equal to the payments received during the same monthly period defined above. Any fees listed in Section 7.2 paid by DISTRICT'S customers to CITY shall be retained by CITY.

11.3 In addition to the above mentioned monthly reports, at the request of DISTRICT, CITY shall furnish DISTRICT with information regarding water consumption and payment status of any individual customer's account. CITY shall, under CITY'S existing policies relating to this subject, send past due notices to DISTRICT'S customers delinquent on their accounts and shall cut off and disconnect water service to delinquent customers. Cut off and disconnection of water service to delinquent customers shall be the ultimate solution to the delinquencies and CITY shall not pursue further legal remedies.

11.4 DISTRICT agrees to require a deposit from each of DISTRICT'S customers prior to the time service is made available to such customers, and CITY shall receive and hold such deposits in a water deposit trust fund account for DISTRICT. Said deposits shall be in an amount established by DISTRICT.

11.5 All of the above named services shall be done by CITY as DISTRICT'S agent and in the name of DISTRICT. CITY will notify DISTRICT of any direct tie-ins which are not being metered, for which DISTRICT will be responsible.

11.6 In the event circumstances make it impossible to read meters, the CITY reserves the right to estimate the consumption to be billed based on criteria established in the City of Odessa Code of Ordinances. If estimation of consumption continues for more than two consecutive months, a listing of the accounts estimated, along with the reason, will be supplied by CITY to DISTRICT. If DISTRICT is unable to resolve the circumstances and the estimation of consumption must continue, the CITY shall not be liable to DISTRICT nor to any of its water customers for said action. If the bill for the estimated consumption is not paid and circumstances prohibit CITY from carrying out cut off activity, DISTRICT will not hold CITY responsible under the terms of this Contract.

ARTICLE XII
CITY'S WATER SYSTEM

12.1 CITY agrees to consider an expansion of its own water delivery system, should DISTRICT request such an expansion to meet the needs of the DISTRICT customers. CITY shall consider such request upon a mutually agreeable written agreement between DISTRICT and CITY.

ARTICLE XIII
TERM

13.1 This Contract shall be for a term beginning on October 1, 2014 and ending on September 30, 2019. The billing component of this Contract shall not begin until the AWWA meter referenced in Section 5.1 is installed, tested and placed into service. Until that time, billing shall be made as provided under the water supply contract entered into in 1976 between CITY and DISTRICT, which was still active and in force on a month-to-month basis until the execution of this Contract. The governing bodies of DISTRICT and CITY must expressly approve any renewal of this Contract. At the end of the initial contract period, the contract may be renewed for an additional five (5) year period upon the approval of both DISTRICT and CITY. Either CITY or DISTRICT shall have the right to terminate this Contract by giving six (6) months written notice prior to the end of the initial term or any subsequent term. In addition, this Contract may be terminated as provided in Article XVIII.

ARTICLE XIV
INDEMNIFICATION

14.1 DISTRICT shall indemnify and hold CITY, its officers, agents and employees harmless from any and all claims for damages arising from CITY'S carrying out its responsibilities under this Contract in accordance with the policies and instructions of DISTRICT. CITY shall indemnify and hold DISTRICT harmless from any and all liabilities and claims by CITY'S officers, agents and employees who become involved in carrying out any duties and activities under this Contract and as to damages to third parties caused solely by the negligence or intentional torts of CITY, its officers, agents and employees. DISTRICT shall fully and absolutely indemnify CITY, its officers, agents and employees for any and all damages and claims for damages arising from any contamination of the water supplied under this Contract after it passes through such points of delivery.

ARTICLE XV
FORCE MAJEURE

15.1 In the event either party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this Contract, other than the obligation to make payments of amounts accrued and due hereunder at the time thereof, it is agreed that upon such party's giving notice in full particulars of such force majeure in writing to the other party within a reasonable time after the occurrence of the cause relied upon, the obligations of the party giving such notice, so far as they are affected by such cause, shall be suspended during the continuance of any inability so caused by for no longer period, and such cause shall so far as possible be remedied with all reasonable dispatch. Neither party will be responsible to the other for damages, loss, injury, or delay caused by conditions that are beyond the reasonable control, and without the misconduct or negligence, of that party. Such conditions (each, a

"Force Majeure") include, but are not limited to: acts of God; acts of Government agencies, excluding CITY and DISTRICT; strikes; labor disputes; fire; explosions or other casualties; vandalism; riots or war; or acts of terrorism.

ARTICLE XVI
MISCELLANEOUS

16.1 The interpretation and performance of this Contract will be construed in accordance with the laws of the State of Texas.

16.2 Each party will have the right at all reasonable times to examine the books and records of the other party to the extent necessary to verify the accuracy of any statement, charge, computation, or demand made under or pursuant to this Contract.

16.3 Any notice, request or other communication under this Contract shall be given in writing or other agreed upon method.

Notice may be made to the CITY by contacting the following:

Director of Utilities
P.O. Box 4398
Odessa, Texas 79760
Phone: (432) 335-4631
Fax: (432) 335-4698

Copy to: City Attorney's Office
P.O. Box 4398
Odessa, Texas 79760-4398
Phone: (432) 335-3228
Fax: (432) 335-3257

Notice may be made to the DISTRICT by contacting the following:

President
Ector County Utility District
P.O. Box 69807
Odessa, Texas 79769-9807
Phone: (432) 381-5525
Facsimile: (432) 385-1489

Copy to: G. William Fowler
Attorney at Law
3800 East 42nd Street, Suite 600
Odessa, Texas 79762
Phone: (432) 362-0366
Fax: (432) 362-0367

Either party may designate a change of address or addressee by providing written notice to the other party.

ARTICLE XVII **SEVERABILITY**

17.1 In the event any paragraph, sentence or portion of this Contract should be held invalid or unenforceable by a court of competent jurisdiction, such holding shall in no way be construed to affect the remainder of this Contract, and toward such end, each paragraph, sentence or portion of this Contract is declared to be severable.

17.2 It is recognized that it may be necessary for the parties to make certain filings with Federal or State regulatory authorities with respect to the sale and purchase of water hereunder. Each party hereto agrees to file promptly with the applicable regulatory authority and to prosecute diligently any applications, notices, or reports required with respect to the sale of water hereunder. Each party agrees to cooperate with the other and provide information to assist the other in meeting its regulator reporting responsibilities.

17.3 This Contract shall be subject to all valid rules, regulations and laws applicable hereto passed or promulgated by the United States of America, the State of Texas or any governmental body or agency having lawful jurisdiction or any authorized representative or agency of any of them.

17.4 In case any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or enforceability shall not affect any other provision thereof and this Contract shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

17.5 No amendment, modification or alteration of the terms hereof shall be binding unless the same be in writing, dated subsequent to the date hereof and duly executed by the parties hereto.

17.6 The rights and remedies provided by this Contract are cumulative and the use of any one right or remedy by either party shall not preclude or waive its right to use any or all other remedies. Said rights and remedies are given in addition to any other rights the parties may have by law, statute, ordinance, or otherwise.

17.7 No waiver by the parties hereto of any default or breach of any term, condition, or covenant of this lease shall be deemed to be waiver or any other breach of the same or any other term condition, or covenant contained herein.

17.8 This Contract is made and entered into in Ector County, Texas and both parties expressly agree that venue of any civil suit hereunder shall be in Ector County, Texas, unless legally required to be elsewhere.

17.9 This Contract may be executed in one or more counterparts, each of which, when executed shall constitute and be an original effective Agreement between Buyer and Seller executing same as of the date first written.

ARTICLE XVIII
REMEDIES FOR VIOLATION OF CONTRACT TERMS

18.1 In the event either party to this Contract violates or fails to comply with any of the material contract terms or provisions, the other party may give notice to the noncomplying party of its intention to terminate the contract. Upon the receipt of any such notice, the noncomplying party shall have thirty (30) days within which to correct and remedy its violation or noncompliance. In the event such violation or noncompliance is not corrected within such thirty-day period, the other party may terminate the contract by giving written notice of such termination to the noncomplying party. All notifications under this paragraph shall be addressed to the Board of Directors of DISTRICT or the City Council of CITY, as the case may be. The failure to have required the correction of any previous violations or previous points of noncompliance by either party shall not be deemed to waive the right of either party to enforce the provisions of this paragraph as to any subsequent violations or points of noncompliance as to the same or other provisions of this Contract. Nothing in this Contract shall be construed as a waiver of either party's rights to seek protection from TCEQ, other authorized administrative agencies or the Courts for wrongful termination of this Contract, abandonment of a water supply, or establishing an unjust rate.

THIS SPACE INTENTIONALLY LEFT BLANK

This Contract shall be deemed to be executed this 9th day of January, 2014, upon the express authorization by the respective governing bodies of CITY and DISTRICT. B

CITY OF ODESSA

By: [Signature]

Richard Morton, City Manager

ATTEST:

[Signature]
Norma Aguilar-Grimaldo, City Secretary

ATTEST:

[Signature]
Tommy Ervin, Secretary

ECTOR COUNTY UTILITY DISTRICT

By: [Signature]

C. Ray Owsley, President
Board of Directors

APPROVED AS TO FORM:

[Signature]
Larry Long, City Attorney

[Signature]
G. William Fowler
Ector County Utility District Attorney

(CITY)

STATE OF TEXAS

§
§
§

COUNTY OF ECTOR

BEFORE ME, the undersigned authority, on this day personally appeared **Richard Morton**, in his capacity as City Manager of the City of Odessa, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed this instrument in his capacity for the purposes and consideration therein stated.

SWORN TO AND SUBSCRIBED BEFORE ME this 9th day of January, 201⁵, to certify which witness my hand and seal of office.



Randi B. Pineda
Notary Public, State of Texas

(DISTRICT)

STATE OF TEXAS

§
§
§

COUNTY OF ECTOR

BEFORE ME, the undersigned authority, on this day personally appeared **C. Ray Owsley**, in his capacity as President of the Board of Directors of the Ector County Utility District, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed this instrument in his capacity for the purposes and consideration therein stated.

SWORN TO AND SUBSCRIBED BEFORE ME this 4 day of November, 2014, to certify which witness my hand and seal of office.



Melinda L. Fain
Notary Public, State of Texas

Project Description

Description of Project Need (for example, is the project needed to address a current compliance issue, avoid potential compliance issues, extend service, expand capacity, etc.): Ector County UD has less than 85% of the minimum total storage and elevated storage required by TCEQ. Ector County UD does not have any ground storage or elevated storage capacity. The system has experienced water outages, low chlorine residuals, and water pressures below 35 psi.

Provide a detailed description of the proposed project. The description should include a discussion of the current service area, existing system facilities; and an adequate description of all proposed project elements (include a bulleted list of new project elements/components).: The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector Co UD to expand service to nearby residents.

PROJECTED DRAW SCHEDULE FOR

Template must be downloaded and saved
prior to printing.

Entity Name: Ector County Utility District

Project No.:

Please complete all areas shaded
in blue.
Gray shaded areas will compute
automatically.

Date Prepared: 3/29/2019

By my signature, I acknowledge I have reviewed the project draw schedule incorporated herein and to the best of my knowledge it is an accurate reflection of the anticipated project financial needs at this time.

	Print Name	Signature	Date
Owner:	Tommy Ervin, President Board of Directors		
Engineer:	Jeff James, Kimley-Horn and Associates		
Financial Advisor:	Nick Bulaich, Hilltop Securities, Inc.		

Financial Advisor signature needed prior to closing only.

Entires must include all Fiscal Costs associated with the project except contingency.
Show the contingency in the month immediately after completion of the project.
Entires must match budgeted amounts.

Source of Funds	DWSRF	EDAP	Other	Total	Total Draws	Cummulative Draws	Debt Service Maturities
Loan/Grant #				Project Costs			
Loan/Grant Amount	\$ 45,765,000	\$ -	\$ -	\$ 45,765,000			
Actual or Estimated Closing Date	Jul-19						
	Aug-19				\$ 1,392,586	\$ 1,392,586	
	Sep-19				\$ 1,392,586	\$ 2,785,171	
	Oct-19				\$ 1,392,586	\$ 4,177,757	
	Nov-19				\$ 1,392,586	\$ 5,570,343	
	Dec-19				\$ 1,392,586	\$ 6,962,929	
	Jan-20				\$ 1,616,753	\$ 8,579,682	
	Feb-20				\$ 1,616,753	\$ 10,196,435	
	Mar-20				\$ 1,616,753	\$ 11,813,188	
	Apr-20				\$ 1,616,753	\$ 13,429,941	
	May-20				\$ 1,616,753	\$ 15,046,693	
	Jun-20				\$ 1,616,753	\$ 16,663,446	
	Jul-20				\$ 1,616,753	\$ 18,280,199	

Aug-20	\$ 1,616,753			\$ 1,616,753	\$ 19,896,952	
Sep-20	\$ 1,616,753			\$ 1,616,753	\$ 21,513,705	
Oct-20	\$ 1,616,753			\$ 1,616,753	\$ 23,130,458	
Nov-20	\$ 1,616,753			\$ 1,616,753	\$ 24,747,211	
Dec-20	\$ 1,616,753			\$ 1,616,753	\$ 26,363,964	
Jan-21	\$ 1,616,753			\$ 1,616,753	\$ 27,980,717	
Feb-21	\$ 1,616,753			\$ 1,616,753	\$ 29,597,470	
Mar-21	\$ 1,616,753			\$ 1,616,753	\$ 31,214,223	
Apr-21	\$ 1,616,753			\$ 1,616,753	\$ 32,830,976	
May-21	\$ 1,616,753			\$ 1,616,753	\$ 34,447,729	
Jun-21	\$ 1,616,753			\$ 1,616,753	\$ 36,064,482	
Jul-21	\$ 1,616,753			\$ 1,616,753	\$ 37,681,235	
Aug-21	\$ 1,616,753			\$ 1,616,753	\$ 39,297,988	
Sep-21	\$ 1,616,753			\$ 1,616,753	\$ 40,914,741	
Oct-21	\$ 1,616,753			\$ 1,616,753	\$ 42,531,494	
Nov-21	\$ 1,616,753			\$ 1,616,753	\$ 44,148,247	
Dec-21	\$ 1,616,753			\$ 1,616,753	\$ 45,765,000	
Jan-22				\$ -	\$ 45,765,000	
Feb-22				\$ -	\$ 45,765,000	
Mar-22				\$ -	\$ 45,765,000	
Apr-22				\$ -	\$ 45,765,000	
May-22				\$ -	\$ 45,765,000	
Jun-22				\$ -	\$ 45,765,000	
Jul-22				\$ -	\$ 45,765,000	
Aug-22				\$ -	\$ 45,765,000	
Sep-22				\$ -	\$ 45,765,000	
Oct-22				\$ -	\$ 45,765,000	
Nov-22				\$ -	\$ 45,765,000	
Dec-22				\$ -	\$ 45,765,000	
Jan-23				\$ -	\$ 45,765,000	
Feb-23				\$ -	\$ 45,765,000	
Mar-23				\$ -	\$ 45,765,000	
Apr-23				\$ -	\$ 45,765,000	
May-23				\$ -	\$ 45,765,000	
Jun-23				\$ -	\$ 45,765,000	
Jul-23				\$ -	\$ 45,765,000	
Aug-23				\$ -	\$ 45,765,000	
Sep-23				\$ -	\$ 45,765,000	
Oct-23				\$ -	\$ 45,765,000	

Nov-23			\$	-	\$ 45,765,000	
Dec-23			\$	-	\$ 45,765,000	
Jan-24			\$	-	\$ 45,765,000	
Feb-24			\$	-	\$ 45,765,000	
Mar-24			\$	-	\$ 45,765,000	
Apr-24			\$	-	\$ 45,765,000	
May-24			\$	-	\$ 45,765,000	
Jun-24			\$	-	\$ 45,765,000	
Jul-24			\$	-	\$ 45,765,000	
Aug-24			\$	-	\$ 45,765,000	
Sep-24			\$	-	\$ 45,765,000	
Oct-24			\$	-	\$ 45,765,000	
Nov-24			\$	-	\$ 45,765,000	
Dec-24			\$	-	\$ 45,765,000	
Jan-25			\$	-	\$ 45,765,000	
Feb-25			\$	-	\$ 45,765,000	
Mar-25			\$	-	\$ 45,765,000	
Apr-25			\$	-	\$ 45,765,000	
May-25			\$	-	\$ 45,765,000	
Jun-25			\$	-	\$ 45,765,000	
Jul-25			\$	-	\$ 45,765,000	
Aug-25			\$	-	\$ 45,765,000	
Sep-25			\$	-	\$ 45,765,000	

Water Made Available

New Supply: 0 (acre-feet/year)/\$0 (capital cost)

New Conservation Savings: 0 (acre-feet/year)/\$0 (capital cost)

New Reuse Supply: 0 (acre-feet/year)/\$0 (capital cost)

Maintenance of Current Supply: 0 (acre-feet/year)/\$0 (capital cost)

Project Location

County: Ector

Primary: Y

Colonias:

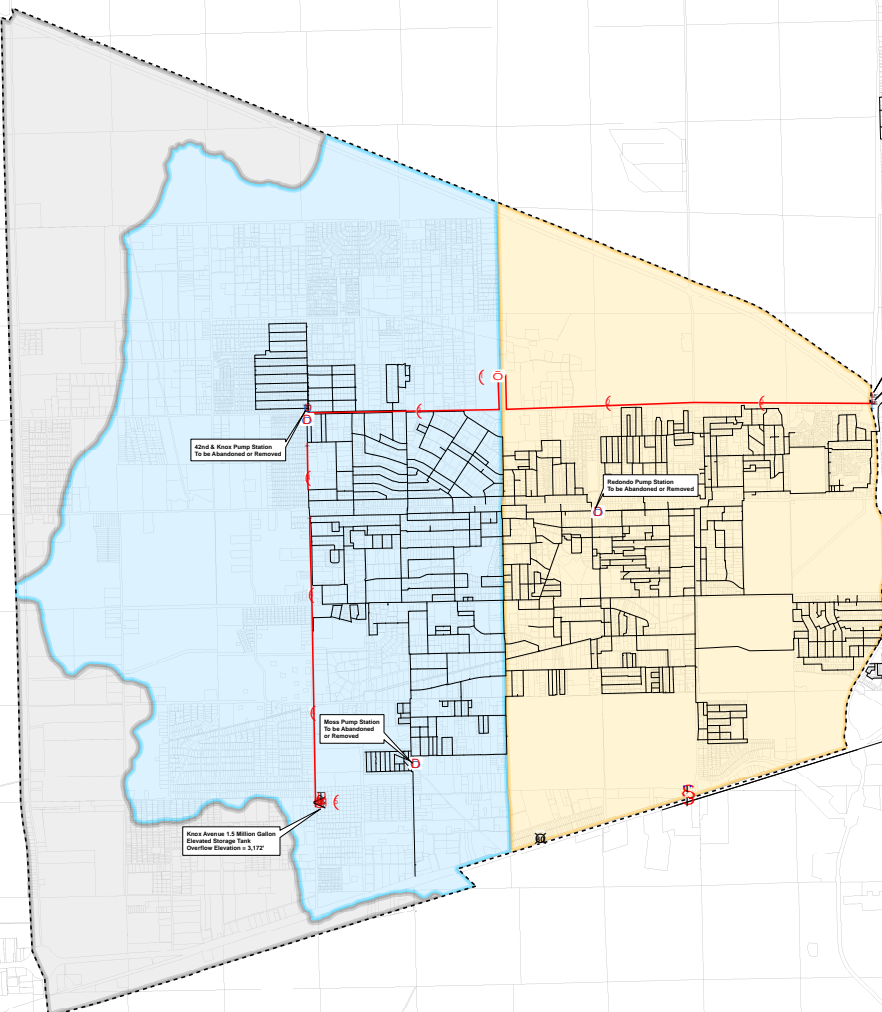
Colonia: M0680001

Can you locate your project to a specific address?: N

Project Latitude: 31.864699

Project Longitude: -102.486202

- Proposed Project List**
- #1 42nd Street Pump Station Phase 1
 - #2 42nd Street 30-inch Transmission Line
 - #3 42nd Street 24-inch Transmission Line
 - #4 Knox Avenue 16-inch Water Line (South)
 - #5 Knox Avenue 1.5 MG Elevated Storage Tank



Proposed Location Map
 March 2019
 Kimley»Horn

- Legend**
- Proposed ECUD CCN Boundary
 - Existing Distribution Main
 - Existing Transmission Main
 - Existing Pump Station to be Abandoned or Removed
 - Existing Ground Storage Tank to be Abandoned or Removed
 - Existing Wholesale Meter Location
 - Future Wholesale Meter Upgrade
 - TCEQ Compliance Project - Proposed Water Line
 - TCEQ Compliance Project - Proposed Elevated Storage Tank
 - TCEQ Compliance Project - Proposed Pump Station
 - West Pressure Plane
 - East Pressure Plane
 - Future Upper Pressure Plane

Project Schedule

- a) Requested loan closing date: 07-01-2019
- b) Estimated date to submit environmental planning documents.: 04-01-2019
- c) Estimated date to submit engineering planning documents.: 06-01-2019
- d) Estimated date for completion of design.: 12-03-2019
- e) Estimated Construction start date for first contract.: 01-01-2020
- f) Estimated Construction end date for last contract: 01-01-2022

ECUD Growth Projections

Year	Projected Average Day Water Use (MGD)	Projected Number of Connections	Estimated Number of Households	Estimated Population
2019	1.47	5,243	4,925	17,632
2020	1.65	5,648	5,273	18,877
2021	1.84	6,155	5,673	20,309
2022	2.04	6,664	6,075	21,747
2023	2.24	7,175	6,479	23,193
2024	2.43	7,688	6,885	24,647
2025	2.63	8,202	7,293	26,108
2026	2.81	8,671	7,648	27,380
2027	2.99	9,140	8,004	28,654
2028	3.17	9,610	8,360	29,930
2029	3.36	10,081	8,717	31,208
2030	3.54	10,552	9,018	32,283
2031	3.69	10,943	9,318	33,360
2032	3.84	11,336	9,620	34,438
2033	3.99	11,729	9,922	35,519
2034	4.14	12,122	10,224	36,602
2035	4.29	12,516	10,527	37,687
2036	4.44	12,910	10,831	38,774
2037	4.60	13,305	11,135	39,864
2038	4.75	13,701	11,440	40,955
2039	4.90	14,097	11,746	42,049
2040	5.05	14,493	12,052	43,145
2041	5.20	14,890	12,358	44,243
2042	5.36	15,288	12,666	45,344

Cost Estimates

PROJECT BUDGET - Entity Name <u>Ector County Utility District</u>						
Uses	TWDB Funds Series 1	TWDB Funds Series 2	TWDB Funds Series 3	Total TWDB Cost	Other Funds	Total Cost
Construction						
Construction	\$37,522,071	\$0	\$0	\$37,522,071	\$0	\$37,522,071
Subtotal Construction	\$37,522,071	\$0	\$0	\$37,522,071	\$0	\$37,522,071
Basic Engineering Fees						
Planning +	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$2,790,755	\$0	\$0	\$2,790,755	\$0	\$2,790,755
Construction Engineering	\$420,000	\$0	\$0	\$420,000	\$0	\$420,000
Basic Engineering Other **	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Basic Engineering Fees	\$3,210,755	\$0	\$0	\$3,210,755	\$0	\$3,210,755
Special Services						
Application	\$15,650	\$0	\$0	\$15,650	\$0	\$15,650
Environmental	\$55,000	\$0	\$0	\$55,000	\$0	\$55,000
Water Conservation Plan	\$0	\$0	\$0	\$0	\$0	\$0
I/I Studies/Sewer Evaluation	\$0	\$0	\$0	\$0	\$0	\$0
Surveying	\$345,145	\$0	\$0	\$345,145	\$0	\$345,145
Geotechnical	\$29,400	\$0	\$0	\$29,400	\$0	\$29,400
Testing	\$0	\$0	\$0	\$0	\$0	\$0
Permits	\$65,900	\$0	\$0	\$65,900	\$0	\$65,900
Inspection	\$860,000	\$0	\$0	\$860,000	\$0	\$860,000
O&M Manual	\$0	\$0	\$0	\$0	\$0	\$0
Project Management (by engineer)	\$15,650	\$0	\$0	\$15,650	\$0	\$15,650
Pilot Testing	\$0	\$0	\$0	\$0	\$0	\$0
Water Distribution Modeling	\$0	\$0	\$0	\$0	\$0	\$0
Special Services Other **	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Special Services	\$1,386,745	\$0	\$0	\$1,386,745	\$0	\$1,386,745
Other						
Administration	\$0	\$0	\$0	\$0	\$0	\$0
Land/Easements Acquisition	\$183,088	\$0	\$0	\$183,088	\$0	\$183,088
Water Rights Purchase (If Applicable)	\$0	\$0	\$0	\$0	\$0	\$0
Capacity Buy-In (If Applicable)	\$0	\$0	\$0	\$0	\$0	\$0
Project Legal Expenses	\$0	\$0	\$0	\$0	\$0	\$0
Other **	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Other Services	\$183,088	\$0	\$0	\$183,088	\$0	\$183,088
Fiscal Services						
Financial Advisor	\$143,030	\$0	\$0	\$143,030	\$0	\$143,030
Bond Counsel	\$102,500	\$0	\$0	\$102,500	\$0	\$102,500
Issuance Cost	\$11,960	\$0	\$0	\$11,960	\$0	\$11,960
Bond Insurance/Surety	\$0	\$0	\$0	\$0	\$0	\$0
Fiscal/Legal	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
Bond Reserve Fund	\$2,242,058	\$0	\$0	\$2,242,058	\$0	\$2,242,058
Loan Origination Fee	\$962,793	\$0	\$0	\$962,793	\$0	\$962,793
Other **	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Fiscal Services	\$3,462,341	\$0	\$0	\$3,462,341	\$0	\$3,462,341
Contingency						
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Contingency	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL COSTS	\$45,765,000	\$0	\$0	\$45,765,000	\$0	\$45,765,000
Other ** description must be entered						
+ For Planning applications under the EDAP Program, please break down Planning costs as follows:						
Category A						0
Category B						0
Category C						0
Category D						0
Total Planning Costs				0	0	0

Texas Water Development Board Water Project Information							
A. Project Name TCEQ Compliance Projects		B. Project No.		C. County Ector			
D. Program(s)		E. Date 03/25/2019		F. Regional Planning Group (A-P) F			
G. Water Project Description: (Multiphase project, new or expansion; plant, well, storage, pump station, distribution system, etc) The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector County Utility District to expand service to nearby residents.							
Attach map of service area affected by Project or other documentation.							
H. Is an Inter Basin Transfer potentially involved? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		I. Is project located in a Groundwater District (If yes, identify District by name)? Yes <input type="checkbox"/> No <input type="checkbox"/>					
J. Service Area Projected Population for at least a 20 year period:	Current Population		Projected Population				
	Year:	20¹⁹	2020	2025	2030	2035	2040
	Population:	17,632	18,877	26,108	32,283	37,687	43,145
Area projected for: (Check one)	Project service area <input checked="" type="checkbox"/> Utility boundary <input type="checkbox"/> City boundary <input type="checkbox"/>		Projection data source:		ACS 5-Year Estimates, Water Master Plan		
Project Design Year: (Year for which project will be sized)	2042		Design Population: (Population served by project on the design year)			45,344	
K. Is the proposed project included in a current Regional Water Plan? Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know <input type="checkbox"/> (If Yes, please specify on what page in the Regional Water Plan - Regional Water Plan Page Number: _____)							
L. What type of water source is associated directly with the proposed project ? Surface Water <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Reuse <input type="checkbox"/>							
M. Will the project increase the volume of water supply? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
N. What volume of water is the project anticipated to deliver/ treat per year? <u>6,000</u> Acre-Feet/Year							
O. Current Water Supply Information							
Surface Water Supply Source / Provider Names City of Odessa		Certificate No.		Source County		Annual Volume and Unit	
Groundwater Supply Aquifer		Well Field location		Source County		Annual Volume and Unit	
Reuse Water		Certificate No.		Annual Amount Used and Unit			
P. Proposed Water Supply Associated Directly with the Proposed Project							
Surface Water Supply Source / Provider Names City of Odessa		Certificate No.		Source County		Annual Volume and Unit	
Groundwater Supply Aquifer		Well Field location		Source County		Annual Volume and Unit	
Reuse Water		Certificate No.		Annual Amount Used and Unit			
Q. Consulting Engineer Name Mr. Jeff James, P.E.		Telephone No. 817-339-2259		E-mail address jeff.james@kimley-horn.com			
R. Applicant Contact Name, Title Mr. Tommy Ervin, President		Telephone No. 432-634-9421		E-mail address ecud6570@yahoo.com			

Property Rights

a) Does the applicant currently own all the property rights, groundwater permits and surface water rights needed for this project?:

b) If all property rights, groundwater permits, and surface water rights, needed for this project have not yet been acquired, identify the rights and/or permits that will need to be acquired and provide the anticipated date by which the applicant expects to have acquired such rights and/or permits.

Type of Permit Water Right	Entity from which the right must be acquired	Acquired by lease or full ownership	Expected acquisition date	Permit / Water Right ID No.
-------------------------------	--	--	------------------------------	--------------------------------

Permits & Easements

Are any major permits necessary for completion of the project?: N

Has the applicant obtained all necessary land and easements for the project?: Y

STATE OF TEXAS

§
§
§

COUNTY OF ECTOR

**SITE
CERTIFICATE**

Before me, the undersigned notary, on this day personally appeared

Martin Davila, a person whose identity is known to me or who has presented to me a satisfactory proof of identity. After I administered an oath, this person swore to the following:

(1) My name is Tommy Ennis. I am over 18 years of age and I am of sound mind, and capable of swearing to the facts contained in this Site Certificate. The facts stated in this certificate are within my personal knowledge and are true and correct.

(2) I am an authorized representative of Ector County Utility District, an entity that has filed an application for financial assistance with the Texas Water Development Board for a (water) (wastewater) project.

Please complete only those sections that apply to your project:

LEGAL CERTIFICATION – LEASE/CONTRACT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed a written lease or other contractual agreement to use the property needed for this (water)(wastewater) project that extends through _____ (date), the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. A copy of this lease or agreement is attached hereto.

LEGAL CERTIFICATION – PROPERTY EASEMENT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed an express easement to use the property needed for this (water) (wastewater) project that extends through the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. The express easement to use the property needed for this (water) (wastewater) project extends through _____ (date). A copy of the express easement agreement is attached hereto.

LEGAL CERTIFICATION – OWNERSHIP INTEREST

I certify that Ector County Utility District

(Legal Name of Applicant, e.g. City, District, etc.)

☐ Option A: has acquired the necessary real property interest, as evidenced by fee simple purchase, deed, fully executed earnest money contracts, or completion of eminent domain proceedings; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below.

☒ Option B: is in the process of acquiring the necessary real property interest, as evidenced by earnest money contracts, contracts for sale, firm option agreements to purchase the subject property, or the initiation of eminent domain procedures; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below. The anticipated date of acquisition is: July 1, 2019.

The property has been/will be acquired with the use of eminent domain: ☐ True ☒ False

Location and Description of Property Interests acquired for Project:

2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Any deeds or other instruments required to be recorded to protect the title(s) held by _____ (Legal Name of Applicant) have been recorded or filed for the record in the County deed records or other required location. The following documents are attached hereto:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Description of documents that were used or will be used to acquire the property:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

EXECUTED this 3 day of April, 2019.

Tommy Ervin (Signature)

Tommy Ervin (Print Name)

President (Title)

Sworn to and subscribed before me by _____ on this 3 day
of April, 2019.

[Signature] (Notary Public in and for the State of Texas)



[SEAL]



ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING

lca@lcaodessa.com

521 N. Texas Ave. • Odessa, Texas 79761

(432) 332-5058 or 580-8812 • Fax (432) 332-8812

Engineering Firm# 001363 • Surveying Firm# 10034300

**EXHIBIT A
METES & BOUNDS DESCRIPTION
OF A 2.30-ACRE UTILITY EASEMENT
LOCATED IN SECTION 10, BLOCK 43, T-2-S
T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS**

BEING A 2.30-ACRE UTILITY EASEMENT LOCATED IN THAT CERTAIN 109.093-ACRE TRACT AS DESCRIBED IN VOLUME 2275, PAGE 894 OF THE ECTOR COUNTY DEED RECORDS IN SECTION 10, BLOCK 43, T-2-S, T&P RR CO. SURVEY, ECTOR COUNTY, TEXAS AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at (Y= 10,648,641.45' and X= 1,628,203.27') a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northwest corner of this tract and the northeast corner of a proposed 10.00-acre tract in the north line of said 109.093-acre tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the northwest corner of said 109.093-acre tract in the east line of J-BAR Estates, as described in Volume 15, Page 3 of the Ector County Plat Records bears South 75°49'10" West, a distance of 1,366.77 feet;

THENCE North 75°49'10" East with the north line of said 109.093-acre tract, a distance of 50.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northeast corner of this tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the northeast corner of said 109.093-acre tract bears North 75°49'10" East, a distance of 965.10 feet;

THENCE South 14°03'32" East, a distance of 1,996.78 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southeast corner of this tract in the south line of said 109.093-acre tract and the north right-of-way of W 42nd Street;

THENCE South 77°41'48" West with the south line of said 109.093-acre tract and the north right-of-way of W 42nd Street, a distance of 70.02 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southwest corner of this tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the southeast corner of said J-BAR Estates and the north right-of-way of said W 42nd Street bears South 77°41'48" West, a distance of 27.93 feet to a ½" Iron rod with cap marked "HOWELL" found on the west line of said Section 10 and the east line of Section 9 of said Block 43, and South 75°47'28" West, a distance of 1,313.39 feet;

THENCE North 31°49'08" East, a distance of 27.85 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for a cutback corner of this tract;

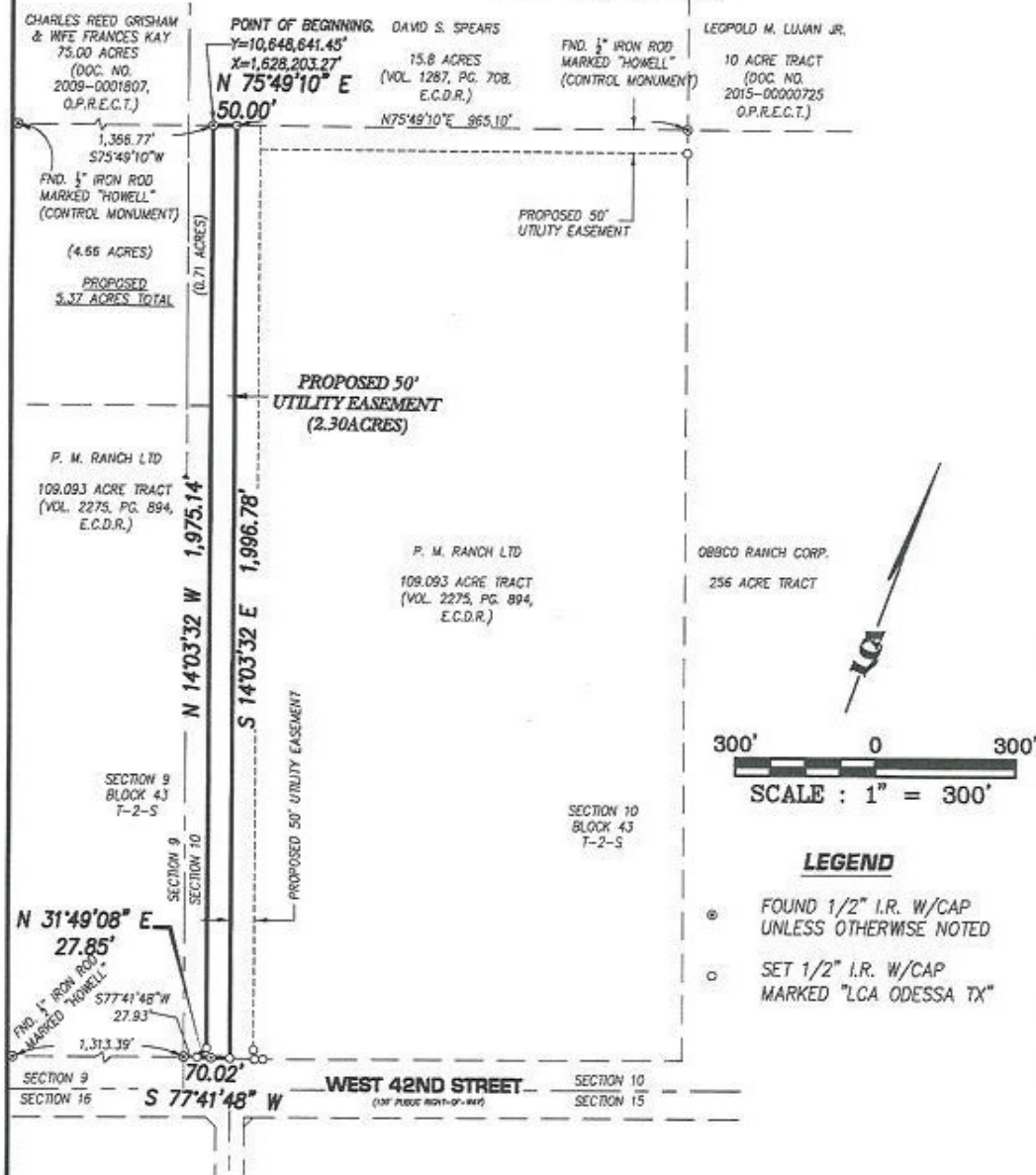
THENCE North 14°03'32" West, a distance of 1,975.14 feet to the Point of the Beginning containing 2.30 surface acres of land as depicted on the attached EXHIBIT A.

Bearings, distances and coordinates are relative to the Texas Coordinate System, 1983 NAD, Central Zone, with a theta angle of -01°06'22" and a combined grid factor of 0.999852607. Acreage stated is average surface.

LCA

John, F. Landgraf, RPLS 2410
5 December 2018

EXHIBIT B
SURVEY PLAT OF A 2.30 ACRE UTILITY EASEMENT
IN SECTION 10, BLOCK 43, T-2-S, T&P RR. CO. SURVEY,
ECTOR COUNTY, TEXAS



NOTES

1. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM, 1983 NAD, CENTRAL ZONE, WITH A THETA ANGLE OF -01°06'22" AND A COMBINED GRID FACTOR OF 0.999852607. ACREAGE STATED IS AVERAGE SURFACE.
2. IMPROVEMENTS, EASEMENTS, AND RIGHTS-OF-WAY THAT MAY AFFECT THIS TRACT ARE NOT SHOWN ON THIS SURVEY.
3. A METES AND BOUNDS DESCRIPTION, EXHIBIT "A", ACCOMPANIES THIS EXHIBIT.

STATE OF TEXAS
 COUNTY OF ECTOR

I, JOHN F. LANDGRAF, A REGISTERED PROFESSIONAL LAND SURVEYOR, NO. 2410, DO HEREBY CERTIFY THAT THE ABOVE PLAT REPRESENTS A SURVEY ACTUALLY MADE ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION.

JOHN F. LANDGRAF, R.P.L.S. #2410
 5 DECEMBER 2018



ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING
 321 North Texas, Odessa Tx. 79761 F-001363 F-10034300
 Phone # 409 332-5028 E-Mail: jf@lcaodessa.com



ENG. _____ E.T. _____
 SVY. _____ DFT. _____
 LCA JOB No. 2017-055.1a

STATE OF TEXAS

COUNTY OF ECTOR

§
§
§

**SITE
CERTIFICATE**

Before me, the undersigned notary, on this day personally appeared

Martin Davila, a person whose identity is known to me or who has presented to me a satisfactory proof of identity. After I administered an oath, this person swore to the following:

(1) My name is Tammy Elin. I am over 18 years of age and I am of sound mind, and capable of swearing to the facts contained in this Site Certificate. The facts stated in this certificate are within my personal knowledge and are true and correct.

(2) I am an authorized representative of Ector County Utility District, an entity that has filed an application for financial assistance with the Texas Water Development Board for a (water) (wastewater) project.

Please complete only those sections that apply to your project:

LEGAL CERTIFICATION – LEASE/CONTRACT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed a written lease or other contractual agreement to use the property needed for this (water)(wastewater) project that extends through _____ (date), the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. A copy of this lease or agreement is attached hereto.

LEGAL CERTIFICATION – PROPERTY EASEMENT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed an express easement to use the property needed for this (water) (wastewater) project that extends through the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. The express easement to use the property needed for this (water) (wastewater) project extends through _____ (date). A copy of the express easement agreement is attached hereto.

LEGAL CERTIFICATION – OWNERSHIP INTEREST

I certify that Ector County Utility District

(Legal Name of Applicant, e.g. City, District, etc.)

☐ Option A: has acquired the necessary real property interest, as evidenced by fee simple purchase, deed, fully executed earnest money contracts, or completion of eminent domain proceedings; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below.

☒ Option B: is in the process of acquiring the necessary real property interest, as evidenced by earnest money contracts, contracts for sale, firm option agreements to purchase the subject property, or the initiation of eminent domain procedures; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below. The anticipated date of acquisition is: July 1, 2019.

The property has been/will be acquired with the use of eminent domain: ☐ True ☒ False

Location and Description of Property Interests acquired for Project:

2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Any deeds or other instruments required to be recorded to protect the title(s) held by _____ (Legal Name of Applicant)

have been recorded or filed for the record in the County deed records or other required location. The following documents are attached hereto:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Description of documents that were used or will be used to acquire the property:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

EXECUTED this 3 day of April, 2019.

Tommy Ervin (Signature)

Tommy Ervin (Print Name)

President (Title)

Sworn to and subscribed before me by _____ on this 3 day
of April, 2019.

[Signature] (Notary Public in and for the State of Texas)

[SEAL]





ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING

lca@lcaodessa.com

521 N. Texas Ave. • Odessa, Texas 79761

(432) 332-5058 or 580-8812 • Fax (432) 332-8812

Engineering Firm# 001363 • Surveying Firm# 10034300

**EXHIBIT A
METES & BOUNDS DESCRIPTION
OF A 0.83-ACRE UTILITY EASEMENT
LOCATED IN SECTION 39, BLOCK 43, T-2-S
T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS**

BEING A 0.83-ACRE UTILITY EASEMENT LOCATED IN THAT CERTAIN 20.0-ACRE TRACT AS DESCRIBED IN DOCUMENT NO. 2017-00007668 OF THE OFFICIAL PUBLIC RECORDS OF ECTOR COUNTY TEXAS IN SECTION 39, BLOCK 43, T-2-S, T&P RR CO. SURVEY, ECTOR COUNTY, TEXAS AND BEING MORE PARTICULARLEY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at (Y= 10,624,863.82' and X= 1,634,237.17') a ½" Iron rod with cap marked "LCA ODESSA TX" set at the southwest corner of said 20.0-acre tract in the east right-of-way line of Tripp Avenue, whence a ½" Iron rod with cap marked "BRADSHAW" (Control Monument) found at the northwest corner of that certain 58.61-acre tract also described in Document No. 2017-00007668 bears North 59°50'04" East, a distance of 67.63 feet;

THENCE North 14°14'06" West with the west line of said 20.0-acre tract and the east right-of-way line of said Tripp Avenue, a distance of 52.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northwest corner of this tract, whence a 3/8" spike found at the northwest corner of said 20.0-acre tract bears North 14°14'06" West, a distance of 1,194.23 feet;

THENCE North 59°50'04" East, a distance of 718.05 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northeast corner of this tract in the west line of a proposed 1.00-acre tract;

THENCE South 30°07'50" East with the west line of said proposed 1.00-acre tract, a distance of 50.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southeast corner of this tract and the southwest corner of said 1.00- acre tract in the south line of said 20.0-acre tract and a north line of said 58.61-acre tract;

THENCE South 59°50'04" West with the south line of said 20.0-acre tract and a north line of said 58.61-acre tract, a distance of 732.29 feet to the Beginning containing 0.83 surface acres of land, as depicted on the attached EXHIBIT A.

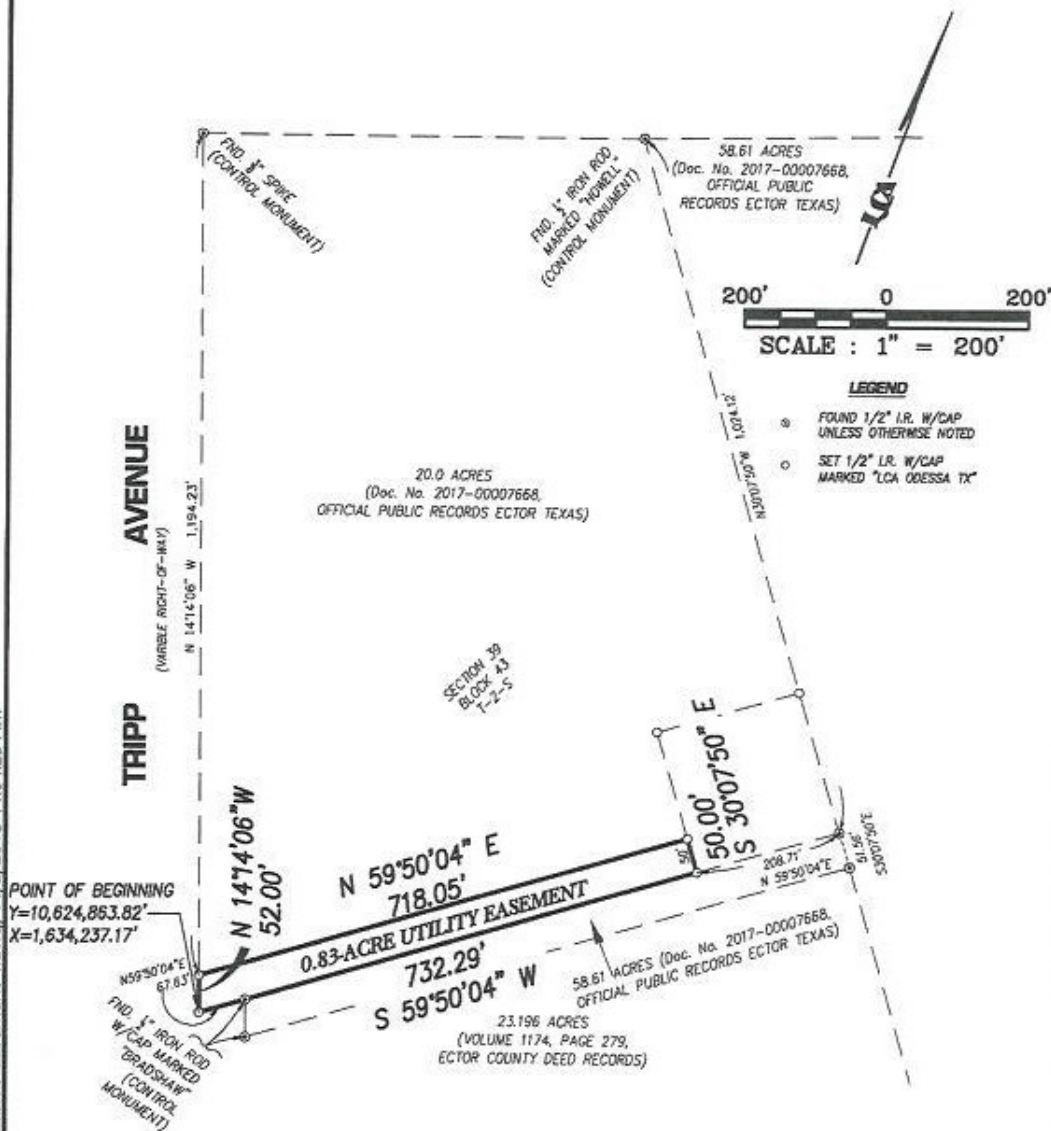
Bearings, distances and coordinates are relative to the Texas Coordinate System, 1983 NAD, Central Zone, with a theta angle of -01°06'22" and a combined grid factor of 0.999852607. Acreage stated is average surface.

LCA

John, F. Landgraf, R/LS 2410
1 November 2018



EXHIBIT B
SURVEY PLAT OF A 0.83 ACRE UTILITY EASEMENT IN
SECTION 39, BLOCK 43, T-2-S, T&P RR. CO. SURVEY,
ECTOR COUNTY, TEXAS



NOTES

1. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM, 1983 NAD. CENTRAL ZONE, WITH A THETA ANGLE OF -01°06'22" AND A COMBINED GRID FACTOR OF 0.999852607. ACREAGE STATED IS AVERAGE SURFACE.
2. IMPROVEMENTS, EASEMENTS, AND RIGHTS-OF-WAY THAT MAY AFFECT THIS TRACT ARE NOT SHOWN ON THIS SURVEY.
3. A METES AND BOUNDS DESCRIPTION, EXHIBIT "A", ACCOMPANIES THIS EXHIBIT.

STATE OF TEXAS
 COUNTY OF ECTOR

I, JOHN F. LANDGRAF, A REGISTERED PROFESSIONAL LAND SURVEYOR, NO. 2410, DO HEREBY CERTIFY THAT THE ABOVE PLAT REPRESENTS A SURVEY ACTUALLY MADE ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION.



JOHN F. LANDGRAF, R.P.L.S. #2410
 1 NOVEMBER 2018



521 North Texas, Odessa Tx. 79761 F-001363 F-10034300
 Phone # (409) 333-5058 E-Mail: lca@lcaodessa.com

ENG. _____ ET. _____
 SVY. _____ DFT. _____
 LCA JOB No. 2017-055.1a

STATE OF TEXAS

COUNTY OF ECTOR

§
§
§

**SITE
CERTIFICATE**

Before me, the undersigned notary, on this day personally appeared

Martin Davila, a person whose identity is known to me or who has presented to me a satisfactory proof of identity. After I administered an oath, this person swore to the following:

(1) My name is Tammy Evin. I am over 18 years of age and I am of sound mind, and capable of swearing to the facts contained in this Site Certificate. The facts stated in this certificate are within my personal knowledge and are true and correct.

(2) I am an authorized representative of Ector County Utility District, an entity that has filed an application for financial assistance with the Texas Water Development Board for a (water) (wastewater) project.

Please complete only those sections that apply to your project:

LEGAL CERTIFICATION – LEASE/CONTRACT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed a written lease or other contractual agreement to use the property needed for this (water)(wastewater) project that extends through _____ (date), the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. A copy of this lease or agreement is attached hereto.

LEGAL CERTIFICATION – PROPERTY EASEMENT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed an express easement to use the property needed for this (water) (wastewater) project that extends through the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. The express easement to use the property needed for this (water) (wastewater) project extends through _____ (date). A copy of the express easement agreement is attached hereto.

LEGAL CERTIFICATION – OWNERSHIP INTEREST

I certify that Ector County Utility District

(Legal Name of Applicant, e.g. City, District, etc.)

☐ Option A: has acquired the necessary real property interest, as evidenced by fee simple purchase, deed, fully executed earnest money contracts, or completion of eminent domain proceedings; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below.

☒ Option B: is in the process of acquiring the necessary real property interest, as evidenced by earnest money contracts, contracts for sale, firm option agreements to purchase the subject property, or the initiation of eminent domain procedures; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below. The anticipated date of acquisition is: July 1, 2019.

The property has been/will be acquired with the use of eminent domain: ☐ True ☒ False

Location and Description of Property Interests acquired for Project:

2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Any deeds or other instruments required to be recorded to protect the title(s) held by _____ (Legal Name of Applicant) have been recorded or filed for the record in the County deed records or other required location. The following documents are attached hereto:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Description of documents that were used or will be used to acquire the property:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

EXECUTED this 3 day of April, 20 19.

Tommy Ervin (Signature)

Tommy Ervin (Print Name)

President (Title)

Sworn to and subscribed before me by _____ on this 3 day
of April, 20 19.

[Signature] (Notary Public in and for the State of Texas)

[SEAL]



SURVEY PLAT OF LOT 8, BLOCK 3, ALDEA PRIVADA, ECTOR COUNTY, TEXAS



LEGEND

- ⊙ FOUND AS NOTED
SET 1/2" I.R. W/CAP
MARKED "LCA ODESSA TX"
UNLESS NOTED OTHERWISE
- EXISTING POWER POLE
- ~ EXISTING GUY ANCHOR
- X- EXISTING FENCE
- OH- EXISTING OVERHEAD
ELECTRIC
- PL- EXISTING PIPE LINE

STATE OF TEXAS
COUNTY OF ECTOR

I, John F. Landgraf, a Registered Professional Land Surveyor, No. 2410, do hereby certify that the above plat represents a survey actually made on the ground by me or under my direct supervision.

LCA

John F. Landgraf
John F. Landgraf, R.P.L.S. #2410
28 November 2018

100' 0 100'
SCALE : 1" = 100'

ENG. _____ E.T. _____
SVY. _____ DFT. _____
LCA JOB No. 2017-053.1a

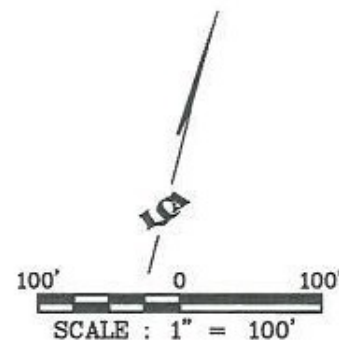
LCA
Professional Service, Today and Tomorrow

ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING
521 North Texas, Odessa Tx. 79761 F-001363 F-10031300
Phone: 2 (409) 332-3038 E-Mail: info@lcaodessa.com

⊗	FOUND AS NOTED
○	SET 1/2" I.R. W/CAP
●	MARKED "LCA ODESSA TX"
~	UNLESS NOTED OTHERWISE
—X—	EXISTING POWER POLE
—OH—	EXISTING GUY ANCHOR
—PL—	EXISTING FENCE
	EXISTING OVERHEAD
	ELECTRIC
	EXISTING PIPE LINE

I, John F. Landgraf, a Registered Professional Land Surveyor, No. 2410, do hereby certify that the above plat represents a survey actually made on the ground by me or under my direct supervision.

John F. Landgraf, R.P.L.S. #2410
20 November 2018



LCA
Personnel Service, Today and Tomorrow

ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING
521 North Texas, Odessa Tx. 79761 F-001363 P-10034900
Phone # (409) 338-3038 E-Mail: kag@wanhxa.com

STATE OF TEXAS

COUNTY OF ECTOR

§
§
§

**SITE
CERTIFICATE**

Before me, the undersigned notary, on this day personally appeared

Martin Davis, a person whose identity is known to me or who has presented to me a satisfactory proof of identity. After I administered an oath, this person swore to the following:

(1) My name is Tommy Lee. I am over 18 years of age and I am of sound mind, and capable of swearing to the facts contained in this Site Certificate. The facts stated in this certificate are within my personal knowledge and are true and correct.

(2) I am an authorized representative of Ector County Utility District, an entity that has filed an application for financial assistance with the Texas Water Development Board for a (water) (wastewater) project.

Please complete only those sections that apply to your project:

LEGAL CERTIFICATION – LEASE/CONTRACT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed a written lease or other contractual agreement to use the property needed for this (water)(wastewater) project that extends through _____ (date), the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. A copy of this lease or agreement is attached hereto.

LEGAL CERTIFICATION – PROPERTY EASEMENT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed an express easement to use the property needed for this (water) (wastewater) project that extends through the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. The express easement to use the property needed for this (water) (wastewater) project extends through _____ (date). A copy of the express easement agreement is attached hereto.

LEGAL CERTIFICATION – OWNERSHIP INTEREST

I certify that Ector County Utility District

(Legal Name of Applicant, e.g. City, District, etc.)

☐ Option A: has acquired the necessary real property interest, as evidenced by fee simple purchase, deed, fully executed earnest money contracts, or completion of eminent domain proceedings; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below.

☒ Option B: is in the process of acquiring the necessary real property interest, as evidenced by earnest money contracts, contracts for sale, firm option agreements to purchase the subject property, or the initiation of eminent domain procedures; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below. The anticipated date of acquisition is: July 1, 2019.

The property has been/will be acquired with the use of eminent domain: ☐ True ☒ False

Location and Description of Property Interests acquired for Project:

2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Any deeds or other instruments required to be recorded to protect the title(s) held by _____ (Legal Name of Applicant) have been recorded or filed for the record in the County deed records or other required location. The following documents are attached hereto:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Description of documents that were used or will be used to acquire the property:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

EXECUTED this 3 day of April, 20 19.

Tommy Ervin (Signature)

Tommy Ervin (Print Name)

President (Title)

Sworn to and subscribed before me by _____ on this 3 day
of April, 20 19.

[Signature] (Notary Public in and for the State of Texas)



[SEAL]



ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING

lca@lcaodessa.com

521 N. Texas Ave. • Odessa, Texas 79761

(432) 332-5058 or 580-8812 • Fax (432) 332-8812

Engineering Firm# 001363 • Surveying Firm# 10034300

**EXHIBIT A
METES & BOUNDS DESCRIPTION
OF A 1.00-ACRE TRACT
LOCATED IN SECTION 39, BLOCK 43, T-2-S
T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS**

BEING A 1.00-ACRE TRACT LOCATED IN THAT CERTAIN 20.0-ACRE TRACT AS DESCRIBED IN DOCUMENT NO. 2017-00007668 OF THE OFFICIAL PUBLIC RECORDS OF ECTOR COUNTY TEXAS IN SECTION 39, BLOCK 43, T-2-S, T&P RR CO. SURVEY, ECTOR COUNTY, TEXAS AND BEING MORE PARTICULARLEY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at (Y= 10,625,336.68' and X= 1,635,050.74') a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the southeast corner of said 20.0-acre tract and also being an ell corner of that certain 58.61-acre tract also described in said Document No. 2017-00007668;

THENCE South 59°50'04" West with the south line of said 20.0-acre tract and a north line of said 58.61-acre tract, a distance of 208.71 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southwest corner of this tract,

THENCE North 30°07'50" West, a distance of 208.71 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northwest corner of this tract;

THENCE North 59°50'04" East, a distance of 208.71 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northeast corner in the east line of said 20.0-acre tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the northeast corner of said 20.0-acre tract bears North 30°07'50" West, a distance of 815.40 feet of this tract

THENCE South 30°07'50" East with the east line of said 20.0-acre tract and a west line of said 58.61-acre tract, a distance of 208.71 feet to the Beginning containing 1.00 surface acres of land, as depicted on the attached EXHIBIT A.

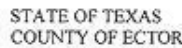
Bearings, distances and coordinates are relative to the Texas Coordinate System, 1983 NAD, Central Zone, with a theta angle of -01°06'22" and a combined grid factor of 0.999852607. Acreage stated is average surface.

LCA

John F. Landgraf, RPLS 2410
1 November 2018


LCA Project No. 2017-055.1a

E:\2017\2017-055\Dwg\Drafting\Exhibits\2017-055.1a Exhibit B Easement 3.dwg, 11/2/2018 11:04:07 AM



1. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM, 1983 NAD, CENTRAL ZONE, WITH A THETA ANGLE OF -01°06'22" AND A COMBINED GRID FACTOR OF 0.999852607. ACREAGE STATED IS AVERAGE SURFACE.
2. IMPROVEMENTS, EASEMENTS, AND RIGHTS-OF-WAY THAT MAY AFFECT THIS TRACT ARE NOT SHOWN ON THIS SURVEY.
3. A METES AND BOUNDS DESCRIPTION, EXHIBIT "A", ACCOMPANIES THIS EXHIBIT.

JOHN F. LANDGRAF, R.J.L.S. #2410
1 NOVEMBER 2018



ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING
521 North Texas, Odessa Tx. 79761 F-001363 F-10034300
Phone # (432) 332-5058 E-Mail: kca@kcaodessa.com

STATE OF TEXAS

§

COUNTY OF ECTOR

§

§

**SITE
CERTIFICATE**

Before me, the undersigned notary, on this day personally appeared

Martin Davis, a person whose identity is known to me or who has presented to me a satisfactory proof of identity. After I administered an oath, this person swore to the following:

(1) My name is Tammy Eric. I am over 18 years of age and I am of sound mind, and capable of swearing to the facts contained in this Site Certificate. The facts stated in this certificate are within my personal knowledge and are true and correct.

(2) I am an authorized representative of Ector County Utility District, an entity that has filed an application for financial assistance with the Texas Water Development Board for a (water) (wastewater) project.

Please complete only those sections that apply to your project:

LEGAL CERTIFICATION – LEASE/CONTRACT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed a written lease or other contractual agreement to use the property needed for this (water)(wastewater) project that extends through _____ (date), the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. A copy of this lease or agreement is attached hereto.

LEGAL CERTIFICATION – PROPERTY EASEMENT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed an express easement to use the property needed for this (water) (wastewater) project that extends through the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. The express easement to use the property needed for this (water) (wastewater) project extends through _____ (date). A copy of the express easement agreement is attached hereto.

LEGAL CERTIFICATION – OWNERSHIP INTEREST

I certify that Ector County Utility District

(Legal Name of Applicant, e.g. City, District, etc.)

☐ Option A: has acquired the necessary real property interest, as evidenced by fee simple purchase, deed, fully executed earnest money contracts, or completion of eminent domain proceedings; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below.

☒ Option B: is in the process of acquiring the necessary real property interest, as evidenced by earnest money contracts, contracts for sale, firm option agreements to purchase the subject property, or the initiation of eminent domain procedures; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below. The anticipated date of acquisition is: July 1, 2019.

The property has been/will be acquired with the use of eminent domain: ☐ True ☒ False

Location and Description of Property Interests acquired for Project:

2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Any deeds or other instruments required to be recorded to protect the title(s) held by _____ (Legal Name of Applicant) have been recorded or filed for the record in the County deed records or other required location. The following documents are attached hereto:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Description of documents that were used or will be used to acquire the property:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

EXECUTED this 3 day of April, 20 19.

Tommy Ervin (Signature)

Tommy Ervin (Print Name)

President (Title)

Sworn to and subscribed before me by _____ on this 3 day
of April, 20 19.

[Signature] (Notary Public in and for the State of Texas)

[SEAL]





ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING

lca@lcaodessa.com

521 N. Texas Ave. • Odessa, Texas 79761

(432) 332-5058 or 580-8812 • Fax (432) 332-8812

Engineering Firm# 001363 • Surveying Firm# 10034300

**EXHIBIT A
METES & BOUNDS DESCRIPTION
OF A 5.37-ACRE TRACT
LOCATED IN SECTIONS 9 and 10, BLOCK 43, T-2-S
T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS**

BEING A 5.37-ACRE TRACT LOCATED IN THAT CERTAIN 109.093-ACRE TRACT AS DESCRIBED IN VOLUME 2275, PAGE 894 OF THE ECTOR COUNTY DEED RECORDS IN SECTIONS 9 AND 10, BLOCK 43, T-2-S, T&P RR CO. SURVEY, ECTOR COUNTY, TEXAS AND BEING MORE PARTICULARLEY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at (Y= 10,648,545.86' and X= 1,627,824.96') a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northwest corner of this tract in the north line of said 109.093-acre tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the northwest corner of said 109.093-acre tract in the east line of J-BAR Estates, as described in Volume 15, Page 3 of the Ector County Plat Records bears South 75°49'10" West, a distance of 976.56 feet;

THENCE North 75°49'10" East with the north line of said 109.093-acre tract, pass a ½" Iron rod with cap marked "HOWELL" found in the east line of said Section 9 and the west line of said Section 10 at 338.08 feet, in all a total distance of 390.21 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northeast corner of this tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the northeast corner of said 109.093-acre tract bears North 75°49'10" East, a distance of 1,016.22 feet;

THENCE South 14°03'32" East, a distance of 600.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southeast corner of this tract;

THENCE South 75°49'10" West, pass the west line of said Section 10 and the east line of said Section 9 at 50.86 feet, in all a total distance of 388.94 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southwest corner of this tract;

THENCE North 14°10'48" West, a distance of 600.00 feet to the Point of the Beginning containing 5.37 surface acres of land, of which 4.66-acres is in said Section 9 and 0.71-acres is in said Section 10, as depicted on the attached EXHIBIT C.

Bearings, distances and coordinates are relative to the Texas Coordinate System, 1983 NAD, Central Zone, with a theta angle of -01°06'22" and a combined grid factor of 0.999852607. Acreage stated is average surface.

LCA
John, F. Landgraf, RPLS 2410
5 December 2018





ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING

lca@lcaodessa.com

521 N. Texas Ave. • Odessa, Texas 79761

(432) 332-5058 or 580-8812 • Fax (432) 332-8812

Engineering Firm# 001363 • Surveying Firm# 10034300

**EXHIBIT B
METES & BOUNDS DESCRIPTION
OF A 0.86-ACRE TRACT
LOCATED IN SECTIONS 9 and 10, BLOCK 43, T-2-S
T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS**

BEING A 0.86-ACRE TRACT LOCATED IN THAT CERTAIN 109.093-ACRE TRACT AS DESCRIBED IN VOLUME 2275, PAGE 894 OF THE ECTOR COUNTY DEED RECORDS IN SECTIONS 9 AND 10, BLOCK 43, T-2-S, T&P RR CO. SURVEY, ECTOR COUNTY, TEXAS AND BEING MORE PARTICULARLEY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at (Y= 10,648,350.44' and X= 1,628,276.15') a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northeast corner of this tract in the east north line of said 109.093-acre tract and the east line of a proposed 5.37-acre tract, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the northwest corner of said 109.093-acre tract in the east line of J-BAR Estates, as described in Volume 15, Page 3 of the Ector County Plat Records bears North 14°03'32" West, a distance of 300.00 feet and South 75°49'10" West, a distance of 1,296.77 feet;

THENCE South 14°03'32" East, a distance of 300.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southeast corner of this tract and also being the southeast corner of said proposed 5.37-acre tract;

THENCE South 75°49'10" West, pass the west line of said Section 10 and the east line of said Section 9 at 50.86 feet, in all a total distance of 125.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southwest corner of this tract;

THENCE North 14°10'48" West, a distance of 300.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the northwest corner of this tract;

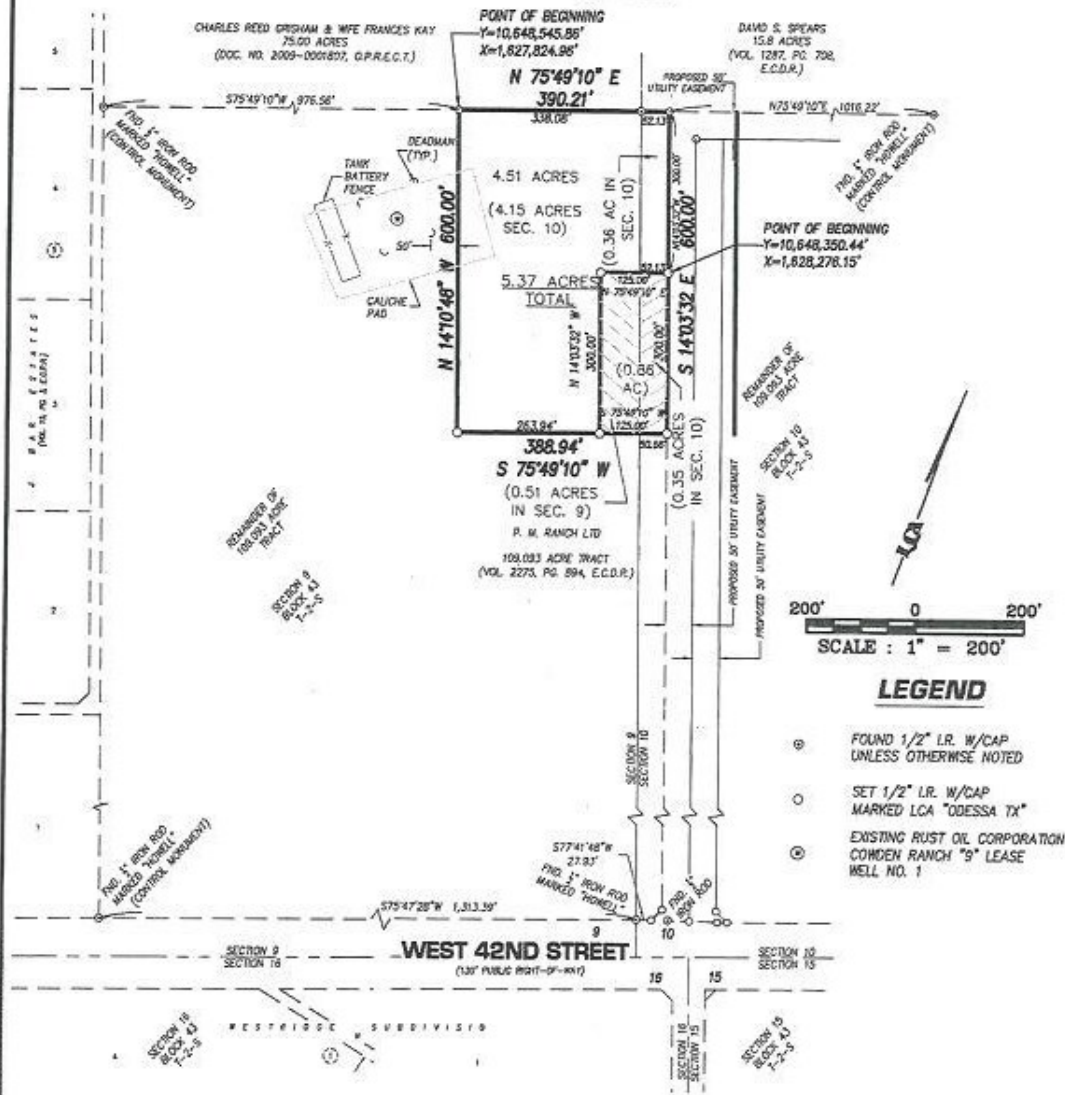
THENCE North 75°46'10" East, a distance of 125.00 feet to the Point of the Beginning containing 0.86 surface acres of land, of which 0.51-acres is in said Section 9 and 0.35-acres is in said Section 10, as depicted on the attached EXHIBIT C.

Bearings, distances and coordinates are relative to the Texas Coordinate System, 1983 NAD, Central Zone, with a theta angle of -01°06'22" and a combined grid factor of 0.999852607. Acreage stated is average surface.

John F. Landgraf, RPLS 2410
18 January, 2019



EXHIBIT C
SURVEY OF A 5.37-ACRE TRACT AND A 0.86-ACRE EASEMENT
LOCATED IN SECTIONS 9 AND 10, BLOCK 43, T-2-S, T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS



NOTES

1. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM, 1983 NAD, CENTRAL ZONE, WITH A THETA ANGLE OF -01°06'22" AND A COMBINED GRID FACTOR OF 0.999852607. ACREAGE STATED IS AVERAGE SURFACE.
2. IMPROVEMENTS, EASEMENTS, AND RIGHTS-OF-WAY THAT MAY AFFECT THIS TRACT ARE NOT SHOWN ON THIS SURVEY.
3. A METES AND BOUNDS DESCRIPTION, EXHIBIT "A", ACCOMPANIES THIS EXHIBIT.

STATE OF TEXAS
 COUNTY OF ECTOR

I, JOHN F. LANDGRAF, A REGISTERED PROFESSIONAL LAND SURVEYOR, NO. 2410, DO HEREBY CERTIFY THAT THE ABOVE PLAT REPRESENTS A SURVEY ACTUALLY MADE ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION.

JOHN F. LANDGRAF, R.P.L.S. #2410
 21 JANUARY 2010



ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING
 321 North Texas, Odessa TX, 79761 P-001363 F-10021300
 Phone # (409) 389-3038 E-Mail: jf@lcaodessa.com

ENG. _____ ET. _____
 DWT. _____ DPT. _____
 LCA 8/10/10 No. 2017/611/10

STATE OF TEXAS

COUNTY OF ECTOR

§
§
§

**SITE
CERTIFICATE**

Before me, the undersigned notary, on this day personally appeared

Martin Davis, a person whose identity is known to me or who has presented to me a satisfactory proof of identity. After I administered an oath, this person swore to the following:

(1) My name is Tommy Ems. I am over 18 years of age and I am of sound mind, and capable of swearing to the facts contained in this Site Certificate. The facts stated in this certificate are within my personal knowledge and are true and correct.

(2) I am an authorized representative of Ector County Utility District, an entity that has filed an application for financial assistance with the Texas Water Development Board for a (water) (wastewater) project.

Please complete only those sections that apply to your project:

LEGAL CERTIFICATION – LEASE/CONTRACT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed a written lease or other contractual agreement to use the property needed for this (water)(wastewater) project that extends through _____ (date), the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. A copy of this lease or agreement is attached hereto.

LEGAL CERTIFICATION – PROPERTY EASEMENT

I certify that: _____
(Legal Name of Applicant, i.e., City, District, etc.)

has executed an express easement to use the property needed for this (water) (wastewater) project that extends through the life of the Texas Water Development Board loan or grant that will be used to finance this project, either in whole or in part. The express easement to use the property needed for this (water) (wastewater) project extends through _____ (date). A copy of the express easement agreement is attached hereto.

LEGAL CERTIFICATION – OWNERSHIP INTEREST

I certify that Ector County Utility District

(Legal Name of Applicant, e.g. City, District, etc.)

☐ Option A: has acquired the necessary real property interest, as evidenced by fee simple purchase, deed, fully executed earnest money contracts, or completion of eminent domain proceedings; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below.

☒ Option B: is in the process of acquiring the necessary real property interest, as evidenced by earnest money contracts, contracts for sale, firm option agreements to purchase the subject property, or the initiation of eminent domain procedures; that such acquisition will guarantee access and egress; and such interest will contain the necessary easements, rights of way, or unrestricted use as is required for the project being financed by the Texas Water Development Board. The legal description is referenced below. The anticipated date of acquisition is: July 1, 2019.

The property has been/will be acquired with the use of eminent domain: ☐ True ☒ False

Location and Description of Property Interests acquired for Project:

2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Any deeds or other instruments required to be recorded to protect the title(s) held by _____ (Legal Name of Applicant) have been recorded or filed for the record in the County deed records or other required location. The following documents are attached hereto:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

Description of documents that were used or will be used to acquire the property:

Survey Plat of a 2.24 Acre Utility Easement in Section 10, Block 43, T-2-S, T&P RR. CO. Survey, Ector County, Texas

EXECUTED this 3 day of April, 20 19.

Tommy Ervin (Signature)

Tommy Ervin (Print Name)

President (Title)

Sworn to and subscribed before me by _____ on this 3 day
of April, 20 19.

[Signature] (Notary Public in and for the State of Texas)

[SEAL]





ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING

lca@lcaodessa.com

521 N. Texas Ave. • Odessa, Texas 79761

(432) 332-5058 or 580-8812 • Fax (432) 332-8812

Engineering Firm# 001363 • Surveying Firm# 10034300

**EXHIBIT A
METES & BOUNDS DESCRIPTION
OF A 2.24-ACRE UTILITY EASEMENT
LOCATED IN SECTION 10, BLOCK 43, T-2-S
T&P RR CO. SURVEY
ECTOR COUNTY, TEXAS**

BEING A 2.24-ACRE UTILITY EASEMENT LOCATED IN THAT CERTAIN 109.093-ACRE TRACT AS DESCRIBED IN VOLUME 2275, PAGE 894 OF THE ECTOR COUNTY DEED RECORDS IN SECTION 10, BLOCK 43, T-2-S, T&P RR CO. SURVEY, ECTOR COUNTY, TEXAS AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at (Y= 10,646,716.74' and X= 1,628,736.80') a ½" Iron rod with cap marked "LCA ODESSA TX" set for the southwest corner of this tract in the south line of said 109.093-acre tract and the north right-of-way line of W 42nd Street, whence a ½" Iron rod with cap marked "HOWELL" (Control Monument) found at the southeast corner of said J-BAR Estates, as described in Volume 15, Page 3 of the Ector County Plat Records, in the north right-of-way of said W 42nd Street bears South 77°41'48" West, a distance of 97.93 feet to a ½" Iron rod with cap marked "HOWELL" found on the west line of said Section 10 and the east line of Section 9 of said Block 43, and South 75°47'28" West, a distance of 1,313.39 feet;

THENCE North 14°03'32" West with the east line of a proposed 2.30-acre right-of-way, a distance of 1,946.88 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set at the northwest corner of this tract;

THENCE North 75°49'10" East with the south line of a proposed 1.11-acre right-of-way, a distance of 50.00 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set for the north east corner of this tract;

THENCE South 14°03'32" East, a distance of 1,928.41 feet to a ½" Iron rod with cap marked "LCA ODESSA TX" set a cut-back corner;

THENCE South 59°02'05" East, a distance of 28.30 feet to the southeast corner of this tract in the south line of said 109.093-acre tract and the north right-of-way line of said W 42nd Street;

THENCE South 75°47'13" West with the south line of said 109.093-acre tract and the north line of said W 42nd Street, a distance of 17.88 feet to a ½" Iron rod set at a Point of deflection of said north right-of-way of W 42nd Street;

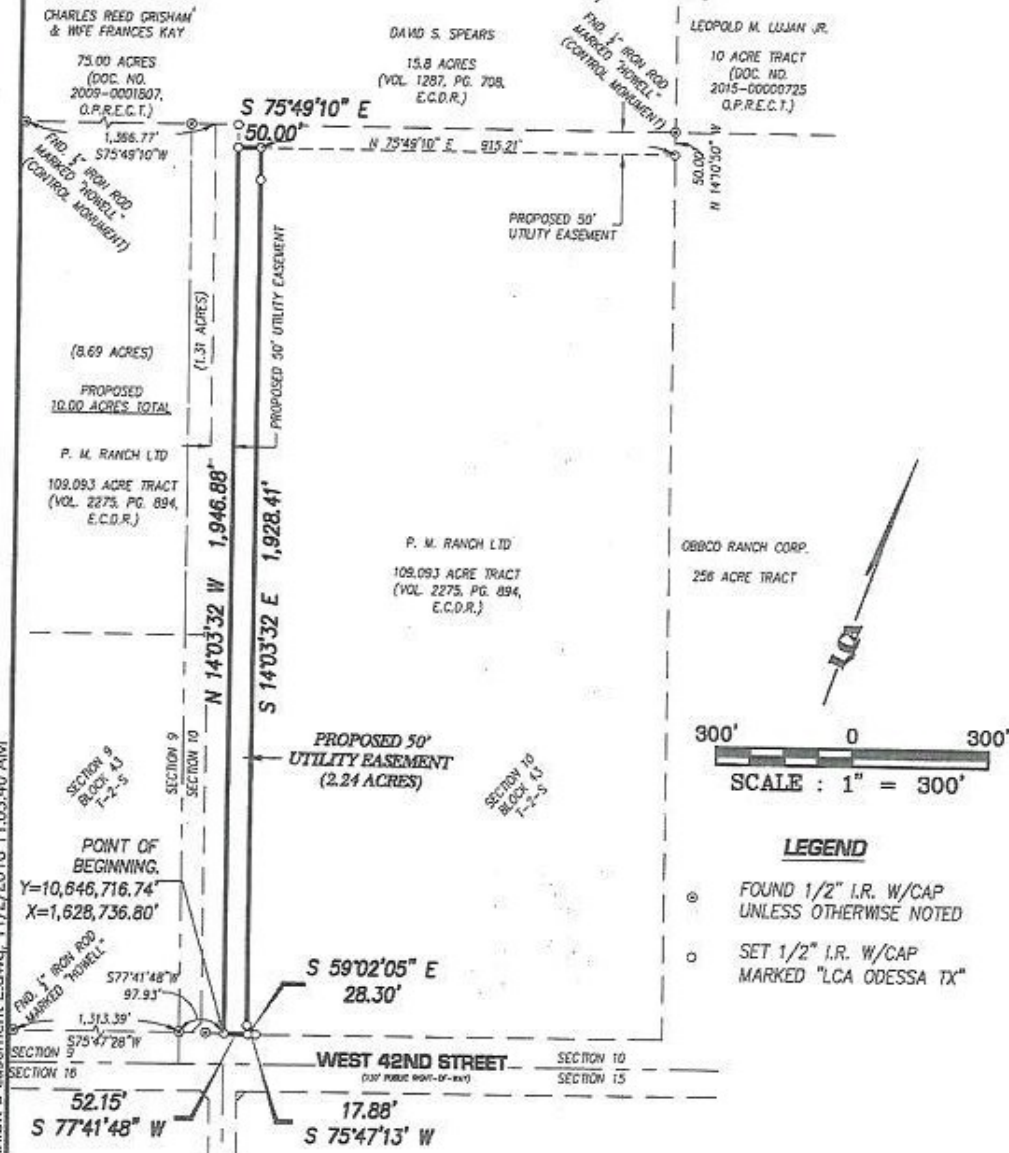
THENCE South 77°41'48" West with the south line of said 109.093-acre tract and the north right-of-way line of said W 42nd Street and the south line of said 109.093-acre tract, a distance of 52.15 feet to the Point of the Beginning containing 2.24-surface acres as depicted on the attached EXHIBIT A.

Bearings, distances and coordinates are relative to the Texas Coordinate System, 1983 NAD, Central Zone, with a theta angle of -01°06'22" and a combined grid factor of 0.999852607. Acreage stated is average surface.


John F. Landgraf, RPLS 2410
1 November 2018



EXHIBIT B
SURVEY PLAT OF A 2.24 ACRE UTILITY EASEMENT IN
SECTION 10, BLOCK 43, T-2-S, T&P RR. CO. SURVEY,
ECTOR COUNTY, TEXAS



NOTES

1. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM, 1983 NAD, CENTRAL ZONE, WITH A THETA ANGLE OF -01°06'22" AND A COMBINED GRID FACTOR OF 0.999852607. ACREAGE STATED IS AVERAGE SURFACE.
2. IMPROVEMENTS, EASEMENTS, AND RIGHTS-OF-WAY THAT MAY AFFECT THIS TRACT ARE NOT SHOWN ON THIS SURVEY.
3. A METES AND BOUNDS DESCRIPTION, EXHIBIT "A", ACCOMPANIES THIS EXHIBIT.

STATE OF TEXAS
 COUNTY OF ECTOR

I, JOHN F. LANDGRAF, A REGISTERED PROFESSIONAL LAND SURVEYOR, NO. 2410, DO HEREBY CERTIFY THAT THE ABOVE PLAT REPRESENTS A SURVEY ACTUALLY MADE ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION.

John F. Landgraf
 JOHN F. LANDGRAF, R.P.L.S. #2410
 NOVEMBER 2018



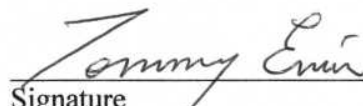
ENG. _____ E.T. _____
 SVY. _____ DFT. _____
 LCA JOB No. 2017-055.1a

LCA ENVIRONMENTAL • CIVIL ENGINEERING • LAND SURVEYING
 521 North Texas, Odessa Tx. 79761 F-001363 F-10034300
 Phone # (409) 338-5058 EMail: lca@landodessa.com

Debarment / Suspension Certification

I, Tommy Ervin, hereby certify that I have checked on the federal
(Authorized Representative of Recipient)
System for Award Management (www.sam.gov) website and determined that
Ector County Utility District is not shown as an "excluded party" that is debarred,
(Name of entity)
suspended or otherwise excluded from or ineligible for participation in federal assistance
programs under Executive Order 12549. (See 2 CFR Part 180 and 2 CFR Part 1532 for
additional information on the federal governmentwide debarment and suspension system for
nonprocurement programs and activities.)

I understand that a false statement herein may subject me to penalties under federal and state
laws relating to filing false statements and other relevant statutes.


Signature
President, Board of Directors

Title
Tommy Ervin

Name of Recipient

December 17, 2018

Date

Verifying prime contractors and subcontractors for construction, equipment, supplies and services: Using the www.sam.gov website, the recipient must verify prior to awarding the contract that the prime contractor is not listed as an "excluded party" that is debarred, suspended or otherwise excluded from or ineligible. Once any subcontractors are known, they also must be verified as not listed as an "excluded party" prior to award of a subcontract. The recipient must print a dated record of the verification from the www.sam.gov website and retain a copy that is available for review by TWDB. The prime contractors and subcontractors must be verified prior to the contract award or the costs may be disallowed.

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Number: 4040-0009
Expiration Date: 01/31/2019

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

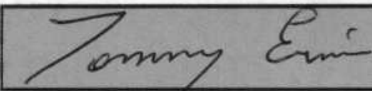
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards of merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE President, Board of Directors
APPLICANT ORGANIZATION Ector County Utility District	DATE SUBMITTED 12/17/18

Green Project

Does your project or a component of your project qualify as Green, per EPA guidance?: N

TWDB-0162 N/A

TWDB-0163 N/A

Environmental Determination

Has a Categorical Exclusion (CE), Determination of No Effect, Finding of No Significant Impact (FONSI), Record of Decision (ROD), or any other environmental determination been issued for this project?: Y

March 20, 2019

PHASE I ENVIRONMENTAL SITE ASSESSMENT

42nd Street – Pump Station and Elevated Tanks Property

Ector County, Texas



Prepared for:

Kimley»Horn

801 Cherry Street, Suite 1300
Fort Worth, TX 76102

And for:

Ector County Utility District
1039 North Moss Avenue
Odessa, Texas 79763

Prepared by:



P. O. Box 12177
Odessa, Texas 79768

TABLE OF CONTENTS

1.0	SUMMARY.....	1
1.1	<i>Introduction</i>	1
1.2	<i>Purpose and Scope</i>	1
1.3	<i>Findings and Conclusions.....</i>	1
1.4	<i>Assumptions and Limitations.....</i>	2
2.0	SITE DESCRIPTION.....	3
2.1	<i>Location and Legal Description</i>	3
2.2	<i>Buildings, Structures, Roads, Utilities and Other Improvements.....</i>	3
2.2.1	Buildings and Structures.....	3
2.2.2	Roads	3
2.2.3	Utilities	3
2.2.4	Structures Related to Oil and Gas Production	4
2.3	<i>Site Vicinity and General Characteristics.....</i>	4
2.4	<i>Current Use of Subject Property.....</i>	5
2.5	<i>Current Use of Adjacent Properties.....</i>	5
2.6	<i>Topography and Soil Description</i>	5
2.7	<i>Surface Geology and Groundwater Hydrology.....</i>	5
2.8	<i>Floodplain and Wetlands.....</i>	6
3.0	USER PROVIDED INFORMATION	7
3.1	Title Records	7
3.2	Environmental Liens or Activity and Use Limitations.....	7
3.3	Specialized Knowledge	7
3.4	Commonly Known or Reasonably Ascertainable Information	7
3.5	Valuation Reduction for Environmental Issues.....	7
3.6	Previous Owner, Property Manager, and Occupant Information.....	7
4.0	RECORDS REVIEW	8
5.0	HISTORY OF SUBJECT PROPERTY AND SURROUNDING AREA.....	11
6.0	SITE RECONNAISSANCE.....	13
6.1	<i>Methodology and Limiting Conditions</i>	13
6.2	<i>General Site Setting.....</i>	13
6.3	<i>Observations... ..</i>	13

7.0	INTERVIEWS	15
7.1	<i>Interview with Current Owner Representative</i>	15
7.2	<i>Interview with Previous Owner Representative</i>	15
7.3	<i>Interviews with Past Occupants.....</i>	15
7.4	<i>Interviews with Local Government Offices.....</i>	15
7.5	<i>Interviews with Others</i>	15
8.0	<i>FINDINGS, OPINIONS, CONCLUSIONS</i>	16
8.1	<i>Findings.....</i>	16
8.2	<i>Opinions and Conclusions</i>	16
9.0	REFERENCES	17

ATTACHMENTS AND APPENDICES

FIGURES

Figure 1 - Site Vicinity Map

Figure 2 - RRC Map of Oil & Gas Wells and Buried Pipelines

Figure 3 - Topographic Map

HISTORICAL AERIAL IMAGES (1954 - 2018)

SITE RECONNAISSANCE PHOTOGRAPHS

APPENDICES

Appendix A – GeoPlus Water Well Report

Appendix B – Oil & Gas Well Information

Appendix C – GeoPlus Physical Setting Maps

Appendix D – Soil Survey

Appendix E – Environmental Regulatory Record Search (*GeoSearch* ASTM Radius Report)

Appendix F – User Questionnaire

PROFESSIONAL CERTIFICATION

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Knox Avenue – Elevated Tank Property Ector County, Texas

This Phase 1 Environmental Site Assessment (ESA) was conducted consistent with generally accepted environmental consulting practices within the limitations specified in the accompanying report. Mr. Gilbert J. Van Deventer, an Environmental Professional and employee of Trident Environmental, gathered, compiled, reviewed and interpreted the information contained in this report, as agent for Kimley-Horn and the Ector County Utility District. The information contained in this ESA was obtained from personal inspection, from various Federal, State, and local government agencies and from sources deemed to be reliable.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and the ASTM Standard Practice for Environmental Site Assessments E 1527-13.

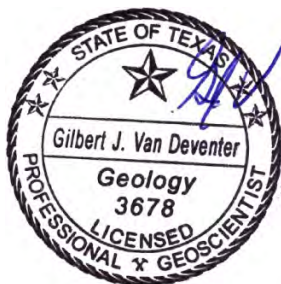
I have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.



Gilbert J. Van Deventer, PG

March 20, 2019

Date



1.0 SUMMARY

1.1 Introduction

Trident Environmental performed a Phase I Environmental Site Assessment (ESA) in accordance with the ASTM 1527-13 Standard for use by Kimley-Horn and the Ector County Utility District (ECUD) for a 5-acre plot of land located within a 60-acre parcel owned by PM Ranch Ltd (Patrick and Mary Lewis) in the northeast quarter of the southeast quarter of Section 9, Block 43, Township 2 South, Texas and Pacific Railroad Company Survey, in Ector County, Texas, as shown in the Site Vicinity Map (Figure 1).

1.2 Purpose and Scope

The purpose of this ESA is to identify "recognized environmental conditions" in connection with the subject property. The ASTM Standard Practice for Environmental Site Assessments E 1527-13 defines "recognized environmental condition" as "the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of an hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface water on the subject property."

The scope of work for this ESA included the following:

- Site reconnaissance of the subject property
- Surrounding property observation
- Interviews with individuals having knowledge of the operations on the subject property
- State and federal regulatory agency database search for listed properties within an ASTM designated radius of the subject property
- Reconnaissance of historical aerial photographs
- Research of archive city directories for subject property and adjoining properties

1.3 Findings and Conclusions

This Phase I Environmental Site Assessment for the subject property was performed in conformance with the scope and limitations of ASTM Standard Practice 1527-13. No deviations from the standard scope of services for a Phase I Environmental Site Assessment were encountered. The findings of this Phase I ESA included the following:

- The subject property is undeveloped and unimproved rangeland, with oil and gas wells, gas pipelines, tank batteries, in the near vicinity.
- There are no buildings or permanent structures on the subject property. The nearest residence is located approximately 500 feet north on land owned by Charles and Frances Grisham.
- The subject property is currently outside the limits of municipal water service provided by ECUD.

- There are oil and gas production operations west and south of the subject property, including natural gas gathering and transmission lines, oil and gas wells, tank batteries and operational equipment related to oil and gas activities. No recognized environmental conditions related to the oil and gas activities were observed.

During the course of this investigation, there was no indication of an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures or into the soil or groundwater on the subject property.

It is the opinion of Trident Environmental that this assessment has revealed no evidence of "recognized environmental conditions", as defined by the ASTM standard, in connection with the subject property.

1.4 Assumptions and Limitations

This ESA is based upon the information available from a variety of sources and on the inspection of the Property. The ESA was performed in accordance with industry standards and using appropriate methods. It is intended to allow a party to make an informed decision regarding the property. The findings and opinions conveyed in this report are based on information obtained from a variety of sources enumerated herein. Trident Environmental believes these sources are reliable; however Trident Environmental cannot and does not guarantee the accuracy or authenticity of the information provided by others. This ESA is not a guarantee that there is no subsurface contamination, nor can it be warranted that those areas of environmental concern herein noted are the only areas of potential contamination at the subject property.

Conducting a Phase I can reduce but not eliminate uncertainty regarding the potential of recognized environmental conditions. This report is not a comprehensive site characterization and the reader should not consider it as such. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials). This investigation does not include assessment of issues out of the scope of a Phase I. We have based the opinions presented in this report on findings derived from the Phase I ESA.

By their very nature, environmental due diligence programs are limited in their scope and conclusions. Trident Environmental has endeavored to meet what it believes is the applicable standard of care, including appropriate inquiry. We are obliged to advise the reader of the liabilities associated with the acquisition of any parcel of commercial real estate. We can mitigate these risks but not eliminate them through additional research and/or intrusive sampling in additional investigations.

This report is for the sole use of Kimley-Horn and the Ector County Utility District. Kimley-Horn and ECUD may release this report to third parties, who may use and rely upon the information contained herein at their own risk.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The subject property can be described as a 5-acre tract located within the northeast quarter of the southeast quarter of Section 9, Block 43, Township 2 South, Texas and Pacific Railroad Company Survey, in Ector County, Texas, as shown in the Site Vicinity Map (Figure 1).

2.2 Buildings, Structures, Roads, Utilities and Other Improvements

2.2.1 Buildings and Structures

There are no buildings or structures on the 5-acre subject property. The nearest buildings to the subject site include a RV cover building and garage detached from a residence on property owned by Charles and Frances Grisham (9310 W. April St).

2.2.2 Roads

The subject property is currently accessed through a gate located along the 9000 block of West 42nd Street (southeast corner of section 9). Thence, access continues approximately 1,800 ft on an unimproved caliche lease road trending north-northwesterly along a natural gas transmission pipeline right-of-way operated by El Paso Natural Gas Company, LLC, until ends at an oil well location (Cowden '9' #1) operated by Rust Oil Corporation. The lease road branches off to two other oil well locations operated by Raptor Petroleum Development, LLC.

2.2.3 Utilities

Electrical Services

Electrical service is available from Oncor Electric Delivery Company LLC.

Sewage Disposal

There are no municipal sewer services in this area of west Odessa and there is no evidence of a sewage system on the subject property.

Natural Gas

There are no natural gas services in this area of west Odessa. The local residents rely on electrical or propane for heating purposes.

Water Wells

There are no water wells on the subject property. According to the *Geosearch* Water Well Report in Appendix A, there were twenty-six (26) wells identified within a one-half mile radius of the

subject property. Four (4) wells are within one-eighth mile. It should be noted that the well locations are often subject to inaccuracies due to incorrectly reported latitude and longitude coordinates by the drilling companies.

Water wells in the vicinity produce at depths typically ranging from 109 ft to 120 ft below ground surface (bgs) with the top of the water table estimated at about 80-90 ft bgs. According to well reports, well yields vary from 5 to 25 gallons per minute.

2.2.4 Structures Related to Oil and Gas Production

There are no oil and gas wells or production structures located on the subject property. The following wells, tanks, and pits are listed below in order of proximity to the subject property.

Operator and <i>Well Name</i>	API No.	Well Type	Status	Tanks	Pits	Distance from Subject Property
Rust Oil Corp. <i>Cowden Ranch '9' #1</i>	135-43107	Oil	Active	3	1	100 ft W
Raptor Petroleum Develop <i>E. F. Cowden 'G' #1</i>	135-32776	Oil	Shut In	3	0	500 ft S
Raptor Petroleum Develop <i>Cowden 9 #2</i>	135-43511	UIC	Active	6	1	750 ft WSW
Raptor Petroleum Develop <i>Cowden 9 #1H</i>	135-43496	Oil	Active	6	1	800 ft WSW
Rust Oil Corp. <i>Cowden Ranch '9' #2</i>	135-43311	Oil	Active	0	1	1,300 ft SW

There are no oil or gas pipelines known to be located on the subject property. The following pipelines are listed below in order of proximity to the subject property.

Operator	T-4 Permit	Type	Size	Status	Distance from Subject Property
El Paso Natural Gas Co.	00281	Gas Transmission	20-in	Active	100-350 ft W
DCP Operating Co.	04825	Gas Gathering	4.5-in	Abandoned	600 ft S
DCP Operating Co.	04825	Gas Gathering	4.5-in	Abandoned	950 ft WSW

Using the RRC online database and GIS Viewer, several extensive in-depth queries were researched for oil and gas facilities located near the subject property, particularly for the facilities listed above. No adverse environmental issues were found during these queries. Additional oil & gas well information for the surrounding properties are provided in Appendix B.

2.3 Site Vicinity General Characteristics

The site vicinity is a mix of rural residential, oil and gas production, and commercial/industrial use. There is also some undeveloped range land.

2.4 Current Use of the Subject Property

Currently, the subject property is undeveloped and not in use with exception to the oil and gas production activities mentioned above. The northern and eastern sides of the property is fenced with barbed wire and metal t-posts.

2.5 Current Use of Adjoining and Nearby Properties

The north adjoining property is owned by Charlie and Frances Grisham, which consists of prime rural residential dwellings within four tracts which total approximately 130-acres in sections 9 and 10, Block 43, T-2-S.

The east adjoining property is an undeveloped 48.96-acre tract within section 10, Block 43, T-2-S, owned by PM Ranch Ltd (Patrick and Mary Lewis).

The property adjoining the south and west sides of the subject property is owned by PM Ranch Ltd. and is undeveloped with the exception of oil and gas mineral development by Rust Oil Corp. and Rapter Petroleum Development, LLC, and pipeline right-of-ways operated by El Paso Natural Gas Company, LLC and DCP Operating Company, LP. Further south lies the intersection of West 42nd Street and Tripp Avenue. Further west of the oil & gas developed property are rural residential home sites within the J Bar Estates Subdivision.

2.6 Topography and Soil Description

According to the United States Geological Survey (USGS) Odessa SW Topographic map, the relatively flat topography of the property slopes gently towards the southeast at an elevation of about 2985 feet (ft) above mean sea level (AMSL). There are no surface water bodies within a mile of the subject property. A USGS Topographic map is provided in Figure 3.

According to the National Cooperative Soil Survey (USDA Natural Resources Conservation Service), the surface soils at most of the subject property were identified as Conger Loam (0-2% slopes), as shown on USDA Soils map included with the *GeoPlus* Physical Settings Maps, provided in Appendix C. The site-specific soil survey report is included in Appendix D; it indicates that the Conger Loam parent material consists of calcareous loamy eolian deposits over indurated caliche, and is not considered prime farmland.

2.7 Surface Geology and Groundwater Hydrology

The Geologic Atlas of Texas (Pecos Sheet) shows *Quaternary Blackwater Draw Formation* (Qbd) as the surface geologic unit over the subject property. This formation is described as sand, fine- to medium-grained quartz, silty, calcareous, locally clayey, caliche nodules, massive, grayish red; distinct soil profile. It can be up to 25 feet thick and feathers out locally. A Geology Map is included in Appendix C.

According to the TWDB groundwater database, the major aquifer underlying the property is the Edwards-Trinity (Plateau) aquifer, also referred to as the Antlers Sand. Water wells completed

within the Edwards-Trinity aquifer in the site vicinity are typically drilled to depths ranging from about 109 ft to 120 ft bgs with the top of the water table estimated at about 80-90 ft bgs. According to well reports, well yields are range from 5 to 25 gallons per minute.

The lithology of the aquifer consists of interbedded sand, siltstone, and gravel and is confined by the underlying Triassic System, Dockum series red shales. The chemical quality of the Edwards-Trinity groundwater is generally good with total dissolved solids (TDS) that range from about 600 to 1500 mg/L.

The Dockum, Santa Rosa formation is a Minor Aquifer which also underlies the subject property, but is not utilized in the surrounding area, due to its depth and chemical quality, relative to the Edwards-Trinity (Plateau).

2.8 Floodplain and Wetlands

The subject property is not located within a floodplain. According to the Federal Emergency Management Agency (FEMA) National Flood Insurance Program, the subject property lies within "Zone X", which is the designation for properties not subject to 100- or 500-year flooding as interpreted from Flood Insurance Rate Map Panel for Ector County No. 48135C0330E dated February 16, 2018. A FEMA map is included in Appendix C.

The subject property is about ¼ mile southeast of a low area (dry playa) designated as "Zone A", which are areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.

According to the National Wetlands Inventory (NWI), the subject property does not include estuarine, freshwater emergent or forested/shrub wetlands, lake, riverine freshwater pond, or other designated areas as defined by the US Fish and Wildlife Service (USFWS). The small (dry) playa lake referenced above is classified as an emergent palustrine system with broad-leaved deciduous vegetation that is sometimes temporarily flooded. A NWI map is included in Appendix C.

3.0 USER PROVIDED INFORMATION

3.1 Title Records

No title records were provided by the user (ECUD) of this document, however the property owner is known to be PM Ranch Ltd (Patrick and Mary Lewis) of Odessa, Texas.

A User Questionnaire (Appendix F) was completed for the current owner/representative, Mr. Patrick Lewis.

3.2 Environmental Liens or Activity and Use Limitations

No environmental liens or Activity and Use Limitations were identified by the current owner as represented by Mr. Patrick Lewis.

3.3 Specialized Knowledge

The current owners as represented by Mr. Patrick Lewis indicated no specialized knowledge or experience regarding the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the Standard, "If the user is aware of any commonly known or reasonably ascertainable information within the local community about the subject property that is material to recognized environmental conditions in connection with the subject property; it is the user's responsibility to communicate such information to the environmental professional." Mr. Lewis indicated no such knowledge or information.

3.5 Valuation Reduction for Environmental Issues

According to statements made by the current owners as represented by Mr. Patrick Lewis there has been no known value reduction for environmental issues at the subject property.

3.6 Previous Owner, Property Manager, and Occupant Information

Mr. Patrick Lewis, had no information on the previous owner.

4.0 RECORDS REVIEW

The purpose of the records review was to obtain and review records that will help identify recognized environmental conditions in connection with the property. Some records reviewed pertain not only to the property, but also to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. Unless stated otherwise the approximate minimum search distances used below were as specified in the ASTM Standard 1527-13. Standard Practice E 1527-13 requires that the following federal and state government environmental records be reviewed for a Phase I ESA:

Federal Lists (by search radius)

- Emergency Response Notification System (ERNSTX) list, subject and adjoining property,
- Engineering Institutional Control (EC) list, subject and adjoining property,
- Land Use Control Information System (LUCIS) list, subject and adjoining property,
- Resource Conservation and Recovery Act (RCRA) - Site Controls (RCRASC) list, subject and adjoining property,
- RCRA Generator Facilities (RCRAGR06) list, within 0.125 miles,
- RCRA Non-Generator Facilities (RCRANGR06) list, within 0.125 miles,
- FEMA Owned Storage Tanks (FEMAUST) list, within 0.25 miles,
- Brownfields Management System (BF) list, within 0.5 miles,
- Delisted NPL site list within 0.5 miles,
- No Longer Regulated RCRA NON-CORRACTS (NLRRCRAT) list, within 0.5 miles,
- RCRA NON-CORRACTS Treatment, Storage, and Disposal (RCRAT) list, within 0.5 miles,
- Superfund Enterprise Management System (SEMS) list, within 0.5 miles,
- Superfund Enterprise Management System Archived Site Inventory (SEMSARCH) list, within 0.5 miles,
- National Priorities List (NPL) within 1.0 mile,
- Proposed National Priorities List (PNPL) within 1.0 mile,
- Resource Conservation and Recovery Act (RCRA) - Corrective Action Facilities (RCRAC) list, within 0.5 miles,
- RCRA Subject to Corrective Action (RCRASUBC) list, within 1.0 mile,

State of Texas Lists (by search radius)

- State Institutional/Engineering Control (SIEC01) list, subject and adjacent property,
- Dry Cleaner Registration Database (DCR), within 0.25 miles
- Petroleum Storage Tanks (PST), within 0.25 miles
- Brownfields Site Assessment (BSA), within 0.5 miles

Phase I Environmental Site Assessment
Ector County Utility District
42 Street - Elevated Tank Property

- Closed and Abandoned Landfill (CALF) Inventory, within 0.5 miles
- Leaking Petroleum Storage Tank (LPST) list, within 0.5 miles,
- Municipal Solid Waste Landfill (MSWLF) list, within 0.5 miles,
- Radio Active Waste Sites (RWS), within 0.5 miles
- Railroad Commission VCP and Brownfields (RRCVCP) list, within 0.5 miles
- Voluntary Cleanup Program (VCP) list, within 0.5 miles
- Industrial and Hazardous Waste Corrective Action (IHWCA) list, within 1.0 mile

Trident Environmental subcontracted with *GeoSearch* to provide an ASTM Radius Report as included in Appendix E. GeoSearch specializes in compiling the regulatory environmental records into a comprehensive user-friendly format which helps identify sites that have potential environmental concerns. Along with the environmental records lists recommended by ASTM E 1527-13, GeoSearch also provides thirty-one Federal and fifteen State "Additional" Environmental Records Lists, which are also included in Appendix E.

Of the forty-eight Federal and twenty-six State environmental records searched, two Leaking Petroleum Storage Tank (LPST) sites were identified within the specific search radii as described below.

LPST No. 113154

The responsible party for Site ID # 113154 was Kuykendall Wire Line, located at 4301 N. Sierra Avenue, approximately 0.35 miles west-southwest of the subject property. Two underground petroleum storage tanks (PSTs) were reportedly installed at this site on August 31, 1987. Tank construction and content details of the unregistered PSTs are unknown. The Texas Commission on Environmental Quality (TCEQ) assigned a priority score of 1.3 for "Groundwater impact to a sole-source domestic water supply". The PSTs were removed in April 21, 1998, and the site was closed on October 18, 2013.

LPST No. 95251

The responsible party for Site ID # 95251 was Southwest Energy Distributors (Big Johns Grocery), located at 10100 W 42nd Street, approximately 0.41 miles southwest of the subject property. This site reportedly had three PSTs registered that were reportedly installed at this site in 1985. The PSTs and associated piping were constructed of steel and contained gasoline for retail sale. Two PSTs had a capacity of 4,000 gallons and the third PST had a capacity of 6,000 gallons. The TCEQ assigned a priority score of 4A for "Soil Contamination Only". The PSTs were removed in March 16, 1990, and the site was closed on April 11, 1990.

Phase I Environmental Site Assessment
Ector County Utility District
42 Street - Elevated Tank Property

Trident Environmental also conducted an online query of Railroad Commission of Texas (RRC) of the most recent inspections and violations for the five oil and gas wells described in section 2.2.4. During inspections, the RRC notes whether the operator is in compliance with the following Statewide Rules:

Statewide Rule No.	Rule Description
16 TAC § 3.3(2)	Well Sign
16 TAC § 3.8(d)(1)	Unpermitted Disposal of Oil and Gas Wastes
16 TAC § 3.8(d)(2)	Unpermitted Use of Pit
16 TAC § 3.8(d)(4)(H)(i)	Pit Backfill Requirements
16 TAC § 3.13(a)(6)(A)	Surface Control of Well
16 TAC § 3.14(b)(2)	Inactive Unplugged Well
16 TAC § 3.17(a)	Bradenhead Requirements
16 TAC § 3.73(i)	Producing, Injecting, Disposing Under Severance
16 TAC § 3.91(d)(1)	Remediation of Soil

Each of the five oil well sites were found to be in compliance with the noted statewide rules with the exception of violations described below.

During an inspection by the RRC on January 9, 2019, the Cowden '9' #1 (API# 135-43107) and the Cowden Ranch '9' (API #135-43311) well sites operated by Rust Oil Corporation, were found to be in violation of pit backfill requirements (SWR 8.d.4.H.i). By rule, the well drilling completion pits must be dewatered within 30 days and backfilled and compacted within 120 days of well completion. Drilling of these two wells was completed on August 1, 2014, and October 13, 2015, respectively; therefore, the deadline for backfilling has been exceeded by several years.

It is unlikely that operations at any of the facilities referenced in this section would impact the environmental conditions of the subject property.

The database information, as summarized above in this section, revealed no unresolved formal enforcement actions by federal, state or tribal agencies. Note that enforcement actions which are in process are not publicly available. Also note that all violations do not receive formal enforcement actions. Violations that are minor, short in duration, or quickly corrected by the facility may not warrant formal enforcement action. Current owners and occupants of offsite properties do not necessarily match the responsible parties and/or former owner/occupants as listed on the databases due to change of ownership not reflected in the databases.

5.0 HISTORY OF SUBJECT PROPERTY AND SURROUNDING AREA

The history of the subject and surrounding properties is based primarily on a review of satellite and aerial photography, with additional information provided by historic street directories and interviews. Images utilized were from: 1954, 1963, 1974, 1982, 1986, 1996, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, and 2018. A summary of the history of the area is described as follows:

<u>Image Date</u>	<u>Historic Changes in Area Development</u>
05/03/1954	No discernible development evident on subject property (open range land). An approximate 25-acre tract located a few hundred feet southeast of the subject property appears to be cleared and fenced.
07/26/1963	No discernible development evident on subject property (remains as open range land). A northwest-southeast pipeline right-of-way (easement) appears about 500 ft west of the subject property. Other pipeline easements are also visible in the site vicinity. Unpaved portions of West 42nd Street and North Tripp Avenue become visible for the first time with some rural residential or commercial business development near that intersection.
01/29/1974	No discernible development evident on subject property, with the exception of a fence line along the eastern side of the property. Initial development of rural residential properties along North Sierra Avenue is visible.
12/06/1982	No discernible development evident on subject property. The Cowden Ranch '9' Well #1 site (API # 135-32776) first appears with lease road accessed from 42nd Street. A rural homestead (John Holdridge) appears about 1000 ft northeast of subject property. West 42nd Street continues further east towards Odessa and appears to be paved. Continued development of rural residential properties along and across North Sierra Avenue is evident. Big Johns Grocery at 10100 W 42nd St and Kuykendall Wire Line at 4301 N Sierra Ave first appear.
03/05/1986	No changes or signs of use on the subject property were observed since the previous image. Tripp Ave and Sierra Ave appear to be paved.
01/08/1996	No changes or signs of use on the subject property were observed since the previous image. Minor increases in rural residential and business development along W 42nd St and N Sierra Ave are evident.
2004	No changes or signs of use on the subject property were observed since the previous image. A large barn appears about 1,000 ft southeast of the subject property in the neighboring section 10 with access roads from W 42nd Street.
2005	No changes or signs of use on the subject property were observed since the previous image. Also no significant changes in surrounding properties are evident.

Phase I Environmental Site Assessment
Ector County Utility District
42 Street - Elevated Tank Property

2006	No changes or signs of use on the subject property were observed since the previous image. Also no significant changes in surrounding properties are evident.
2008	No changes or signs of use on the subject property were observed since the previous image. Also no significant changes in surrounding properties are evident other than a new industrial development east of Tripp Ave along the north side of W 42nd Street. An oil spill from a flow line is evident approximately 520 feet WSW from the Cowden Ranch '9' #1 well. The spill appears to have impacted about 1,000 ft ² of the surface soil and native vegetation.
2010	No changes or signs of use on the subject property were observed since the previous image. The oil spill noted above appears to have been addressed based on evidence of flow line repair and cleared surface soil. There were no significant signs of adverse impact from this spill during site reconnaissance as noted in section 6.0. April St extends further east to new rural residential development on property owned by Charles and Francis Grisham north of the subject property.
2012	No changes or signs of use on the subject property were observed since the previous image. An elongated storage building was constructed south of the Grisham residence noted above.
2014	The oil well pad and drilling pit for the Cowden '9' #1 well (API# 135-43107) appears adjacent to the west side of the subject property prior to initiation of subsequent well drilling and completion by Rust Oil Corp.
2016	No changes or signs of use on the subject property were observed since the previous image. The adjacent oil well has been completed including addition of a tank battery and appurtenances. The Cowden '9' #2 well (API# 135-43311) completed by Rust Oil Corporation and associated drilling pit are also visible about 0.25 mile southwest of the subject property.
01/19/2018	No changes or signs of use on the subject property were observed since the previous image. Both the Cowden '9' 1H (API# 135-43496) and Cowden '9' #2 SWD (API# 135-43511) oil wells, tank batteries, drilling pit, and frac pond, are visible 400-800 ft west of the subject property.

6.0 SITE RECONNAISSANCE

The purpose of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property or to note use and presence of hazardous materials which could affect the environmental condition of the subject property.

6.1 Methodology and Limiting Conditions

A reconnaissance of the subject property was conducted by Gil Van Deventer on December 28, 2018. All areas of the subject property were accessible at the time of the reconnaissance; with no visual or physical obstructions (including buildings or other obstructions) to hinder the inspection. Photographs were taken to document conditions at the time of the reconnaissance and are included in the Photographic Documentation attachment.

6.2 General Site Setting

The 5.0-acre subject property is partially fenced along the north and east sides with barbed-wire and steel t-posts. The subject property can be accessed via a caliche lease road leading from West 42 Street where there is a locked gate. The lease road generally follows along the natural gas transmission pipeline easement operated by El Paso Natural Gas Company, but also branches off towards the oil well locations operated by Rust Oil Corporation and Raptor Petroleum Development, LLC.

6.3 Observations

Subject Property

The 5-acre subject property can best be described as unimproved and undeveloped rangeland. There was little evidence of disturbance to the surface other than a few wooden survey stakes and past use by livestock. A small portion of the subject property is intersected by the cleared pad for the Cowden Ranch '9' #1 oil well (API# 135-43107). The general area is frequented by oilfield workers to maintain the oil production facilities operated by Rust Oil Corporation and Rapter Petroleum Development.

Cowden Ranch '9' #1 (API# 135-43107) operated by Rust Oil Corporation

The drilling pit was still present as noted in January 9, 2019, and during previous inspections by RRC staff, which issued a notice to Rust Oil Corporation for violation of pit backfilling requirements. RRC statewide rules require operators to backfill drilling pits within 120 days after drilling is completed. Other than the presence of the non-compliant drilling pit, there were no adverse conditions observed at this well site.

E. F. Cowden 'G' #1 (API# 135-32776) operated by Raptor Petroleum Development, LLC

The well at this site has been shut in since Raptor acquired it from Rust Oil Company in early 2017. Due to observation of an 2008 oil spill on the historical aerial imagery, site reconnaissance was made in that area where it was observed that little sign of the release was evident with no stressed vegetation or oil staining found. There were no adverse conditions observed at this location nor at the well site and tank battery.

Cowden Ranch '9' #1 (API# 135-43311) operated by Rust Oil Corporation

The drilling pit was still present as noted in January 9, 2019, and during previous inspections by RRC staff, which issued a notice to Rust Oil Corporation for violation of pit backfilling requirements. RRC statewide rules require operators to backfill drilling pits within 120 days after drilling is completed. The presence of a trackhoe near the drilling pit may suggest that pit backfill operations were in progress. Other than the presence of the non-compliant drilling pit, there were no adverse conditions observed at this well site.

Cowden 9 #1H (135-43496) operated by Raptor Petroleum Development, LLC

Drilling of this well was recently completed on April 27, 2017. Since it was a horizontally-drilled well, hydraulic fracturing was completed at a later date (November 30, 2017). Both the drilling pit and the larger frac pond are still present. The tank battery serving this well includes six steel tanks and associated separator vessels. Well production chemicals in plastic totes with secondary containment were observed with no sign of spillage. There were no adverse conditions observed at this well site.

Cowden 9 #2 (135-43511) operated by Raptor Petroleum Development, LLC

This well is located about 50 ft northeast of the #1H horizontal well described above well and was completed to a depth of 7,150 ft on May 10, 2017. This well serves to inject produced saltwater from the lease into a formation productive of oil and/or gas (6,253' -7,050' interval), and thus is considered an injection well under RRC statewide rules for Underground Injection Control (UIC). This well is served by a separate tank battery that includes six 200-bbl steel tanks and a pump station. There were no adverse conditions observed at this well site.

Indicators of hazardous material releases include stressed vegetation; spillage/leakage of hazardous substances; staining of soil or other permeable surfaces; leachate or waste seeps; waste materials; disposal areas; construction/demolition debris; drums, barrels, or containers that presently or could have formerly contained hazardous substances; unusual odors and surface water discoloration, odor, sheen, or free-floating product. There were no indications of any petroleum hydrocarbon or chemical releases observed on the subject property during the site reconnaissance.

No transformers labelled as containing polychlorinated Biphenyl (PCB) transformer oil were observed on any electrical power poles across the subject property or nearby well sites. There was no evidence of any underground petroleum storage tanks, including dispensers or piping, on the subject property or adjoining properties.

There was no equipment or structures specifically known to utilize asbestos containing material (ACM) observed on the subject property or adjoining properties.

No evidence of solid waste or waste water disposal was observed on the subject property.

Based on on-site observations and review of photographs there did not appear to be any specific evidence of a recognized environmental condition of obvious future liability to the subject property.

7.0 INTERVIEWS

7.1 Interview with Current Owner

The subject property is currently owned by PM Ranch Ltd which purchased the property in 2007. Patrick and Mary Lewis are partners with PM Ranch Ltd. A representative of Trident Environmental contacted Mr. Patrick Lewis by telephone on March 19, 2019, to review and verbally answer to the User Questionnaire (Appendix F).

During the interview, Mr. Patrick Lewis indicated he is unaware of any environmental liens or land use limitations in the form of engineering or institutional controls associated with the property. He did not have any specialized knowledge or experience related to the historic use of the property or associations with the adjacent properties that could provide insight into a potential environmental liability. Mr. Patrick Lewis was not aware of commonly known or reasonably ascertainable information about the property that would aid in identifying conditions indicative of releases or threatened releases. He indicated that the price being paid for the subject property reflected a fair market value. Based on his knowledge of the property it has never served as a place of chemical use or storage, contained a chemical spill or release, or had been subject to an environmental cleanup. Mr. Patrick Lewis was also not aware of any obvious indicators that point to the presence or likely presence of contamination on the property. Mr. Lewis did not have any specific specialized knowledge or experience related to the nearby properties.

7.2 Interview with Previous Owner Representative

According to Mr. Lewis, the previous owner was David Spear, who had moved to the Fort Worth area after selling the property to PM Ranch Ltd in 2007. With no further knowledge of his whereabouts, Mr. Spear was not reachable for comment. No other previous owner representatives were available for an interview.

7.3 Interviews with Past Occupants

Since the property is undeveloped and unimproved, no other occupants existed on the subject property, with the exception of occasional workers tending to oil and gas activities related to the oil wells and associated tank batteries in the vicinity.

7.4 Interviews with Local Government Officials

No interviews with Local Government Officials were conducted as part of this environmental site assessment.

7.5 Interviews with Others

No other interviews were conducted as part of this environmental site assessment.

8.0 FINDINGS, OPINIONS, CONCLUSIONS

8.1 Findings

The Phase I ESA for the subject property located immediately south of 1117 South 42 Street, Odessa TX, was performed in conformance with the scope and limitations of ASTM Standard Practice 1527-13. The findings of this Phase I ESA included the following:

- The subject property is undeveloped and unimproved rangeland, with oil and gas wells, gas pipelines, tank batteries, in the near vicinity.
- There are no buildings or permanent structures on the subject property. The nearest residence is located approximately 500 feet north on land owned by Charles and Frances Grisham.
- The subject property is currently outside the limits of municipal water service provided by ECUD.
- There are oil and gas production operations west and south of the subject property, including natural gas gathering and transmission lines, oil and gas wells, tank batteries and operational equipment related to oil and gas activities. No recognized environmental conditions related to the oil and gas activities were observed.

8.2 Opinions and Conclusions

During the course of this investigation, there was no indication of an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into the soil or groundwater on the subject property.

It is the opinion of Trident Environmental that this assessment has revealed no evidence of "recognized environmental conditions", as defined by the ASTM standard, in connection with the subject property.

9.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Designation: E 1527-13.

Bureau of Economic Geology, University of Texas, The Geologic Atlas of Texas (Pecos Sheet)

GeoSearch, GeoPlus Oil and Gas Report (December 13, 2018)

GeoSearch, GeoPlus Physical Setting Maps (December 13, 2018)

GeoSearch, GeoPlus Water Well Report (December 13, 2018)

GeoSearch, ASTM Radius Report (December 13, 2018)

GeoSearch, Aerial photography for the years 1954, 1963, 1974, 1982, 1986, 1996, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, and 2018

Google™ Earth, aerial photography (January 19, 2018)

Railroad Commission of Texas (RRC) Online System and GIS Viewer
<http://www.gisp.rrc.texas.gov/GISViewer2/>

Texas Commission of Environmental Quality Central Registry Query database
<https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=home.welcome>

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey
<http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>

Federal Emergency Management Agency (FEMA) National Flood Insurance Program
<https://floodmaps.fema.gov>

United States Geological Survey, Odessa SW topographic quadrangle

FIGURES

Figure 1

Site Vicinity Map

Figure 2

RRC Map of Oil & Gas Wells and Buried Pipelines

Figure 3

Topographic Map

FIGURE 1 - Site Vicinity Map

42nd Street Pump Station and Elevated Tanks Site

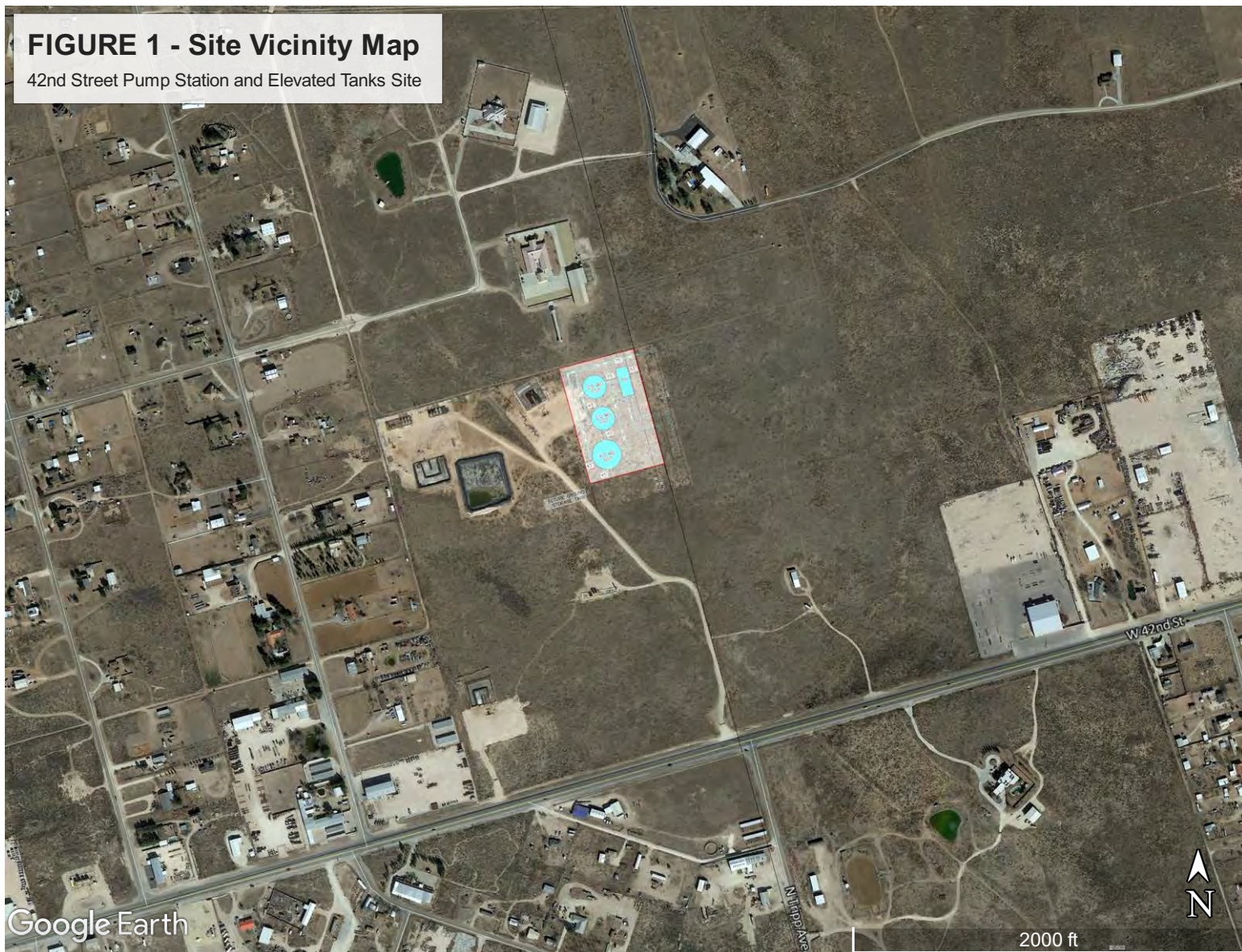







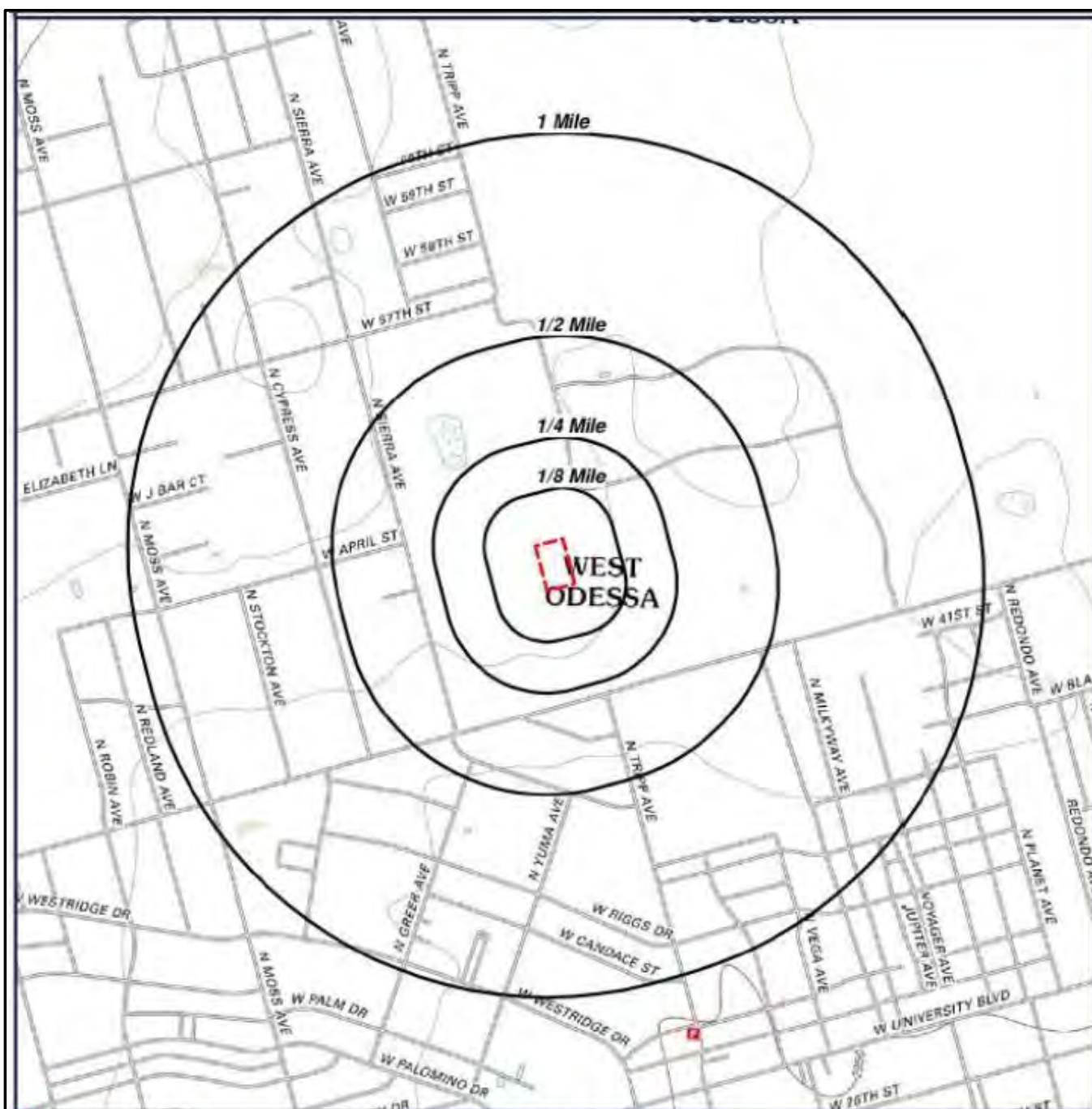
FIGURE 2

Map of Oil & Gas Wells and Buried Pipelines

Legend

-  20-in EPNG Gas Transmission Pipeline
-  4.5-in DCP Gas Gathering Line
-  ECUD 5-acre Tract
-  Oil & Gas Well
-  SWD Well





 Target Property (TP)

Quadrangle(s): Odessa Sw
Source: USGS, 12/20/2012
ECUD -42nd St
42nd St
Odessa, Texas
79764



0' 1000' 2000' 3000'
 SCALE 1" = 2000'



Ector County Utility District
 Phase 1 ESA - 42nd Street
 Pump Station & Elevated Tank Site
 Sec 9, Blk43, T2S, T&P RR Survey
 Ector County, Texas

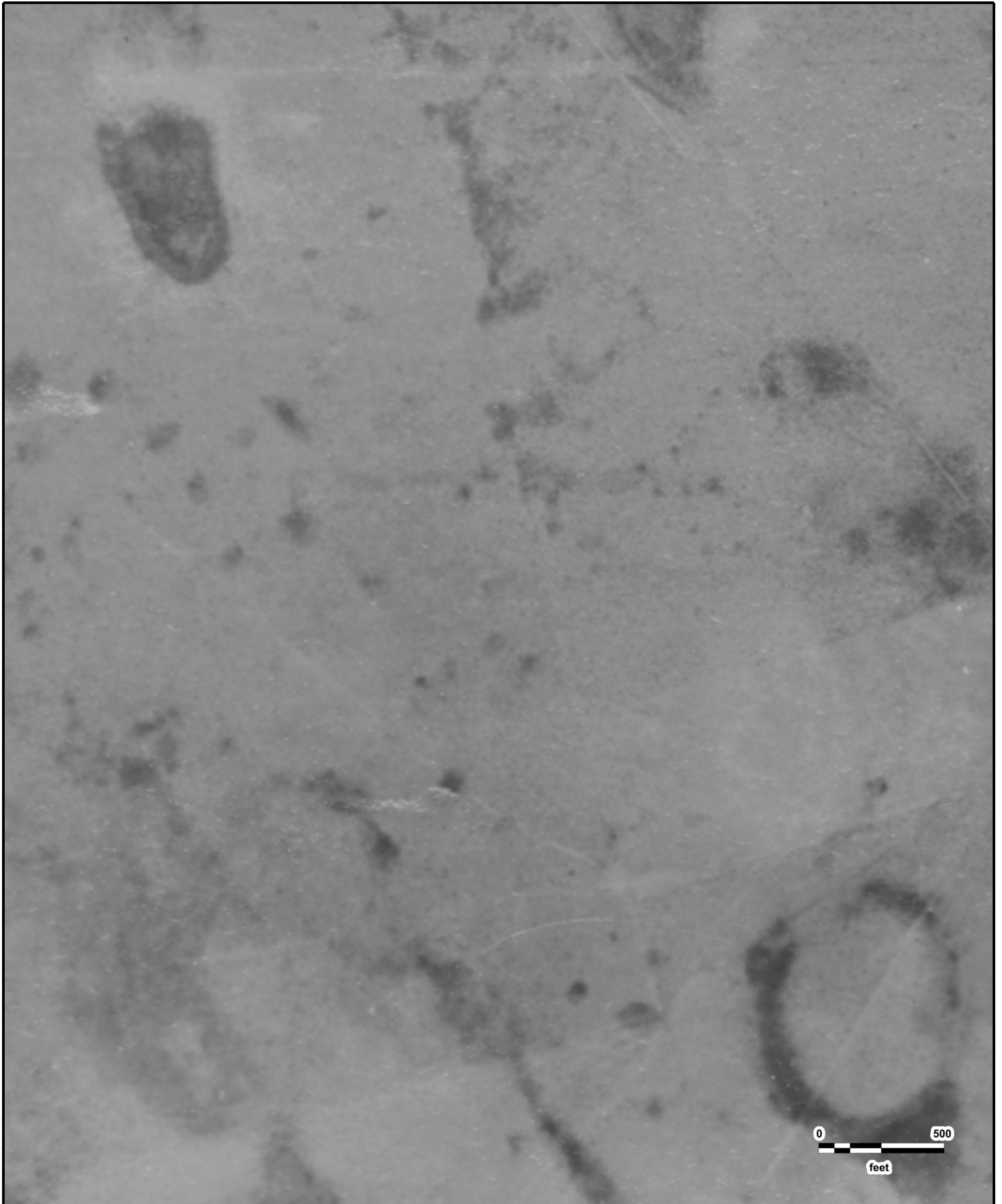
FIGURE 3
TOPOGRAPHIC MAP

HISTORICAL AERIAL PHOTOGRAPHS

Aerial Research Summary

<i>Date</i>	<i>Source</i>	<i>Scale</i>	<i>Frame</i>
2016	USDA	1" = 500'	N/A
2014	USDA	1" = 500'	N/A
2012	USDA	1" = 500'	N/A
2010	USDA	1" = 500'	N/A
2008	USDA	1" = 500'	N/A
2006	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
01/08/1996	USGS	1" = 500'	N/A
03/05/1986	TXDOT	1" = 500'	5-149
12/06/1982	TXDOT	1" = 500'	5-139
01/29/1974	USGS	1" = 500'	1-204
07/26/1963	USGS	1" = 500'	1-160
05/03/1954	AMS	1" = 500'	1784

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.



ECUD - 42nd St
AMS
05/03/1954

GeoSearch



ECUD - 42nd St
USGS
07/26/1963

GeoSearch



0 500
feet



ECUD - 42nd St
USGS
01/29/1974

GeoSearch



ECUD - 42nd St
TXDOT
12/06/1982

GeoSearch

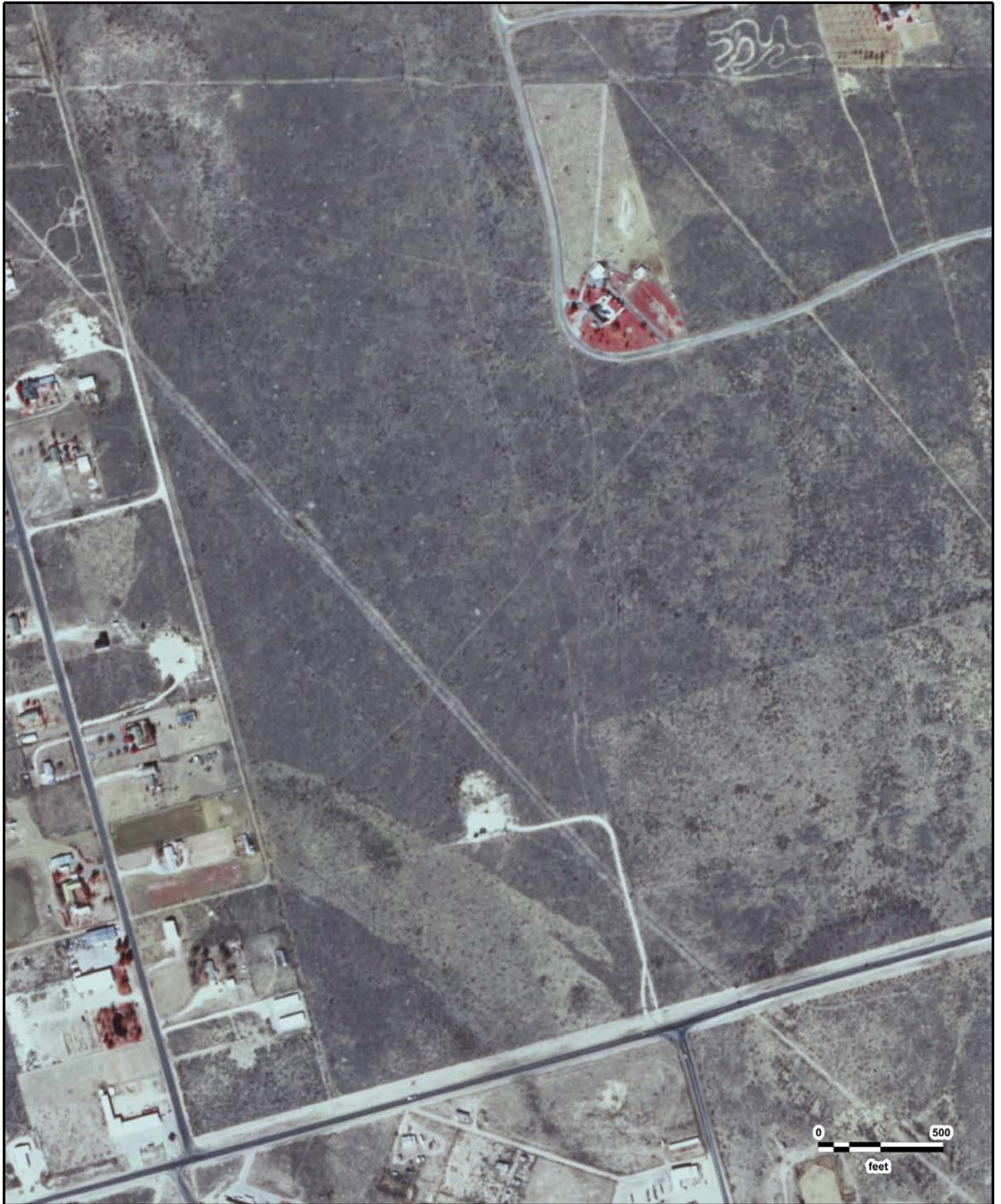


0 500
feet



ECUD - 42nd St
TXDOT
03/05/1986

GeoSearch



ECUD - 42nd St
USGS
01/08/1996

GeoSearch



ECUD - 42nd St
USDA
2004

GeoSearch



ECUD - 42nd St
USDA
2005

GeoSearch

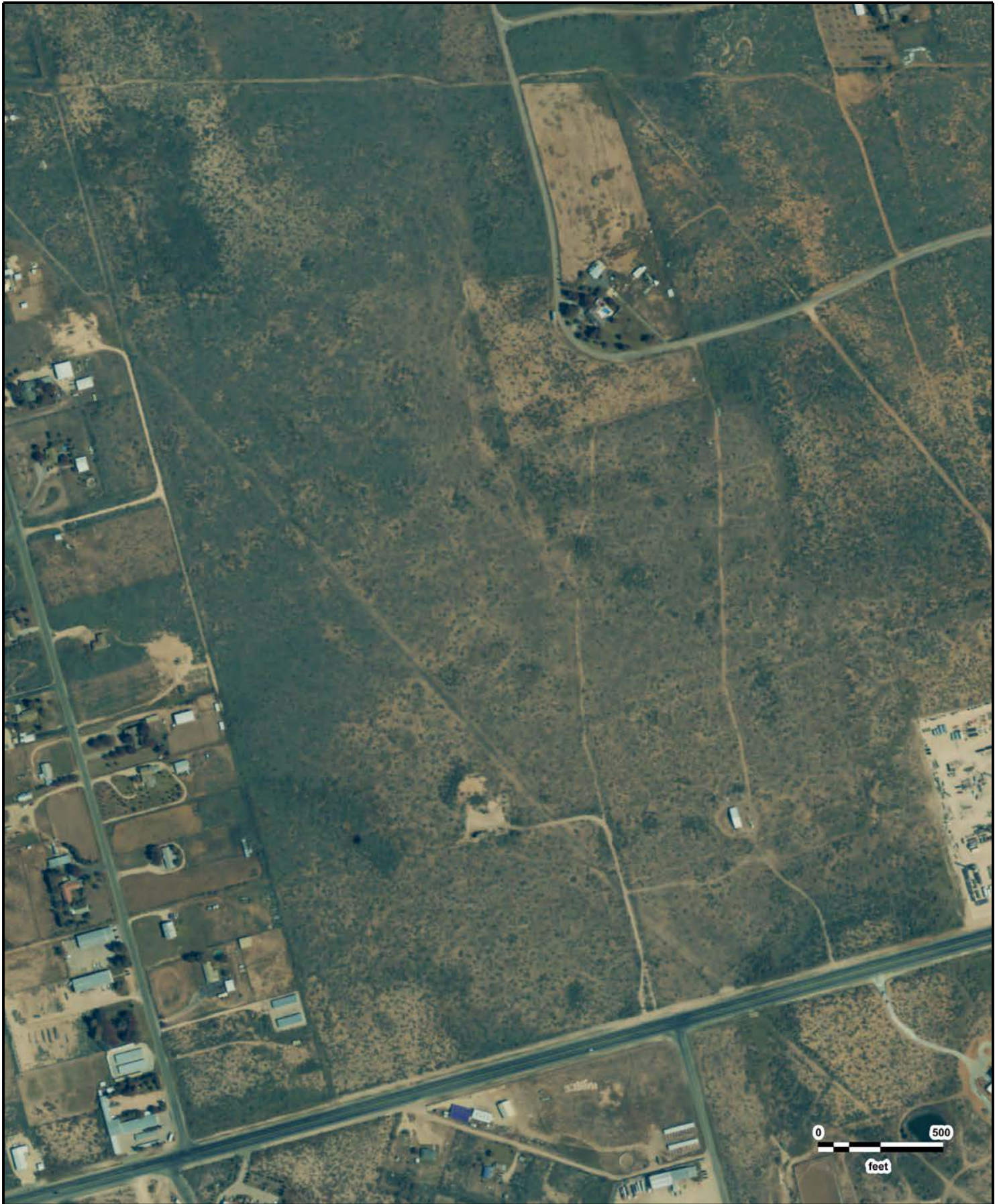


0 500
feet



ECUD - 42nd St
USDA
2006

GeoSearch



ECUD - 42nd St
USDA
2008

GeoSearch



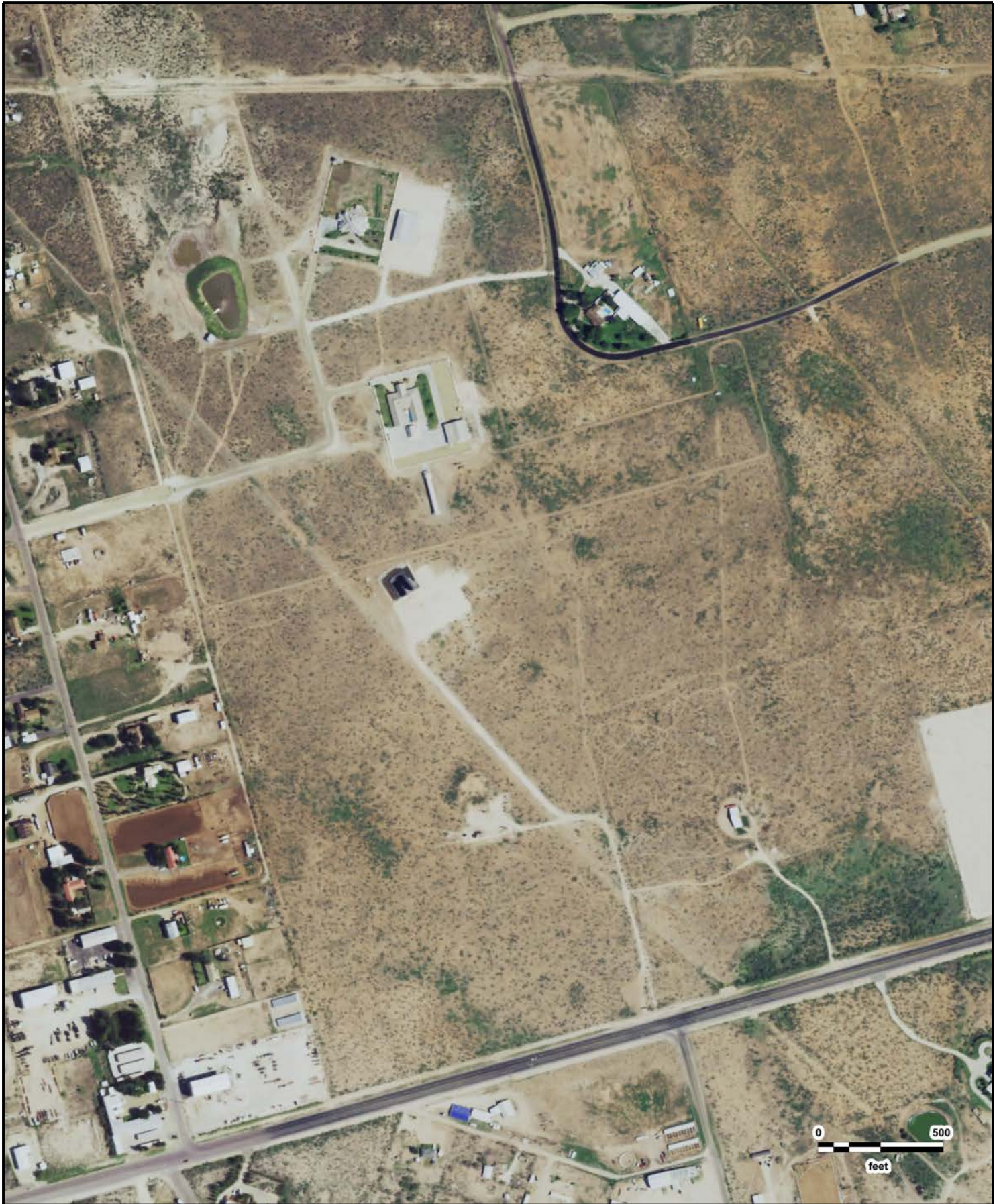
ECUD - 42nd St
USDA
2010

GeoSearch



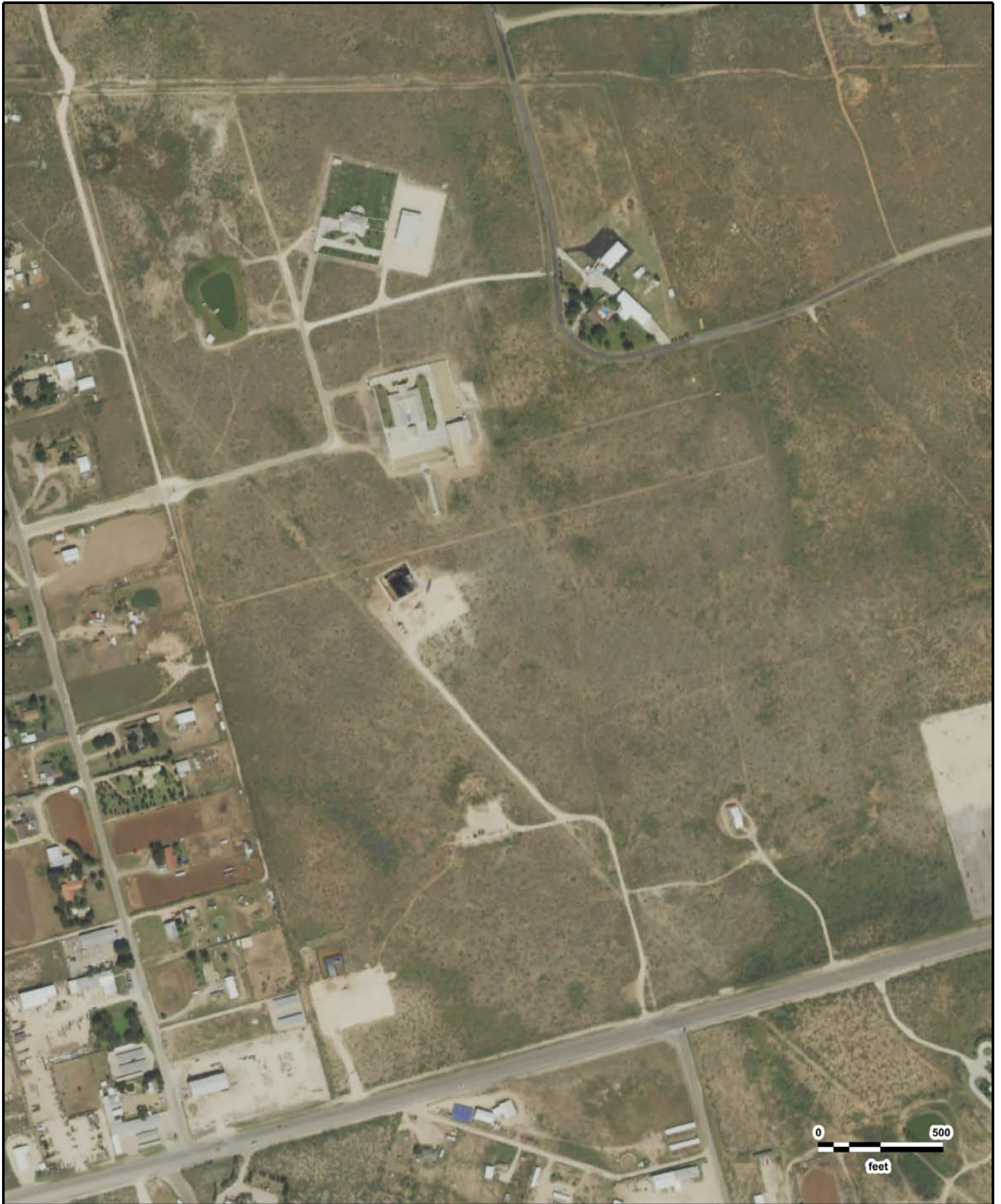
ECUD - 42nd St
USDA
2012

GeoSearch



ECUD - 42nd St
USDA
2014

GeoSearch



ECUD - 42nd St
USDA
2016

GeoSearch



Image Source:
GoogleEarth (January 19, 2018)

0 500
Feet



Ector County Utility District
Phase 1 ESA - 42nd Street
Pump Station & Elevated Tanks Site
Sec 9, Blk43, T2S, T&P RR Survey
Ector County, Texas

ECUD - 42nd St
USGS
01/19/2018

**SITE RECONNAISSANCE
PHOTOGRAPHS**



Photo #1: View facing NNW taken from south end of subject property in foreground and neighboring rural residential property in background.



Photo #2: View facing southeast showing south end of subject property in foreground and neighboring buildings in background.



Photo #3: View taken from subject property facing WSW showing Cowden Ranch '9' #1 oil well and tank battery operated by Rust Oil Corp.



Photo #4: View facing north showing drilling pit at Cowden Ranch '9' #1 oil well site (foreground) and Grisham residence in background.



Photo #5: View facing NW showing lease road along EPNG gas transmission pipeline easement and subject property in distance (upper right).



Photo #6: View facing east showing estimated location of 2008 oil spill in foreground located ~500 ft west of EF Cowden 'G' #1 facility in background.



Photo #7: View facing NW showing two tank batteries at Cowden 9 #1 and #2 oil well locations operated by Raptor Petroleum Development, LLC.



Photo #8: View facing north taken at gate on 42nd Street showing Cowden Ranch '9' #2 well site operated by Rust Oil Corporation.

Appendix A

GeoPlus Water Well Report

Database Radius Summary

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SDRD	0.5000	0	5	0	21	NS	NS	26
TCEQ	0.5000	0	0	0	0	NS	NS	0
TWDB	0.5000	0	0	0	0	NS	NS	0
WUD	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	5	0	21	0	0	26

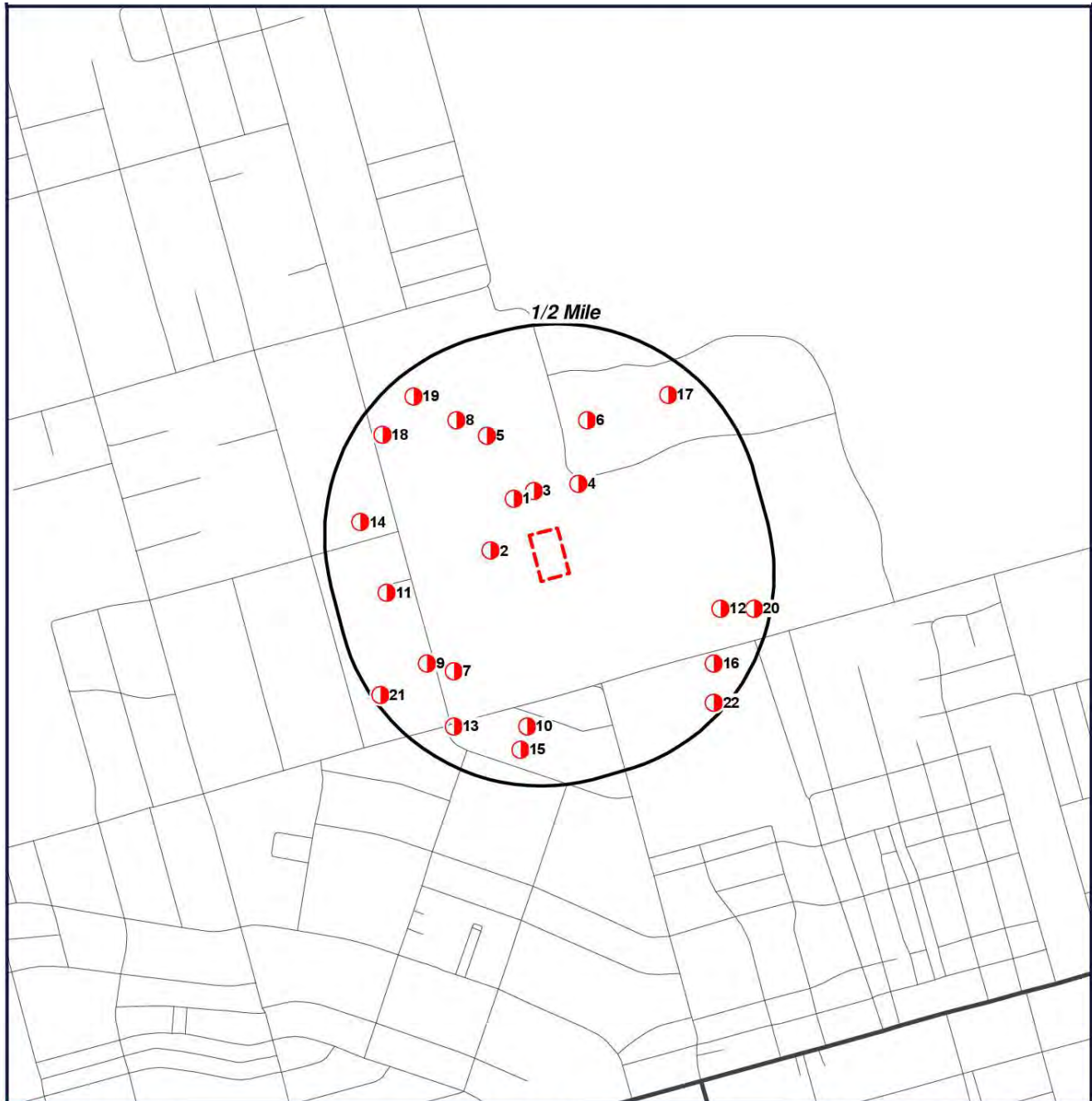
TOTAL		0	5	0	21	0	0	26
-------	--	---	---	---	----	---	---	----



NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Waterwell Map



 Target Property (TP)
 SDRD

**ECUD -42nd St
42nd St
Odessa, Texas
79764**

CONTOUR LINES REPRESENTED IN FEET



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	SDRD	TX205142	0.098 mi. NNW (517 ft.)	CHARLIE GRISHAM	SIERRA, ODESSA, TX 79764	7
2	SDRD	TX449148	0.099 mi. WSW (523 ft.)	RAPTOR PETROLEUM/ HADAWAY COWDEN	ODESSA, TX	8
3	SDRD	TX205144	0.104 mi. NNW (549 ft.)	CHARLIE GRISHAM	SIERRA, ODESSA, TX 79764	9
3	SDRD	TX260973	0.1 mi. NNW (528 ft.)	CHARLIE GRISHAM	9300 APRIL, ODESSA, TX 79764	10
4	SDRD	TX453260	0.122 mi. NNE (644 ft.)	ROGIO LUJAN	57TH & SIERRA, ECTOR, TX 79764	11
5	SDRD	TX196775	0.265 mi. NNW (1399 ft.)	CHARLIE GRISHAM	574 TRIPP, ODESSA, TX 79769	12
6	SDRD	TX54861	0.276 mi. NNE (1457 ft.)	BRAD FORRESTER	7610 W 42ND, ODESSA, TX 79768	13
7	SDRD	TX294499	0.305 mi. SW (1610 ft.)	BO DOUTHIT	4256 SIERRA, ODESSA, TX	14
8	SDRD	TX436357	0.334 mi. NW (1764 ft.)	JACQUELINE BAEZA	DOMINO LN., ODESSA, TX 79763	15
9	SDRD	TX19732	0.342 mi. WSW (1806 ft.)	TCEQ	4277 N. SIERRA, ODESSA, TX	16
9	SDRD	TX20518	0.342 mi. WSW (1806 ft.)	TCEQ	4277 N. SIERRA, ODESSA, TX 79763	17
9	SDRD	TX20520	0.342 mi. WSW (1806 ft.)	TCEQ	4277 N. SIERRA, ODESSA, TX 79763	18
10	SDRD	TX355765	0.355 mi. S (1874 ft.)	CHARLIE GRISHAM	SIERRA, ODESSA, TX	19
11	SDRD	TX242071	0.37 mi. WSW (1954 ft.)	JESSE MAHAN	4365 N. SIERRA, ODESSA, TX	20
12	SDRD	TX131132	0.381 mi. E (2012 ft.)	JOHN HOLDRIDGE	ODESSA, TX	21
13	SDRD	TX347296	0.412 mi. SW (2175 ft.)	BRAIN SHOEMAKER	4200 N. SIERRA, ODESSA, TX	22
14	SDRD	TX289248	0.413 mi. W (2181 ft.)	JUAN JIMENEZ	SIERRA & APRIL, ODESSA, TX	23
15	SDRD	TX385617	0.414 mi. S (2186 ft.)	JAIME ARMENDARIZ	3968 SIERRA AVE, ODESSA, TX	24
16	SDRD	TX286870	0.417 mi. ESE (2202 ft.)	PATRICK LEWIS	8405 W. 42ND, ODESSA, TX	25
17	SDRD	TX446751	0.426 mi. NE (2249 ft.)	LESILY GILL	7668 W. 42ND ST, ODESSA, TX 79764	26

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
18	SDRD	TX428755	0.434 mi. WNW (2292 ft.)	JOE LOVELL	4836 N SIERRA, ODESSA, TX 79764	27
19	SDRD	TX313316	0.442 mi. NW (2334 ft.)	BETTY GRUBB	CORNER OF SEWARD & GARRETT, ODESSA, TX	28
20	SDRD	TX226265	0.46 mi. E (2429 ft.)	LEROY LEFORD	8330 W. 42ND. STREET, ODESSA, TX	29
21	SDRD	TX350158	0.479 mi. WSW (2529 ft.)	SHAWN & SUMMER PERCIFIELD	4242 CYPRESS, TX	30
21	SDRD	TX366339	0.469 mi. WSW (2476 ft.)	GUILLERMO CARILLO	4264 N. CYPRESS, ODESSA, TX	31
22	SDRD	TX216505	0.475 mi. SE (2508 ft.)	PATRICK LEWIS	3881 A. TRIPP, ODESSA, TX	32

Submitted Drillers Report Database (SDRD)

[MAP ID# 1](#)

Distance from Property: 0.098 mi. (517 ft.) NNW

ID #: **TX205142**

TRACK #: **205142**

DATE ENTERED: **2010-01-19**

OWNER NAME: **CHARLIE GRISHAM**

OWNER ADDRESS: **P O BOX 69004**
ODESSA, TX 79769

COUNTY: **ECTOR**

LATITUDE: **31.866389000** LONGITUDE: **-102.488056000**

WELL LOG:

DRILLING DATE (STARTED): **2010-01-14**

DRILLING DATE (COMPLETED): **2010-01-15**

DEPTH DRILLED: **115'**

WATER LEVEL:

STATIC LEVEL: **90 FT.'**

WATER LEVEL DATE: **2010-01-15**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295**
ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 2](#)

Distance from Property: 0.099 mi. (523 ft.) WSW

ID #: **TX449148**

TRACK #: **449148**

DATE ENTERED: **2017-05-16**

OWNER NAME: **RAPTOR PETROLEUM/ HADAWAY COWDEN**

OWNER ADDRESS: **PO BOX 188
CANADIAN, TX 79014**

COUNTY: **ECTOR**

LATITUDE: **31.864550000** LONGITUDE: **-102.489017000**

WELL LOG:

DRILLING DATE (STARTED): **2017-03-30**

DRILLING DATE (COMPLETED): **2017-03-30**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 3](#)

Distance from Property: 0.104 mi. (549 ft.) NNW

ID #: **TX205144**

TRACK #: **205144**

DATE ENTERED: **2010-01-19**

OWNER NAME: **CHARLIE GRISHAM**

OWNER ADDRESS: **P O BOX 69004
ODESSA, TX 79769**

COUNTY: **ECTOR**

LATITUDE: **31.866667000** LONGITUDE: **-102.487222000**

WELL LOG:

DRILLING DATE (STARTED): **2010-01-15**

DRILLING DATE (COMPLETED): **2010-01-18**

DEPTH DRILLED: **109'**

WATER LEVEL:

STATIC LEVEL: **85 FT.'**

WATER LEVEL DATE: **2010-01-18**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 3](#)

Distance from Property: 0.1 mi. (528 ft.) NNW

ID #: **TX260973**

TRACK #: **260973**

DATE ENTERED: **2011-07-28**

OWNER NAME: **CHARLIE GRISHAM**

OWNER ADDRESS: **9300 APRIL
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.866667000** LONGITUDE: **-102.486945000**

WELL LOG:

DRILLING DATE (STARTED): **2011-07-28**

DRILLING DATE (COMPLETED): **2011-07-28**

DEPTH DRILLED: **115'**

WATER LEVEL:

STATIC LEVEL: **90 FT.'**

WATER LEVEL DATE: **2011-07-28**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P. O. BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 4](#)

Distance from Property: 0.122 mi. (644 ft.) NNE

ID #: **TX453260**

TRACK #: **453260**

DATE ENTERED: **2017-06-25**

OWNER NAME: **ROGIO LUJAN**

OWNER ADDRESS: **57TH & SIERRA
ECTOR, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.866917000** LONGITUDE: **-102.485358000**

WELL LOG:

DRILLING DATE (STARTED): **2017-06-05**

DRILLING DATE (COMPLETED): **2017-06-05**

DEPTH DRILLED: **115'**

WATER LEVEL:

STATIC LEVEL: **40 FT.'**

WATER LEVEL DATE: **2017-06-05**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 5](#)

Distance from Property: 0.265 mi. (1,399 ft.) NNW

ID #: **TX196775**

TRACK #: **196775**

DATE ENTERED: **2009-10-21**

OWNER NAME: **CHARLIE GRISHAM**

OWNER ADDRESS: **PO BOX 69004**
ODESSA, TX 79769

COUNTY: **ECTOR**

LATITUDE: **31.868611000** LONGITUDE: **-102.489167000**

WELL LOG:

DRILLING DATE (STARTED): **2009-10-14**

DRILLING DATE (COMPLETED): **2009-10-15**

DEPTH DRILLED: **115'**

WATER LEVEL:

STATIC LEVEL: **70 FT.'**

WATER LEVEL DATE: **2009-10-15**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **PO BOX 295**
ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 6](#)

Distance from Property: 0.276 mi. (1,457 ft.) NNE

ID #: **TX54861**

TRACK #: **54861**

DATE ENTERED: **2005-03-15**

OWNER NAME: **BRAD FORRESTER**

OWNER ADDRESS: **7610 W 42ND
ODESSA, TX 79768**

COUNTY: **ECTOR**

LATITUDE: **31.869167000** LONGITUDE: **-102.485000000**

WELL LOG:

DRILLING DATE (STARTED): **2005-03-14**

DRILLING DATE (COMPLETED): **2005-03-15**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

STOCK

COMPANY INFORMATION:

COMPANY NAME: **DUBOSE DRILLING INC**

COMPANY ADDRESS: **5407 N GOLDER
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 7](#)

Distance from Property: 0.305 mi. (1,610 ft.) SW

ID #: **TX294499**

TRACK #: **294499**

DATE ENTERED: **2012-08-03**

OWNER NAME: **BO DOUTHIT**

OWNER ADDRESS: **NOT REPORTED**

ECTOR, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.860278000** LONGITUDE: **-102.490556000**

WELL LOG:

DRILLING DATE (STARTED): **2012-07-16**

DRILLING DATE (COMPLETED): **2012-07-18**

DEPTH DRILLED: **107'**

WATER LEVEL:

STATIC LEVEL: **85 FT.'**

WATER LEVEL DATE: **2012-07-18**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **PO BOX 295**

ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 8](#)

Distance from Property: 0.334 mi. (1,764 ft.) NW

ID #: **TX436357**

TRACK #: **436357**

DATE ENTERED: **2016-11-03**

OWNER NAME: **JACQUELINE BAEZA**

OWNER ADDRESS: **DOMINO LN.
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.869167000** LONGITUDE: **-102.490444000**

WELL LOG:

DRILLING DATE (STARTED): **2016-11-02**

DRILLING DATE (COMPLETED): **2016-11-02**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **140 FT.'**

WATER LEVEL DATE: **2016-11-02**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 9](#)

Distance from Property: 0.342 mi. (1,806 ft.) WSW

ID #: **TX19732**

TRACK #: **19732**

DATE ENTERED: **2003-05-01**

OWNER NAME: **TCEQ**

OWNER ADDRESS: **12100 PARK 35 CIRCLE, BUILDING D
AUSTIN, TX 78753**

COUNTY: **ECTOR**

LATITUDE: **31.860556000** LONGITUDE: **-102.491667000**

WELL LOG:

DRILLING DATE (STARTED): **2003-04-01**

DRILLING DATE (COMPLETED): **2003-04-01**

DEPTH DRILLED: **80'**

WATER LEVEL:

STATIC LEVEL: **63 FT.'**

WATER LEVEL DATE: **2003-04-01**

TYPE OF WATER: **HYDROCARBON**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

MONITOR

COMPANY INFORMATION:

COMPANY NAME: **STRAUB CORPORATION**

COMPANY ADDRESS: **P.O. BOX 192
STANTON, TX 79782**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 9](#)

Distance from Property: 0.342 mi. (1,806 ft.) WSW

ID #: **TX20518**

TRACK #: **20518**

DATE ENTERED: **2003-05-20**

OWNER NAME: **TCEQ**

OWNER ADDRESS: **12100 PARK 25 CIRCLE, BUILDING D
AUSTIN, TX 78753**

COUNTY: **ECTOR**

LATITUDE: **31.860556000** LONGITUDE: **-102.491667000**

WELL LOG:

DRILLING DATE (STARTED): **2003-04-02**

DRILLING DATE (COMPLETED): **2003-04-02**

DEPTH DRILLED: **80'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

MONITOR

COMPANY INFORMATION:

COMPANY NAME: **STRAUB CORPORATION**

COMPANY ADDRESS: **P.O. BOX 192
STANTON, TX 79782**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 9](#)

Distance from Property: 0.342 mi. (1,806 ft.) WSW

ID #: **TX20520**

TRACK #: **20520**

DATE ENTERED: **2003-05-20**

OWNER NAME: **TCEQ**

OWNER ADDRESS: **12100 PARK 25 CIRCLE, BUILDING D
AUSTIN, TX 78753**

COUNTY: **ECTOR**

LATITUDE: **31.860556000** LONGITUDE: **-102.491667000**

WELL LOG:

DRILLING DATE (STARTED): **2003-04-07**

DRILLING DATE (COMPLETED): **2003-04-07**

DEPTH DRILLED: **80'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

MONITOR

COMPANY INFORMATION:

COMPANY NAME: **STRAUB CORPORATION**

COMPANY ADDRESS: **P.O. BOX 192
STANTON, TX 79782**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 10](#)

Distance from Property: 0.355 mi. (1,874 ft.) S

ID #: **TX355765**

TRACK #: **355765**

DATE ENTERED: **2014-03-04**

OWNER NAME: **CHARLIE GRISHAM**

OWNER ADDRESS: **SIERRA**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.858334000** LONGITUDE: **-102.487500000**

WELL LOG:

DRILLING DATE (STARTED): **2014-02-01**

DRILLING DATE (COMPLETED): **2014-02-01**

DEPTH DRILLED: **115'**

WATER LEVEL:

STATIC LEVEL: **100 FT.'**

WATER LEVEL DATE: **2014-02-01**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P.O. BOX 295**

ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 11](#)

Distance from Property: 0.37 mi. (1,954 ft.) WSW

ID #: **TX242071**

TRACK #: **242071**

DATE ENTERED: **2011-01-25**

OWNER NAME: **JESSE MAHAN**

OWNER ADDRESS: **4365 N. SIERRA**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.863056000**

LONGITUDE: **-102.493334000**

WELL LOG:

DRILLING DATE (STARTED): **2010-12-17**

DRILLING DATE (COMPLETED): **2010-12-17**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 12](#)

Distance from Property: 0.381 mi. (2,012 ft.) E

ID #: **TX131132**

TRACK #: **131132**

DATE ENTERED: **2008-01-08**

OWNER NAME: **JOHN HOLDRIDGE**

OWNER ADDRESS: **P.O. BOX 4202
ODESSA, TX 79760**

COUNTY: **ECTOR**

LATITUDE: **31.862501000** LONGITUDE: **-102.479444000**

WELL LOG:

DRILLING DATE (STARTED): **2007-12-20**

DRILLING DATE (COMPLETED): **2007-12-20**

DEPTH DRILLED: **115'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 13](#)

Distance from Property: 0.412 mi. (2,175 ft.) SW

ID #: **TX347296**

TRACK #: **347296**

DATE ENTERED: **2013-11-21**

OWNER NAME: **BRAIN SHOEMAKER**

OWNER ADDRESS: **4200 N. SIERRA**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.858334000**

LONGITUDE: **-102.490556000**

WELL LOG:

DRILLING DATE (STARTED): **2013-11-09**

DRILLING DATE (COMPLETED): **2013-11-09**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **60 FT.'**

WATER LEVEL DATE: **2013-11-09**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P.O. BOX 295**

ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 14](#)

Distance from Property: 0.413 mi. (2,181 ft.) W

ID #: **TX289248**

TRACK #: **289248**

DATE ENTERED: **2012-06-11**

OWNER NAME: **JUAN JIMENEZ**

OWNER ADDRESS: **2636 SAN FERNANDO DR.
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.865556000** LONGITUDE: **-102.494445000**

WELL LOG:

DRILLING DATE (STARTED): **2012-05-05**

DRILLING DATE (COMPLETED): **2012-05-05**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH STREET
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 15](#)

Distance from Property: 0.414 mi. (2,186 ft.) S

ID #: **TX385617**

TRACK #: **385617**

DATE ENTERED: **2015-01-14**

OWNER NAME: **JAIME ARMENDARIZ**

OWNER ADDRESS: **3948 SIERRA AVE**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.857501000**

LONGITUDE: **-102.487778000**

WELL LOG:

DRILLING DATE (STARTED): **2014-11-28**

DRILLING DATE (COMPLETED): **2014-11-28**

DEPTH DRILLED: **105'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 16](#)

Distance from Property: 0.417 mi. (2,202 ft.) ESE

ID #: **TX286870**

TRACK #: **286870**

DATE ENTERED: **2012-05-15**

OWNER NAME: **PATRICK LEWIS**

OWNER ADDRESS: **8405 W. 42ND**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.860556000** LONGITUDE: **-102.479722000**

WELL LOG:

DRILLING DATE (STARTED): **2012-04-16**

DRILLING DATE (COMPLETED): **2012-04-16**

DEPTH DRILLED: **105'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 17](#)

Distance from Property: 0.426 mi. (2,249 ft.) NE

ID #: **TX446751**

TRACK #: **446751**

DATE ENTERED: **2017-04-12**

OWNER NAME: **LESILY GILL**

OWNER ADDRESS: **7668 W. 42ND ST
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.870056000** LONGITUDE: **-102.481625000**

WELL LOG:

DRILLING DATE (STARTED): **2017-04-03**

DRILLING DATE (COMPLETED): **2017-04-07**

DEPTH DRILLED: **114'**

WATER LEVEL:

STATIC LEVEL: **75 FT.'**

WATER LEVEL DATE: **2017-04-07**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 18](#)

Distance from Property: 0.434 mi. (2,292 ft.) WNW

ID #: **TX428755**

TRACK #: **428755**

DATE ENTERED: **2016-08-08**

OWNER NAME: **JOE LOVELL**

OWNER ADDRESS: **4836 N SIERRA
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.868642000** LONGITUDE: **-102.493506000**

WELL LOG:

DRILLING DATE (STARTED): **2016-08-03**

DRILLING DATE (COMPLETED): **2016-08-03**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **2016-08-03**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 19](#)

Distance from Property: 0.442 mi. (2,334 ft.) NW

ID #: **TX313316**

TRACK #: **313316**

DATE ENTERED: **2013-03-13**

OWNER NAME: **BETTY GRUBB**

OWNER ADDRESS: **720 W. 38TH**

ODESSA, TX 79764

COUNTY: **ECTOR**

LATITUDE: **31.870000000**

LONGITUDE: **-102.49222000**

WELL LOG:

DRILLING DATE (STARTED): **2013-02-05**

DRILLING DATE (COMPLETED): **2013-02-05**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 20](#)

Distance from Property: 0.46 mi. (2,429 ft.) E

ID #: **TX226265**

TRACK #: **226265**

DATE ENTERED: **2010-08-11**

OWNER NAME: **LEROY LEFORD**

OWNER ADDRESS: **8338 W. 42ND. STREET**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.862501000**

LONGITUDE: **-102.478055000**

WELL LOG:

DRILLING DATE (STARTED): **2008-08-15**

DRILLING DATE (COMPLETED): **2008-08-15**

DEPTH DRILLED: **112'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 WEST 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 21](#)

Distance from Property: 0.479 mi. (2,529 ft.) WSW

ID #: **TX350158**

TRACK #: **350158**

DATE ENTERED: **2013-12-24**

OWNER NAME: **SHAWN & SUMMER PERCIFIELD**

OWNER ADDRESS: **4242 CYPRESS**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.859445000**

LONGITUDE: **-102.493611000**

WELL LOG:

DRILLING DATE (STARTED): **2013-11-14**

DRILLING DATE (COMPLETED): **2013-11-14**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 21](#)

Distance from Property: 0.469 mi. (2,476 ft.) WSW

ID #: **TX366339**

TRACK #: **366339**

DATE ENTERED: **2014-06-19**

OWNER NAME: **GUILLERMO CARILLO**

OWNER ADDRESS: **4264 N. CYPRESS**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.859723000**

LONGITUDE: **-102.493611000**

WELL LOG:

DRILLING DATE (STARTED): **2014-05-28**

DRILLING DATE (COMPLETED): **2014-05-28**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 22](#)

Distance from Property: 0.475 mi. (2,508 ft.) SE

ID #: **TX216505**

TRACK #: **216505**

DATE ENTERED: **2010-05-18**

OWNER NAME: **PATRICK LEWIS**

OWNER ADDRESS: **3881 A. TRIPP**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.859167000**

LONGITUDE: **-102.479722000**

WELL LOG:

DRILLING DATE (STARTED): **2006-11-16**

DRILLING DATE (COMPLETED): **2006-11-16**

DEPTH DRILLED: **109'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 WEST 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 12/14/16

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

Environmental Records Definitions - STATE (TX)

SDRD Submitted Drillers Report Database

VERSION DATE: 10/24/18

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (A cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 08/01/18

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Appendix B

Oil & Gas Well Information



Railroad Commission of Texas

Menu

Public Data Access

RRC OIL

Oil and Gas Data Query

Production Data

Wellbore

Injection Disposal Permit

Severance

P-4 Gatherer/Purchaser

Gas Proration

Oil Proration

Organization (P-5)

Inactive Well Aging Report

P-5 Renewal Status

Inactive Well

Orphan Well

Drilling Permit (W-1)

Help

User Guide

RRC Statewide Rules

Inspection

Location

Lease Number: 47568

Lease Name: COWDEN RANCH '9'

District: 08

County: ECTOR

API Number: 13543107

Drilling Permit Number:

Well Number: 1

API Number: 13543107

Field Number: 21287250

Field Name: COWDEN (CISCO)

Operator Name: RUST OIL CORP.

Operator Number: 737890

Inspection

Inspection Date: 2019-01-09

Complaint Number:

Violations

Rule Number: SWR 8(d)(4)(H)(i)

Rule Description: Pit Backfill Requirements

Major Violation Indicator: N

Re-Inspection Compliance: --

Violation Discovery Date: 2019-01-09

Last Enforcement Action Date: 2019-03-06

Last Enforcement Action: Notice of Violation

Compliant Rules

Rule Number: 16 TAC § 3.3(2) [SWR 3(2)]

Rule Description: Well Sign

Rule Number: 16 TAC § 3.8(d)(1) [SWR 8(d)(1)]

Rule Description: Unpermitted Disposal of Oil and Gas Wastes

Rule Number: 16 TAC § 3.8(d)(2) [SWR 8(d)(2)]



Railroad Commission of Texas

Menu

Public Data Access

RRC OIL

Oil and Gas Data Query

- Production Data
- Wellbore
- Injection Disposal Permit
- Severance
- P-4 Gatherer/Purchaser
- Gas Proration
- Oil Proration
- Organization (P-5)
- Inactive Well Aging Report
- P-5 Renewal Status
- Inactive Well
- Orphan Well
- Drilling Permit (W-1)

Help

- User Guide
- RRC Statewide Rules

Inspection

Location

Lease Number: 47568
Lease Name: COWDEN RANCH '9'
District: 08
County: ECTOR
API Number: 13543311
Drilling Permit Number:
Well Number: 2
API Number: 13543311
Field Number: 21287250
Field Name: COWDEN (CISCO)
Operator Name: RUST OIL CORP.
Operator Number: 737890

Inspection

Inspection Date: 2019-01-09
Complaint Number:

Violations

Rule Number: SWR 8(d)(4)(H)(i)
Rule Description: Pit Backfill Requirements
Major Violation Indicator: N
Re-Inspection Compliance: --
Violation Discovery Date: 2019-01-09
Last Enforcement Action Date: 2019-03-06
Last Enforcement Action: Notice of Violation

Compliant Rules

Rule Number: 16 TAC § 3.3(2) [SWR 3(2)]
Rule Description: Well Sign

Rule Number: 16 TAC § 3.9(1) [SWR 9(1)]
Rule Description: Permit Required for Disposal Well

Rule Number: 16 TAC § 3.13(a)(6)(A) [SWR 13(a)(6)(A)]
Rule Description: Surface Control of Well

Rule Number: 16 TAC § 3.14(b)(2) [SWR 14(b)(2)]
Rule Description: Inactive Unplugged Well

Rule Number: 16 TAC § 3.17(a) [SWR 17(a)]
Rule Description: Bradenhead Requirements

Rule Number: 16 TAC § 3.73(i) [SWR 73(i)]
Rule Description: Producing, Injecting, Disposing Under Severance

Database Radius Summary

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OGWELLS	0.5000	0	2	4	7	NS	NS	13

SUB-TOTAL		0	2	4	7	0	0	13
-----------	--	---	---	---	---	---	---	----

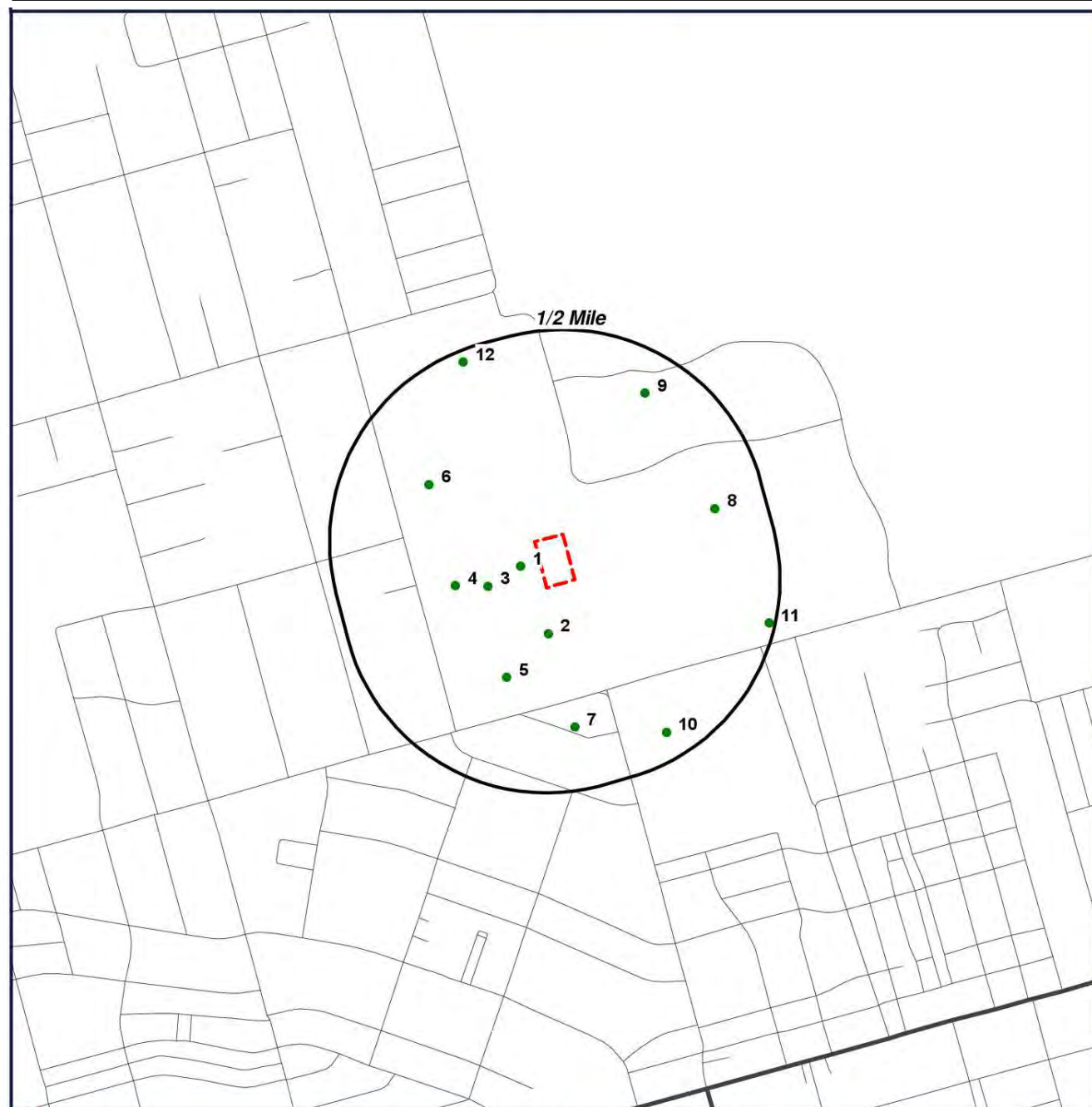
TOTAL		0	2	4	7	0	0	13
-------	--	---	---	---	---	---	---	----



NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL & GAS WELL MAP



-  Target Property (TP)
-  Surface Location

**ECUD -42nd St
42nd St
Odessa, Texas
79764**



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address
1	OGWELLS	1293565	0.043 mi. WSW (227 ft.)		
2	OGWELLS	408790	0.093 mi. S (491 ft.)		
3	OGWELLS	1329650	0.133 mi. WSW (702 ft.)		
3	OGWELLS	1332343	0.147 mi. WSW (776 ft.)		
4	OGWELLS	408793	0.21 mi. WSW (1109 ft.)		
5	OGWELLS	1307820	0.222 mi. SSW (1172 ft.)		
6	OGWELLS	408791	0.302 mi. WNW (1595 ft.)		
7	OGWELLS	408794	0.329 mi. SSE (1737 ft.)		
8	OGWELLS	409227	0.38 mi. ENE (2006 ft.)		
9	OGWELLS	1192763	0.415 mi. NNE (2191 ft.)		
10	OGWELLS	409377	0.419 mi. SE (2212 ft.)		
11	OGWELLS	409229	0.481 mi. E (2540 ft.)		
12	OGWELLS	1317184	0.488 mi. NNW (2577 ft.)		

Oil & Gas Well Report

MAP ID	SURFACE ID	API #	WELL TYPE	LATITUDE	LONGITUDE
1	1293565	13543107	OIL WELL	31.864465460	-102.488012370
2	408790	13532776	OIL WELL	31.862096660	-102.486863210
3	1329650	13543496	HORIZONTAL DRAINHOLE	31.863754000	-102.489375000
3	1332343	13543511	INJECTION/DISPOSAL WELL	31.863937130	-102.489666890
4	408793	13533064	PERMITTED LOCATION	31.863781060	-102.490729120
5	1307820	13543311	OIL WELL	31.860550010	-102.488585630
6	408791	13533075	OIL WELL	31.867358500	-102.491819900
7	408794	13502841	PLUGGED OIL WELL	31.858779510	-102.485781740
8	409227	135	PLUGGED OIL WELL	31.866499350	-102.479934420
9	1192763	13539805	PERMITTED LOCATION	31.870579550	-102.482844240
10	409377	13503280	PLUGGED OIL WELL	31.858604850	-102.481962660
11	409229	135	PLUGGED OIL WELL	31.862451930	-102.477715520
12	1317184	13543398	OIL WELL	31.871669440	-102.490394440

Environmental Records Definitions - STATE (TX)

OGWELLS

Oil and Gas Wells

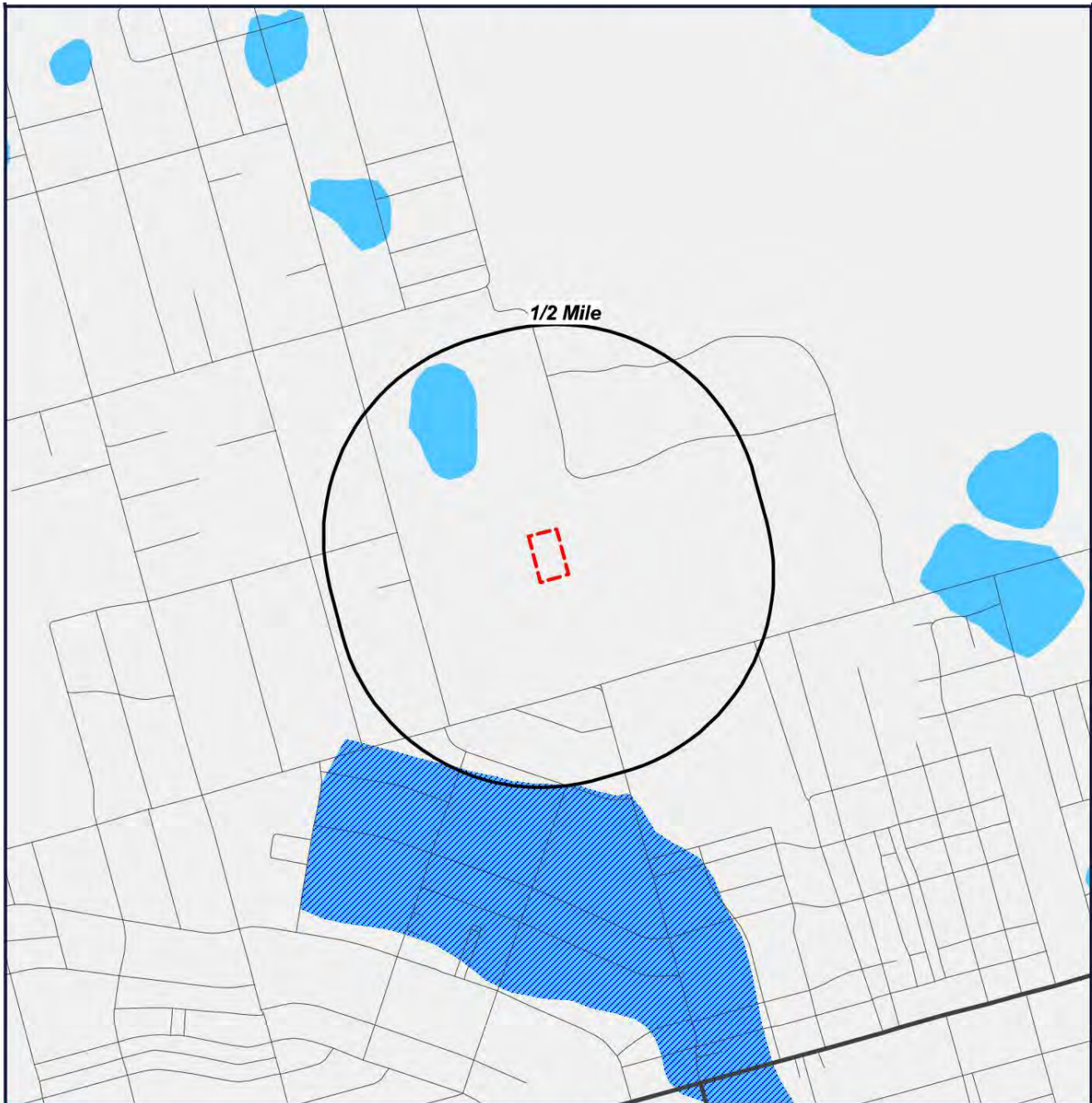
VERSION DATE: 09/27/18

This oil and gas well data set is provided by the Geographic Information System of the Railroad Commission of Texas (the Commission). The data set includes oil and gas well records dating back to the early 1960's, some wells prior to the 1960's are also included with no API and/or a historical API number in place. The Commission shall not be held liable for use of this data, which is provided as a public service for informational purposes only. Users are responsible for checking the accuracy, completeness, currency, and/or suitability of this data set themselves.

Appendix C

GeoPlus Physical Setting Maps

FEMA Map



Target Property (TP)

**ECUD -42nd St
42nd St
Odessa, Texas
79764**

Letter of map revision date: 06/11/2018
Latest study effective date: 02/16/2018
Panel #: 48135C0330E

	ZONE A		ZONE D
	ZONE AE		ZONE X
	ZONE AH		AREA NOT INCLUDED
	ZONE A0		OPEN WATER
	ZONE AR		NDA - DIGITAL DATA NOT AVAILABLE
	ZONE V		
	ZONE VE		



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

FEMA Report

FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information. This data was provided by the Federal Emergency Management Agency's Map Service Center in November of 2013.

FEMA Flood Zone Definitions within Search Radius

A	Zone A
----------	---------------

Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.

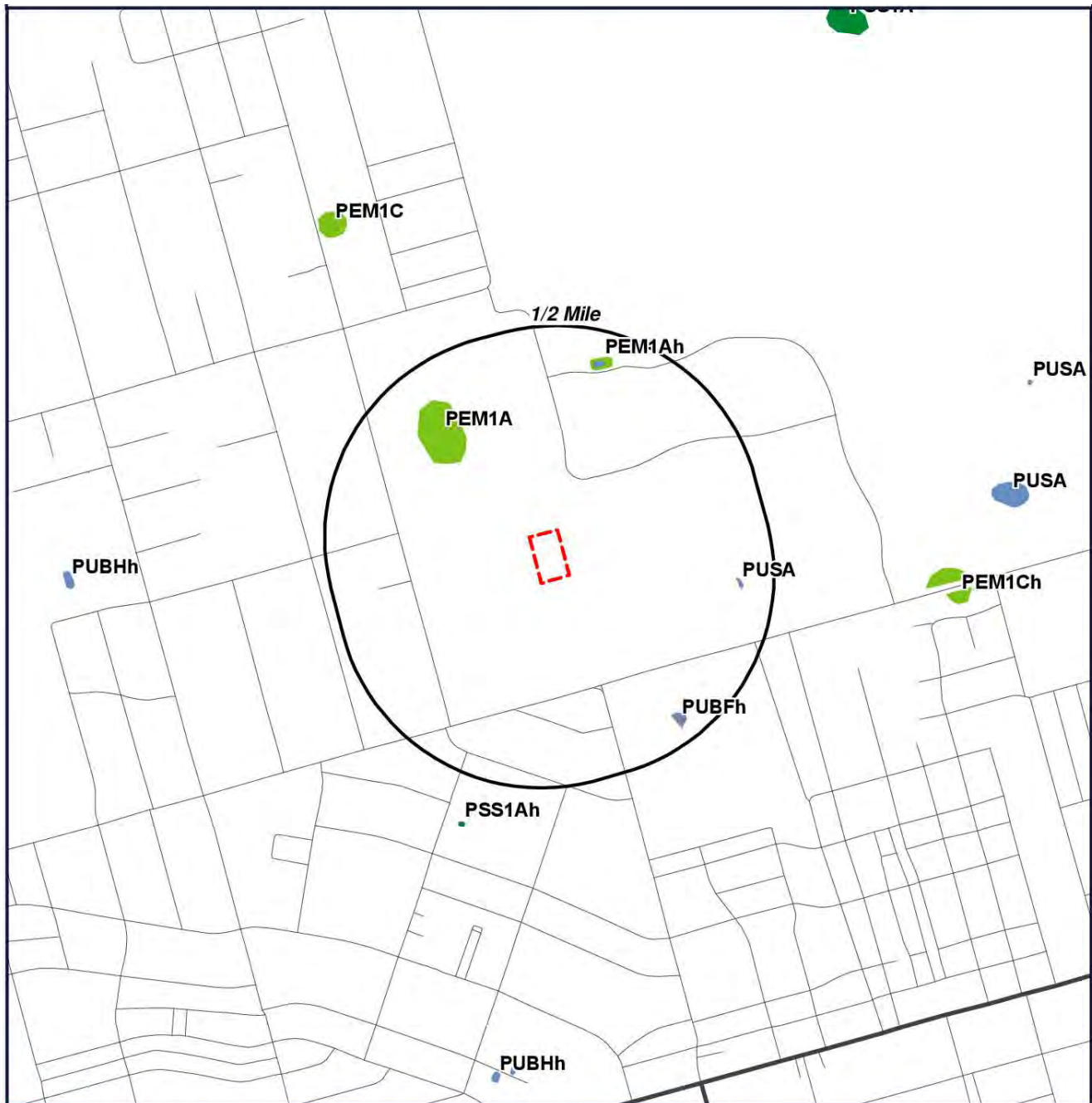
AE	Zone AE
-----------	----------------

Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)

X	Zone X
----------	---------------

An area that is determined to be outside the 100 and 500 year floodplains.

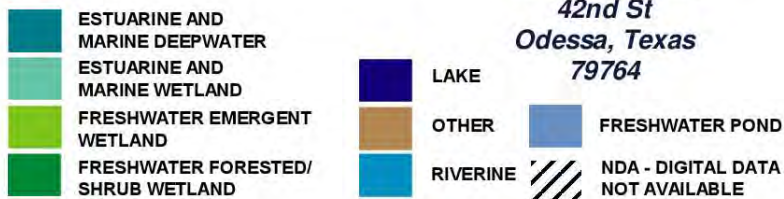
NWI Map



 Target Property (TP)

**ECUD -42nd St
42nd St
Odessa, Texas
79764**

Map Date: 05/01/2018



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

NWI Report

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions within Search Radius

PEM1A

SYSTEM: **PALUSTRINE**
CLASS: **EMERGENT**
SUBCLASS: **BROAD-LEAVED DECIDUOUS**
WATER REGIME: **TEMPORARILY FLOODED**

PEM1Ah

SYSTEM: **PALUSTRINE**
CLASS: **EMERGENT**
SUBCLASS: **BROAD-LEAVED DECIDUOUS**
WATER REGIME: **TEMPORARILY FLOODED**
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

PUBFh

SYSTEM: **PALUSTRINE**
CLASS: **UNCONSOLIDATED BOTTOM**
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

PUBHh

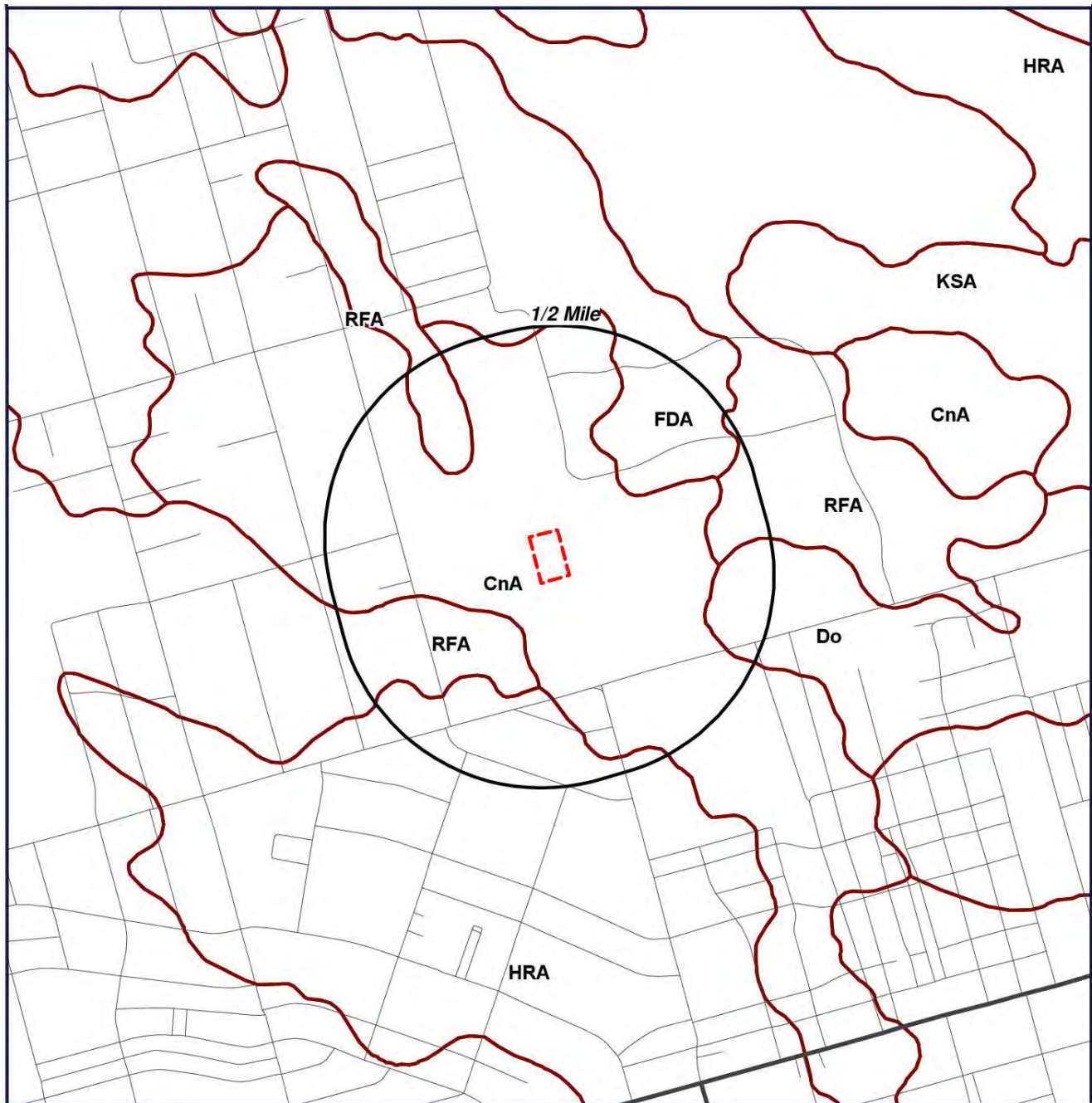
SYSTEM: **PALUSTRINE**
CLASS: **UNCONSOLIDATED BOTTOM**
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

PUSA

SYSTEM: **PALUSTRINE**
CLASS: **UNCONSOLIDATED SHORE**


Texas - DIGITAL DATA NOT AVAILABLE

Soil Map



 Target Property (TP)

 SOIL BOUNDARY

 NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

**ECUD -42nd St
42nd St
Odessa, Texas
79764**



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

SOIL Report

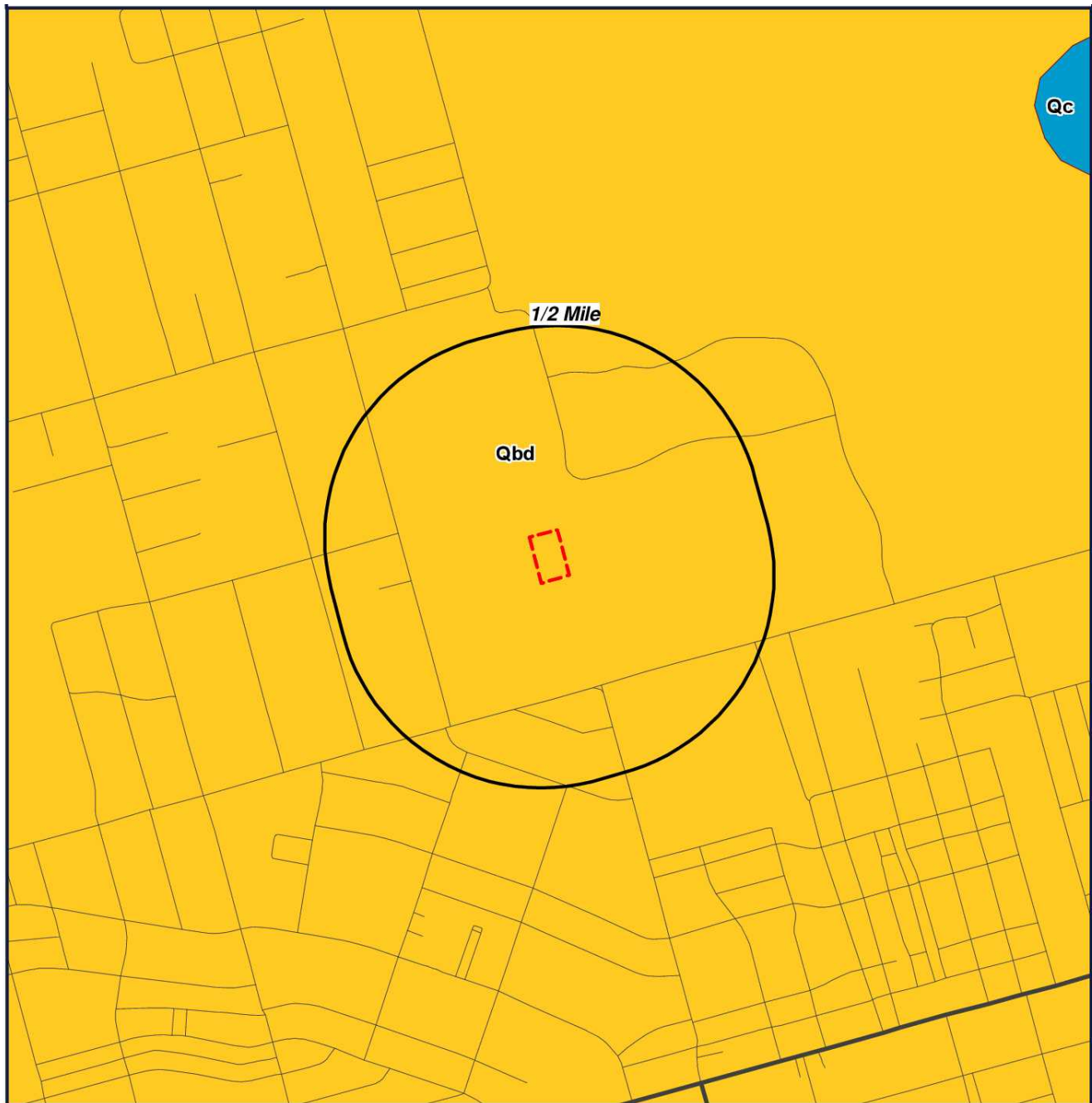
Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

SOIL Code Definitions within Search Radius

CnA	Conger loam, 0 to 2 percent slopes
Do	Douro-Urban land complex
FDA	Faskin-Douro association, nearly level
HRA	Holloman-Reeves association, nearly level
RFA	Ratliff association, nearly level

Geology Map



 Target Property (TP)

**ECUD -42nd St
42nd St
Odessa, Texas
79764**



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

GEOLOGY Report

US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **Qbd**

UNIT NAME: **Blackwater Draw Formation**

UNIT AGE: **Phanerozoic | Cenozoic | Quaternary | Pleistocene**

UNIT DESCRIPTION:

Blackwater Draw Formation

ADDITIONAL UNIT INFORMATION:

Sand, fine- to medium-grained quartz, silty, calcareous, locally clayey, caliche nodules, massive, grayish red; distinct soil profile; thickness as much as 25 ft. feathers out locally.

ROCKTYPE/S: **sand; silt; clay or mud**

Appendix D

Soil Survey



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Ector and Crane Counties, Texas

**42nd Street - Pump Station and
Elevated Tanks**



March 18, 2019

Custom Soil Resource Report Soil Map



Ector and Crane Counties, Texas

CnA—Conger loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 1yyk

Elevation: 1,500 to 3,600 feet

Mean annual precipitation: 10 to 17 inches

Mean annual air temperature: 63 to 68 degrees F

Frost-free period: 210 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Conger and similar soils: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Conger

Setting

Landform: Interfluves, ridges

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Linear, convex

Parent material: Calcareous loamy eolian deposits over indurated

Typical profile

H1 - 0 to 16 inches: loam

H2 - 16 to 32 inches: cemented material

H3 - 32 to 60 inches: gravelly loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: 8 to 20 inches to petrocalcic

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 70 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Very low (about 2.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: D

Ecological site: Shallow 12-17" PZ (R077DY048TX)

Hydric soil rating: No

Custom Soil Resource Report

HRA—Holloman-Reeves association, nearly level

Map Unit Setting

National map unit symbol: 1yyq
Elevation: 2,500 to 5,300 feet
Mean annual precipitation: 9 to 15 inches
Mean annual air temperature: 57 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Holloman and similar soils: 55 percent
Reeves and similar soils: 25 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Holloman

Setting

Landform: Knolls
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 40 inches: gypsiferous material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 2 to 20 inches to paralithic bedrock
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 20 percent
Gypsum, maximum in profile: 50 percent
Salinity, maximum in profile: Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 3.0
Available water storage in profile: Very low (about 0.7 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: Gyp, Desert Grassland (R042XC246TX)

Custom Soil Resource Report

Hydric soil rating: No

Description of Reeves

Setting

Landform: Basin floors

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous loamy alluvium derived from gypsum

Typical profile

H1 - 0 to 9 inches: loam

H2 - 9 to 27 inches: loam

H3 - 27 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 25 percent

Gypsum, maximum in profile: 80 percent

Salinity, maximum in profile: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: Loamy, Desert Grassland (R042XC250TX)

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 20 percent

Hydric soil rating: No

RFA—Ratliff association, nearly level

Map Unit Setting

National map unit symbol: 1yz4

Elevation: 2,500 to 3,400 feet

Mean annual precipitation: 13 to 17 inches

Custom Soil Resource Report

Mean annual air temperature: 63 to 70 degrees F

Frost-free period: 210 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Ratliff and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ratliff

Setting

Landform: Plains

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 24 inches: clay loam

H3 - 24 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 50 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: Sandy Loam 12-17" PZ (R077DY047TX)

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 7 percent

Hydric soil rating: No

Unnamed, hydric

Percent of map unit: 3 percent

Landform: Depressions

Hydric soil rating: Yes

Appendix E

Environmental Regulatory Record Search

GeoSearch Radius Report

TCEQ Central Registry Query Results

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

Detail of: **Leaking Petroleum Storage Tanks**

Remediation ID Number: **113154**

For: **Kuykendall Wire Line (RN101890622)**

4301 N Sierra Ave, Odessa

ID Number Status: **Inactive**

Responsible Parties: **Kuykendall Wire Line (CN601031818)** Since 08/31/1987

Mailing Address: PO BOX 11209 ODESSA, TX 79760 -8209

Legal	Description	Start Date	End Date	Type	Status	Status Date
113154	LEAKING PETROLEUM STORAGE TANK	04/30/1998	10/18/2013	CLEANUP	INACTIVE	10/18/2013

Detail of: **Leaking Petroleum Storage Tanks**

Remediation ID Number: **95251**

For: **Big Johns Groceries 3 242 (RN102389418)**

10100 W 42nd Street, Odessa

ID Number Status: **Inactive**

Responsible Parties: **Southwest Energy (CN604411751)**

Mailing Address: Not on file

Legal	Description	Start Date	End Date	Type	Status	Status Date
95251	LEAKING PETROLEUM STORAGE TANK	04/18/1990	04/11/1990	CLEANUP	INACTIVE	04/11/1990



Radius Report

[NEW: GeoLens by Geosearch](#)

Target Property:

ECUD - 42nd St

42nd St

Odessa, Ector County, Texas 79764

Prepared For:

Trident Environmental

Order #: 119033

Job #: 270609

Project #: V-276

Date: 12/13/2018

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Summary</i>	2
<i>Database Radius Summary</i>	7
<i>Radius Map</i>	11
<i>Ortho Map</i>	13
<i>Topographic Map</i>	14
<i>Located Sites Summary</i>	14
<i>Elevation Summary</i>	17
<i>Unlocated Sites Summary</i>	20
<i>Environmental Records Definitions</i>	22
<i>Unlocatable Report</i>	See Attachment
<i>Zip Report</i>	See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR 312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR 312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

ECUD - 42nd St
42nd St
Odessa, Texas 79764

Coordinates

Area centroid (-102.48660, 31.8643887)
2,977 feet above sea level

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79764

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR06	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR06	0	0	0.1250
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR06	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FACILITY REGISTRY SYSTEM	FRSTX	0	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESRO6	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

STATE (TX) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	TP/AP
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	0	0	0.2500
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALE	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	2	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
INDUSTRIAL AND HAZARDOUS WASTE CORRECTIVE ACTION SITES	IHWCA	0	0	1.0000
STATE SUPERFUND SITES	SF	0	0	1.0000
SUB-TOTAL		2	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
GROUNDWATER CONTAMINATION CASES	GWCC	0	0	TP/AP
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	TP/AP
LAND APPLICATION PERMITS	LANDAPP	0	0	TP/AP
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	TP/AP
NOTICE OF VIOLATIONS	NOV	0	0	TP/AP
SPIILLS LISTING	SPIILLS	0	0	TP/AP
TCEQ LIENS	LIENS	0	0	TP/AP
TIER I I CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	0	0	TP/AP
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	0	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
DRY CLEANER REMEDIATION PROGRAM SITES	DCRPS	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IOP	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
SALT CAVERNS FOR PETROLEUM STORAGE	STCV	0	0	0.5000

Database Summary

SUB-TOTAL		0	0	
-----------	--	---	---	--

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000

SUB-TOTAL		0	0	
-----------	--	---	---	--

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000

SUB-TOTAL		0	0	
-----------	--	---	---	--

TOTAL		2	0	
-------	--	---	---	--

Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ECHOR06	0.0200	0	NS	NS	NS	NS	NS	0
ERNSTX	0.0200	0	NS	NS	NS	NS	NS	0
FRSTX	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR06	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR06	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR06	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR06	0.1250	0	0	NS	NS	NS	NS	0
RCRANGR06	0.1250	0	0	NS	NS	NS	NS	0
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
DNPL	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SEMS	0.5000	0	0	0	0	NS	NS	0
SEMSARCH	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
GWCC	0.0200	0	NS	NS	NS	NS	NS	0
HISTGWCC	0.0200	0	NS	NS	NS	NS	NS	0
LANDAPP	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MSD	0.0200	0	NS	NS	NS	NS	NS	0
NOV	0.0200	0	NS	NS	NS	NS	NS	0
SIEC01	0.0200	0	NS	NS	NS	NS	NS	0
SPILLS	0.0200	0	NS	NS	NS	NS	NS	0
TIERII	0.0200	0	NS	NS	NS	NS	NS	0
DCR	0.2500	0	0	0	NS	NS	NS	0
IHW	0.2500	0	0	0	NS	NS	NS	0
PIHW	0.2500	0	0	0	NS	NS	NS	0
PST	0.2500	0	0	0	NS	NS	NS	0
APAR	0.5000	0	0	0	0	NS	NS	0
BSA	0.5000	0	0	0	0	NS	NS	0
CALF	0.5000	0	0	0	0	NS	NS	0
DCRPS	0.5000	0	0	0	0	NS	NS	0
IOP	0.5000	0	0	0	0	NS	NS	0
LPST	0.5000	0	0	0	2	NS	NS	2
MSWLF	0.5000	0	0	0	0	NS	NS	0
RRCVCP	0.5000	0	0	0	0	NS	NS	0
RWS	0.5000	0	0	0	0	NS	NS	0
STCV	0.5000	0	0	0	0	NS	NS	0
VCP	0.5000	0	0	0	0	NS	NS	0
WMRF	0.5000	0	0	0	0	NS	NS	0
IHWCA	1.0000	0	0	0	0	0	NS	0
SF	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	2	0	0	2

Database Radius Summary

TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR06	0.2500	0	0	0	NS	NS	NS	0
LUSTR06	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

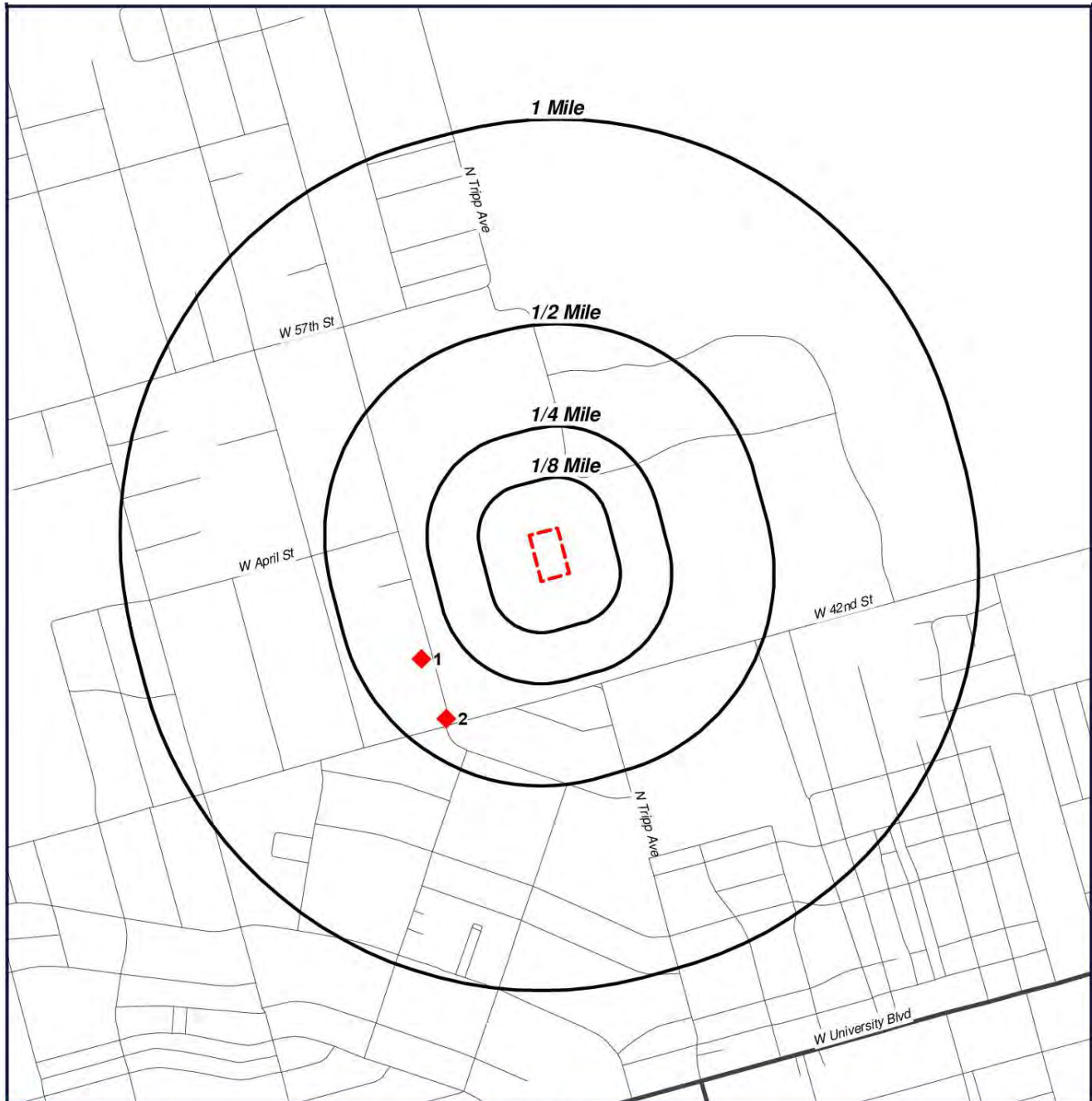
TOTAL		0	0	0	2	0	0	2
--------------	--	----------	----------	----------	----------	----------	----------	----------



NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



 Target Property (TP)
 LPST

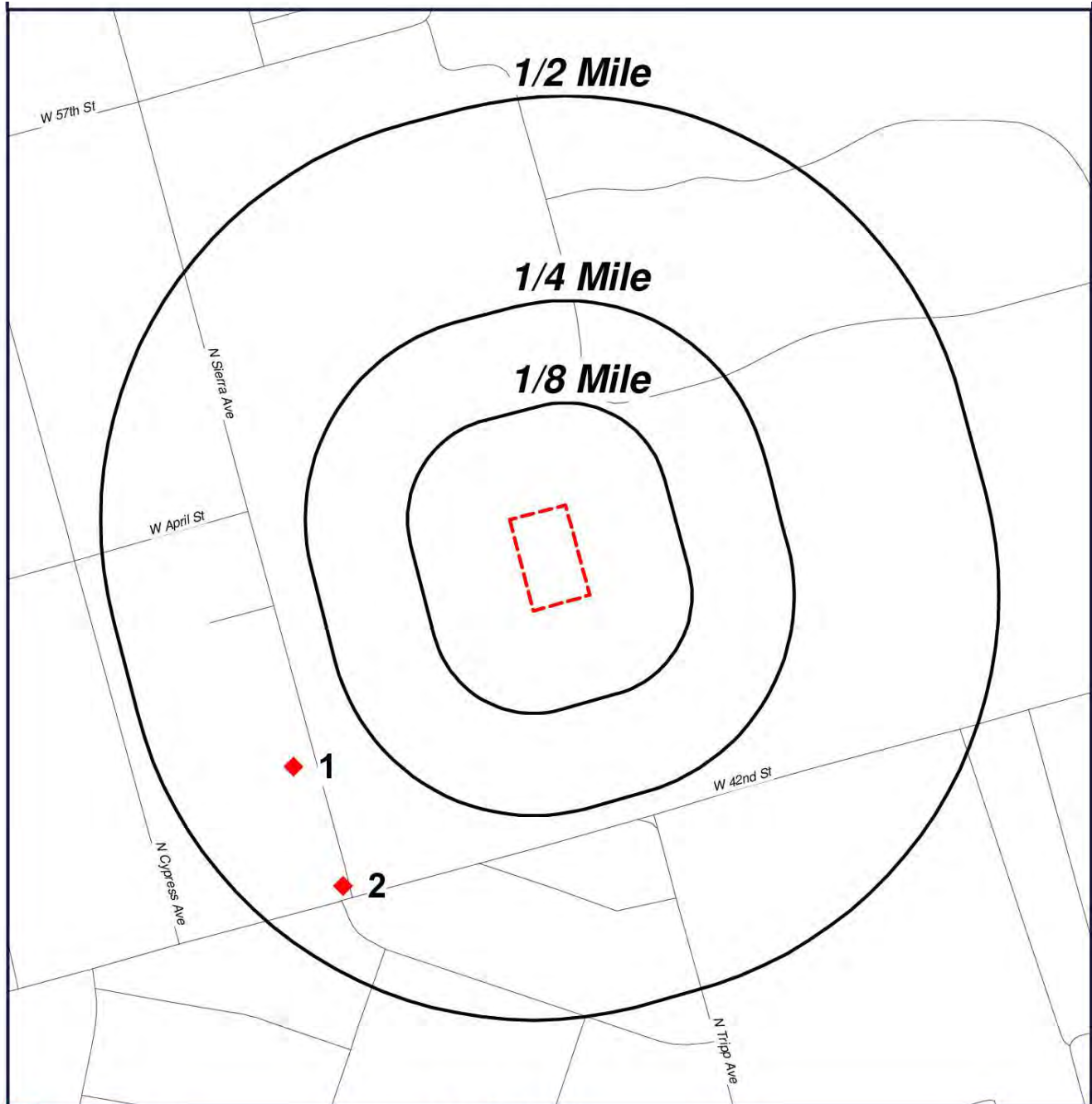
ECUD -42nd St
42nd St
Odessa, Texas
79764





0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Radius Map 2



 Target Property (TP)
 LPST

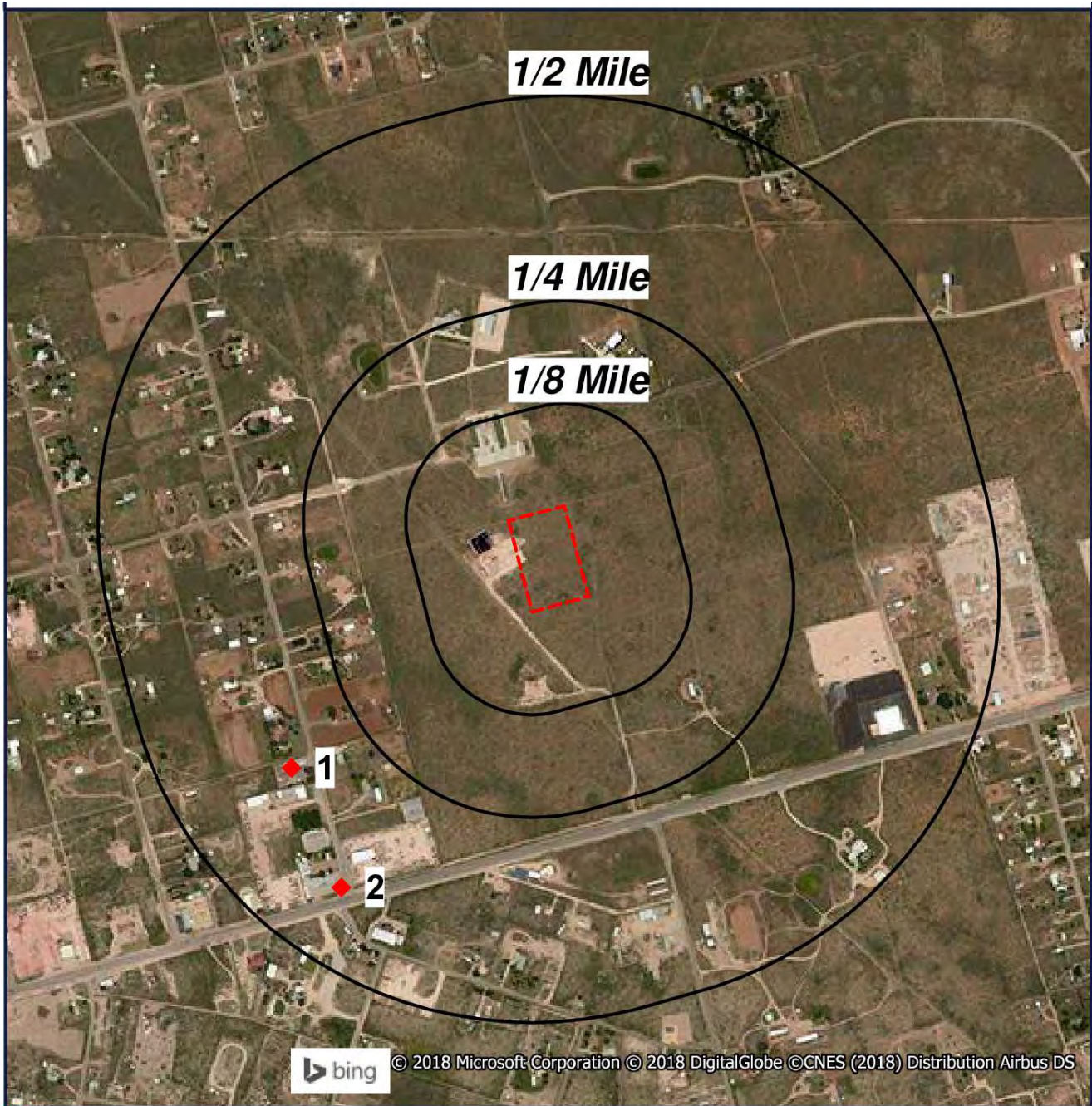
**ECUD -42nd St
42nd St
Odessa, Texas
79764**



0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view](#)

Ortho Map



Target Property (TP)
 LPST

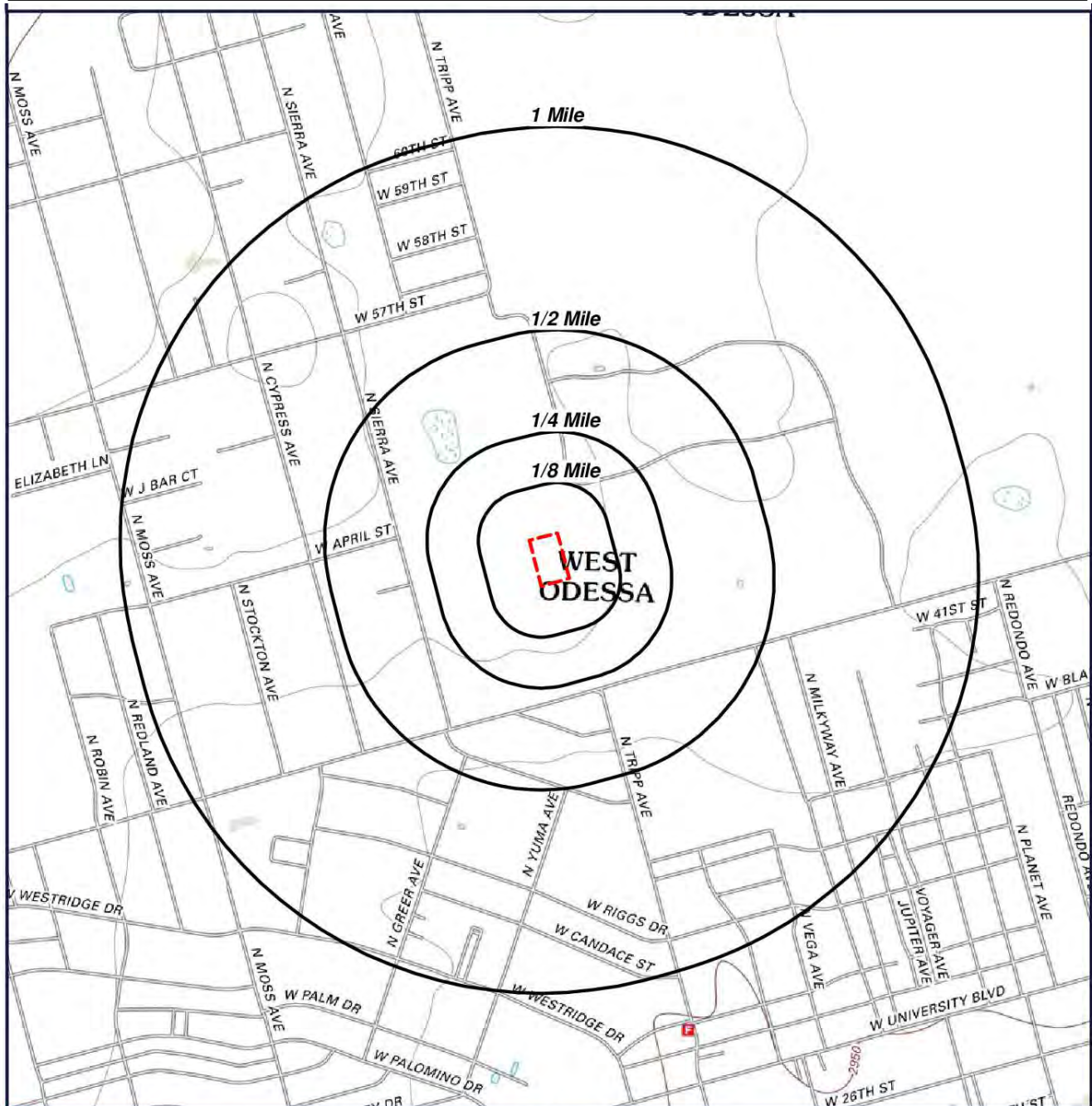
Quadrangle(s): Odessa Sw
ECUD -42nd St
42nd St
Odessa, Texas
79764



0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view](#)

Topographic Map



 Target Property (TP)

Quadrangle(s): Odessa Sw
Source: USGS, 12/20/2012
ECUD -42nd St
42nd St
Odessa, Texas
79764



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	LPST	113154	Lower (2,969 ft.)	0.35 mi. WSW (1848 ft.)	KUYKENDALL WIRE LINE	4301 N SIERRA AVE, ODESSA, TX	17
2	LPST	095251	Lower (2,965 ft.)	0.409 mi. SW (2160 ft.)	BIG JOHNS GROC 3 242	10100 W 42ND ST, ODESSA, TX	20

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 2977 ft.

NOTE: Standard environmental records are displayed in **bold**.

EQUAL/HIGHER ELEVATION

No Records Found

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	LPST	2,969 ft.	KUYKENDALL WIRE LINE	4301 N SIERRA AVE, ODESSA, TX	17
2	LPST	2,965 ft.	BIG JOHNS GROC 3 242	10100 W 42ND ST, ODESSA, TX	20

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 1](#)

Distance from Property: 0.35 mi. (1,848 ft.) WSW

Elevation: 2,969 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 113154

LPST ID: 113154

FACILITY ID: 0070681

NAME: KUYKENDALL WIRE LINE

ADDRESS: 4301 N SIERRA AVE

ODESSA, TX

LEAKING TANK DETAILS

LPST ID: 113154

NAME: KUYKENDALL WIRE LINE

FACILITY LOCATION: NOT REPORTED

PRIORITY CODE: 1.3 - SOLE-SOURCE DOMESTIC WATER SUPPLY WELL/LINE/SW INTAKE IMPACT

CORRECTIVE ACTION STATUS CODE: 6A - FINAL CONCURRENCE ISSUED

CORRECTIVE ACTION START DATE: 10/18/13

REPORTED DATE: 4/23/1998

ENTERED DATE: 4/30/1998

PRP INFORMATION

NAME: KUYKENDALL WIRE LINE

ADDRESS: ADDRESS NOT REPORTED

ODESSA TX 79760

CONTACT: NOT REPORTED

PHONE: NOT REPORTED

UNDERGROUND STORAGE TANK

TANK ID: 1

INSTALLATION DATE: 08/31/1987

TANK CAPACITY (GAL): NOT REPORTED

STATUS: REMOVED FROM GROUND

INTERNAL PROTECTION DATE: NOT REPORTED

TANK DESIGN SINGLE WALL: NO

PIPE DESIGN SINGLE WALL: NO

NUMBER OF COMPARTMENTS: 1

REGISTRATION DATE: 05/29/1998

EMPTY TANK: NOT EMPTY

STATUS BEGIN DATE: 04/21/1998

REGULATORY STATUS: FULLY REGULATED

TANK DESIGN DOUBLE WALL: NO

PIPE DESIGN DOUBLE WALL: NO

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: NO

CORROSION PROTECTION VARIANCE: NO VARIANCE

COMPARTMENT DETAILS

Leaking Petroleum Storage Tanks (LPST)

UST COMPARTMENT ID: 174080

TANK ID: 1

COMPARTMENT LETTER: A

SUBSTANCES: **UNKNOWN**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): 0

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **NOT REPORTED**

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: **NOT REPORTED**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: 2

NUMBER OF COMPARTMENTS: 1

INSTALLATION DATE: 08/31/1987

REGISTRATION DATE: 05/29/1998

TANK CAPACITY (GAL): **NOT REPORTED**

EMPTY TANK: **NOT EMPTY**

STATUS: **REMOVED FROM GROUND**

STATUS BEGIN DATE: 04/21/1998

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **NO**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **NO**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: 174081

TANK ID: 2

COMPARTMENT LETTER: A

SUBSTANCES: **UNKNOWN**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): 0

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **NOT REPORTED**

Leaking Petroleum Storage Tanks (LPST)

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: **NOT REPORTED**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 2](#)

Distance from Property: 0.409 mi. (2,160 ft.) SW

Elevation: 2,965 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 095251

LPST ID: 095251

FACILITY ID: 0037751

NAME: BIG JOHNS GROC 3 242

ADDRESS: 10100 W 42ND ST

ODESSA, TX

LEAKING TANK DETAILS

LPST ID: 095251

NAME: BIG JOHNS GROC 3 242

FACILITY LOCATION: NOT REPORTED

PRIORITY CODE: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP

CORRECTIVE ACTION STATUS CODE: 6A - FINAL CONCURRENCE ISSUED

CORRECTIVE ACTION START DATE: 4/18/90

REPORTED DATE: 3/31/1990

ENTERED DATE: 4/18/1990

PRP INFORMATION

NAME: SOUTHWEST ENERGY

ADDRESS: ADDRESS NOT REPORTED

ODESSA TX 79760

CONTACT: NOT REPORTED

PHONE: NOT REPORTED

UNDERGROUND STORAGE TANK

NO UNDERGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

[Back to Report Summary](#)

Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS

Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS

Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL

Clandestine Drug Laboratory Locations

VERSION DATE: 10/05/17

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS

EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC

Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

Environmental Records Definitions - FEDERAL

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR06 Enforcement and Compliance History Information

VERSION DATE: 09/01/18

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSTX Emergency Response Notification System

VERSION DATE: 10/28/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSTX Facility Registry System

VERSION DATE: 10/09/18

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 09/30/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/01/18

Environmental Records Definitions - FEDERAL

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDESR06 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

PADS PCB Activity Database System

VERSION DATE: 09/14/18

Environmental Records Definitions - FEDERAL

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

PCSR06 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 09/26/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

Environmental Records Definitions - FEDERAL

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

RCRAGR06 Resource Conservation & Recovery Act - Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Environmental Records Definitions - FEDERAL

RCRANGR06

Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ALTFUELS

Alternative Fueling Stations

VERSION DATE: 09/01/18

Nationwide list of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST

FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST

Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS

Integrated Compliance Information System Drycleaners

VERSION DATE: 09/01/18

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

MRDS

Mineral Resource Data System

VERSION DATE: 03/15/16

Environmental Records Definitions - FEDERAL

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 08/31/18

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 10/01/18

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 11/14/18

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 03/01/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

Environmental Records Definitions - FEDERAL

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 08/13/18

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 09/14/18

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Environmental Records Definitions - FEDERAL

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 03/01/18

Environmental Records Definitions - FEDERAL

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites.

During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 11/14/18

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 11/14/18

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

Environmental Records Definitions - FEDERAL

RCRASUBC

Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS

Record of Decision System

VERSION DATE: 08/13/18

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (TX)

GWCC Groundwater Contamination Cases

VERSION DATE: 12/31/17

This is a Joint Groundwater Monitoring and Contamination Report provided by the Texas Commission on Environmental Quality (TCEQ). The annual report describes the status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The report provides a general overview of groundwater monitoring by participating members on a program by program basis. Groundwater contamination is broadly defined in the report as any detrimental alteration of the naturally occurring quality of groundwater.

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: 12/31/15

This is a Joint Groundwater Monitoring and Contamination Report provided by the Texas Commission on Environmental Quality (TCEQ) that includes historic groundwater contamination cases reported since 1994. These cases have been closed by a program area or agency, such as the TCEQ, the Railroad Commission of Texas, and/or the Texas Alliance of Groundwater Districts. According to the TCEQ report, although enforcement actions may be closed on these cases, the Activity Status Code descriptions allow that groundwater contamination may still be present at the site and may therefore be of interest to regulatory agencies and the general public.

LANDAPP Land Application Permits

VERSION DATE: 03/01/13

Texas Land Application Permits are a requirement from the Texas Commission on Environmental Quality for any domestic facility that disposes of treated effluent by land application such as surface irrigation, evaporation, drainfields or subsurface land application.

LIENS TCEQ Liens

VERSION DATE: 06/06/18

Liens filed upon State and/or Federal Superfund Sites by the Texas Commission on Environmental Quality.

MSD Municipal Setting Designations

VERSION DATE: 06/01/18

The Texas Commission on Environmental Quality (TCEQ) defines an MSD as an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records. The MSD property can be a single property, multi-property, or a portion of property.

Environmental Records Definitions - STATE (TX)

TCEQ Disclaimer: This data is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

NOV Notice of Violations

VERSION DATE: 02/24/16

This database containing Notice of Violations (NOV) is maintained by the Texas Commission on Environmental Quality. An NOV is a written notification that documents and communicates violations observed during an inspection to the business or individual inspected.

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 10/01/18

The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination. The sites included on this list are regulated by various programs of the Texas Commission on Environmental Quality (TCEQ).

SPILLS Spills Listing

VERSION DATE: 07/20/18

This Texas Commission on Environmental Quality database includes releases of hazardous or potentially hazardous materials into the environment.

TIERII Tier I I Chemical Reporting Program Facilities

VERSION DATE: 12/31/12

The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2012 calendar years. Please contact the Texas Commission on Environmental Quality Tier II Chemical Reporting Division as the current source for this data, due to confidentiality and safety reasons details such as the location and capacity of on-site hazardous chemicals is only available to local emergency planning agencies, fire departments, and/or owners.

DCR Dry Cleaner Registration Database

VERSION DATE: 08/02/18

Environmental Records Definitions - STATE (TX)

The database includes dry cleaning drop stations and facilities registered with the Texas Commission on Environmental Quality.

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 10/05/18

Owner and facility information is included in this database of permitted and non-permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 10/05/18

Owner and facility information is included in this database of all permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. Permitted IHW facilities are regulated under 30 Texas Administrative Code Chapter 335 in addition to federal regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PST Petroleum Storage Tanks

VERSION DATE: 11/05/18

The Petroleum Storage Tank database is administered by the Texas Commission on Environmental Quality (TCEQ). Both Underground storage tanks (USTs) and Aboveground storage tanks (ASTs) are included in this report. Petroleum Storage Tank registration has been a requirement with the TCEQ since 1986.

APAR Affected Property Assessment Reports

VERSION DATE: 10/05/18

As regulated by the Texas Commission on Environmental Quality, an Affected Property Assessment Report is required when a person is addressing a release of chemical of concern (COC) under 30 TAC Chapter 350, the Texas Risk Reduction Program (TRRP). The purpose of the APAR is to document all relevant affected property information to identify all release sources and COCs, determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary. The Texas Administrative Code Title 30 §350.4(a)(1) defines affected property as the entire area (i.e. on-site and off-site; including all environmental media) which contains releases of chemicals of concern at concentrations equal to or greater than the assessment level applicable for residential land use and groundwater classification.

Environmental Records Definitions - STATE (TX)

BSA Brownfields Site Assessments

VERSION DATE: 10/04/18

The Brownfields Site Assessments database is maintained by the Texas Commission on Environmental Quality (TCEQ). The TCEQ, in close partnership with the U.S. Environmental Protection Agency (EPA) and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of brownfields through the development of regulatory, tax, and technical assistance tools.

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/01/05

The Texas Commission on Environmental Quality, under a contract with Texas State University, and in cooperation with the 24 regional Council of Governments (COGs) in the State, has located over 4,000 closed and abandoned municipal solid waste landfills throughout Texas. This listing contains "unauthorized sites". Unauthorized sites have no permit and are considered abandoned. The information available for each site varies in detail and this historical information is not updated. Please refer to the specific regional COG for the most current information.

DCRPS Dry Cleaner Remediation Program Sites

VERSION DATE: 09/01/18

This list of DCRP sites is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the Dry Cleaner Remediation Program (DCRP) establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund to assist with remediation of contamination caused by dry cleaning solvents.

IOP Innocent Owner / Operator Database

VERSION DATE: 10/01/18

Texas Innocent Owner / Operator (IOP), created by House Bill 2776 of the 75th Legislature, provides a certificate to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination. The IOP database is maintained by the Texas Commission on Environmental Quality.

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 11/09/18

The Leaking Petroleum Storage Tank listing is derived from the Petroleum Storage Tank (PST) database and is maintained by the Texas Commission on Environmental Quality. This listing includes aboveground and underground storage tank facilities with reported leaks.

Environmental Records Definitions - STATE (TX)

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 09/28/18

The municipal solid waste landfill database is provided by the Texas Commission on Environmental Quality. This database includes active landfills and inactive landfills, where solid waste is treated or stored.

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 04/11/18

According to the Railroad Commission of Texas, their Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

RWS Radioactive Waste Sites

VERSION DATE: 07/11/06

This Texas Commission on Environmental Quality database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

STCV Salt Caverns for Petroleum Storage

VERSION DATE: 09/01/06

The salt caverns for petroleum storage database is provided by the Railroad Commission of Texas.

VCP Voluntary Cleanup Program Sites

VERSION DATE: 10/01/18

The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. The VCP database is maintained by the Texas Commission on Environmental Quality.

WMRF Recycling Facilities

VERSION DATE: 11/01/12

This listing of recycling facilities is provided by the Texas Commission on Environmental Quality's Recycle Texas Online service. The company information provided in this database is self-reported. Since recyclers post their own information, a facility or company appearing on the list does not imply that it is in compliance with TCEQ

Environmental Records Definitions - STATE (TX)

regulations or other applicable laws. This database is no longer maintained and includes the last compilation of the program participants before the Recycle Texas Online program was closed.

IHWCA Industrial and Hazardous Waste Corrective Action Sites

VERSION DATE: 09/06/18

This database is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the mission of the industrial and hazardous waste corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes. The goals of this program are to: Ensure that sites are assessed and remediated to levels that protect human health and the environment; Verify that waste management units or facilities are taken out of service and closed properly; and to Facilitate revitalization of contaminated properties.

SF State Superfund Sites

VERSION DATE: 10/13/17

The state Superfund program mission is to remediate abandoned or inactive sites within the state that pose an unacceptable risk to public health and safety or the environment, but which do not qualify for action under the federal Superfund program (NPL - National Priority Listing). As required by the Texas Solid Waste Disposal Act, Texas Health and Safety Code, Chapter 361, the Texas Commission on Environmental Quality identifies and evaluates these facilities for inclusion on the state Superfund registry. This registry includes any recent developments and the anticipated action for these sites.

Environmental Records Definitions - TRIBAL

USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/18

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

Appendix F

User Questionnaire

ASTM E 1527-13 User Questionnaire

In order to qualify for the protection offered under the EPA All Appropriate Inquiry (AAI) Standard, the **User** (entities seeking to use the ASTM E1527-13 Practice to complete an environmental site assessment of the property; i.e. Lenders and/or Borrowers) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that AAI is not complete. This information should be the collective knowledge of the entities relying on the Phase I. **Please note that you are not being asked to evaluate the property, but rather to provide your knowledge of information on the property.**

Site Name/Address: 5.0-acre tract within Section 9, BLK 43, T2S, T&P RR Survey, Ector County, Texas

Property Owner: PM Ranch Ltd (Patrick & Mary Lewis)

Person Interviewed (by phone)/Title: Patrick Lewis / Co-Owner Date: March 19, 2019 (6:49 PM)

If known, when was the property initially developed? _____

If different, when were the current building(s) on the property constructed? No buildings

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

Yes___ No X If you answer yes, please include an explanation in the space provided below:

2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? *Engineering Controls* are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property). *Institutional Controls* are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Yes___ No X If you answer yes, please include an explanation in the space provided below:

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the *User* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes___ No X If you answer yes, please include an explanation in the space provided below:

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

a) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

Yes___ No X If you answer no, please include an explanation in the space provided below, including whether the lower purchase price is because contamination is known or believed to be present at the *property*?

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *User*:

a. Do you know the past uses of the *property*?

Yes___ No X

b. Do you know of specific chemicals that are present or once were present at the *property*?

Yes___ No X

c. Do you know of spills or other chemical releases that have taken place at the *property*?

Yes___ No X

d. Do you know of any environmental cleanups that have taken place at the *property*?

Yes___ No X

If you answered yes to any of the questions above, please include an explanation in the space provided below:

6. The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *User* of this *ESA*, based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Yes___ No X If you answer yes, please include an explanation in the space provided below:

Please provide the following property contact information:

Property Owner: Patrick Lewis Phone Number: 432-661-2243
Key Site Personnel: _____ Phone Number: _____
Previous Owner: David Spear (1996-2007) Phone Number: _____
Past Owner: John Holdridge - OBBCO (19??-1196) Phone Number: _____

March 20, 2019

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Knox Avenue – Elevated Tank Property

Ector County, Texas



Prepared for:

Kimley»Horn

801 Cherry Street, Suite 1300
Fort Worth, TX 76102

And for:

Ector County Utility District

1039 North Moss Avenue
Odessa, Texas 79763

Prepared by:



**P. O. Box 12177
Odessa, Texas 79768**

TABLE OF CONTENTS

1.0	SUMMARY.....	1
1.1	<i>Introduction</i>	1
1.2	<i>Purpose and Scope</i>	1
1.3	<i>Findings and Conclusions.....</i>	1
1.4	<i>Assumptions and Limitations.....</i>	2
2.0	SITE DESCRIPTION.....	3
2.1	<i>Location and Legal Description</i>	3
2.2	<i>Buildings, Structures, Roads, Utilities and Other Improvements.....</i>	3
2.2.1	Buildings and Structures.....	3
2.2.2	Roads	3
2.2.3	Utilities	3
2.2.4	Structures Related to Oil and Gas Production	4
2.3	<i>Site Vicinity and General Characteristics.....</i>	4
2.4	<i>Current Use of Subject Property.....</i>	5
2.5	<i>Current Use of Adjacent Properties.....</i>	5
2.6	<i>Topography and Soil Description</i>	5
2.7	<i>Surface Geology and Groundwater Hydrology.....</i>	6
2.8	<i>Floodplain and Wetlands.....</i>	6
3.0	USER PROVIDED INFORMATION	7
3.1	Title Records	7
3.2	Environmental Liens or Activity and Use Limitations.....	7
3.3	Specialized Knowledge	7
3.4	Commonly Known or Reasonably Ascertainable Information	7
3.5	Valuation Reduction for Environmental Issues.....	7
3.6	Previous Owner, Property Manager, and Occupant Information.....	7
4.0	RECORDS REVIEW	8
5.0	HISTORY OF SUBJECT PROPERTY AND SURROUNDING AREA.....	10
6.0	SITE RECONNAISSANCE.....	12
6.1	<i>Methodology and Limiting Conditions</i>	12
6.2	<i>General Site Setting.....</i>	12
6.3	<i>Observations... ..</i>	12

7.0	INTERVIEWS	13
7.1	<i>Interview with Current Owner Representative</i>	13
7.2	<i>Interview with Previous Owner Representative</i>	13
7.3	<i>Interviews with Past Occupants.....</i>	13
7.4	<i>Interviews with Local Government Offices.....</i>	13
7.5	<i>Interviews with Others</i>	13
8.0	<i>FINDINGS, OPINIONS, CONCLUSIONS</i>	14
8.1	<i>Findings.....</i>	14
8.2	<i>Opinions and Conclusions</i>	14
9.0	REFERENCES	15

ATTACHMENTS AND APPENDICES

FIGURES

Figure 1 - Site Vicinity Map

Figure 2 - Aldea Privada Subdivision Survey Plat

Figure 3 - RRC Map of Oil & Gas Wells and Buried Pipelines

Figure 4 - Topographic Map

HISTORICAL AERIAL IMAGES (1944 - 2018)

SITE RECONNAISSANCE PHOTOGRAPHS

APPENDICES

Appendix A – GeoPlus Water Well Report

Appendix B – Oil & Gas Well Information

Appendix C – GeoPlus Physical Setting Maps

Appendix D – Soil Survey

Appendix E – Environmental Regulatory Record Search (*GeoSearch* ASTM Radius Report)

Appendix F – User Questionnaire

PROFESSIONAL CERTIFICATION

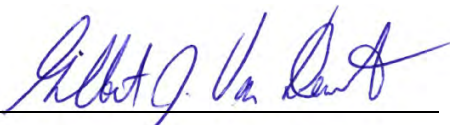
PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Knox Avenue – Elevated Tank Property Ector County, Texas

This Phase 1 Environmental Site Assessment (ESA) was conducted consistent with generally accepted environmental consulting practices within the limitations specified in the accompanying report. Mr. Gilbert J. Van Deventer, an Environmental Professional and employee of Trident Environmental, gathered, compiled, reviewed and interpreted the information contained in this report, as agent for Kimley-Horn and the Ector County Utility District. The information contained in this ESA was obtained from personal inspection, from various Federal, State, and local government agencies and from sources deemed to be reliable.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and the ASTM Standard Practice for Environmental Site Assessments E 1527-13.

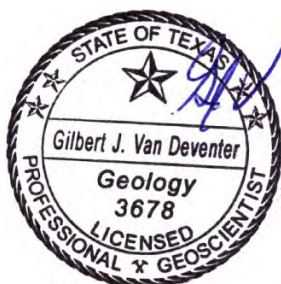
I have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.



Gilbert J. Van Deventer, PG

March 20, 2019

Date



1.0 SUMMARY

1.1 Introduction

Trident Environmental performed a Phase I Environmental Site Assessment (ESA) in accordance with the ASTM 1527-13 Standard for use by the Ector County Utility District (ECUD) for a property located on the east side of Knox Avenue approximately 1.1 miles north-northwest of Interstate 20 in Ector County, Texas, as shown in the Site Vicinity Map (Figure 1). The subject property is a 2.0-acre tract located in section 41, Block 43, T-2-S, T&P RR Survey. The subject property can also be described as Lot 8 of Block 3 and Lot 1 of Block 4, in the Aldea Privada subdivision as shown on the survey plat in Figure 2. Each 1.01-acre lot, measures 200-ft by 220-ft.

1.2 Purpose and Scope

The purpose of this ESA is to identify "recognized environmental conditions" in connection with the subject property. The ASTM Standard Practice for Environmental Site Assessments E 1527-13 defines "recognized environmental condition" as "the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of an hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface water on the subject property."

The scope of work for this ESA included the following:

- Site reconnaissance of the subject property
- Surrounding property observation
- Interviews with individuals having knowledge of the operations on the subject property
- State and federal regulatory agency database search for listed properties within an ASTM designated radius of the subject property
- Reconnaissance of historical aerial photographs
- Research of archive city directories for subject property and adjoining properties

1.3 Findings and Conclusions

This Phase I Environmental Site Assessment for the subject property was performed in conformance with the scope and limitations of ASTM Standard Practice 1527-13. No deviations from the standard scope of services for a Phase I Environmental Site Assessment were encountered. The findings of this Phase I ESA included the following:

- The subject property remains undeveloped to this day, with exception to the recent availability of electrical service as it is part of the Aldea Privada subdivision which is currently under-going development for rural residential homesites.
- There are no buildings or permanent structures on the subject property, but new mobile homes are being placed on nearby lots within the subdivision.

- Since the subject property is outside of city limits no municipal water or sewage providers are available. With the recent development for rural residential homesites, septic systems and water wells are being constructed in nearby lots.
- There is no current oil and gas production on the subject property, including gas gathering and transmission lines, oil and gas wells, tank batteries and operational equipment related to oil and gas activities. However, there was an oil and gas producing well (Cowden #1; API #135-34723) and tank battery located approximately 375 feet east-northeast of the subject property. That well was plugged in 2003 and recently the tank battery area has been cleared with the exception of a few sections of flow lines. No recognized environmental conditions related to the oil and gas activities were observed.

During the course of this investigation, there was no indication of an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures or into the soil or groundwater on the subject property.

It is the opinion of Trident Environmental that this assessment has revealed no evidence of "recognized environmental conditions", as defined by the ASTM standard, in connection with the subject property.

1.4 Assumptions and Limitations

This ESA is based upon the information available from a variety of sources and on the inspection of the Property. The ESA was performed in accordance with industry standards and using appropriate methods. It is intended to allow a party to make an informed decision regarding the property. The findings and opinions conveyed in this report are based on information obtained from a variety of sources enumerated herein. Trident Environmental believes these sources are reliable; however Trident Environmental cannot and does not guarantee the accuracy or authenticity of the information provided by others. This ESA is not a guarantee that there is no subsurface contamination, nor can it be warranted that those areas of environmental concern herein noted are the only areas of potential contamination at the subject property.

Conducting a Phase I can reduce but not eliminate uncertainty regarding the potential of recognized environmental conditions. This report is not a comprehensive site characterization and the reader should not consider it as such. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials). This investigation does not include assessment of issues out of the scope of a Phase I. We have based the opinions presented in this report on findings derived from the Phase I ESA.

By their very nature, environmental due diligence programs are limited in their scope and conclusions. Trident Environmental has endeavored to meet what it believes is the applicable standard of care, including appropriate inquiry. We are obliged to advise the reader of the liabilities associated with the acquisition of any parcel of commercial real estate. We can mitigate these risks but not eliminate them through additional research and/or intrusive sampling in additional investigations.

This report is for the sole use of Kimley-Horn and the Ector County Utility District. Kimley-Horn and ECUD may release this report to third parties, who may use and rely upon the information contained herein at their own risk.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The subject property is located on the east side of Knox Avenue approximately 1.1 miles north-northwest of Interstate 20 in Ector County, Texas, as shown in the Site Vicinity Map (Figure 1). The subject property is a 2.0-acre tract located in section 41, Block 43, T-2-S, T&P RR Survey. The subject property can also be described as Lot 8 of Block 3 and Lot 1 of Block 4, in the Aldea Privada subdivision as shown on the survey plat in Figure 2. Each 1.01-acre lot, measures 200-ft by 220-ft. Access to the subject property is available directly from the east side of Knox Avenue, and from the western cul-de-sac along Encantador Drive.

2.2 Buildings, Structures, Roads, Utilities and Other Improvements

2.2.1 Buildings and Structures

There are no buildings or structures on the 2.02-acre subject property. The nearest buildings to the subject site include several newly installed mobile homes within the Privada Aldea subdivision. There are also a few established mobile homes west across Knox Avenue from the subject site in the Knox Village Ranchettes subdivision in section 42.

2.2.2 Roads

The west side of the subject property can be accessed directly from Knox Avenue and also from the east where Encantador Drive dead ends into a cul-de-sac. No other roads are located on the subject property.

2.2.3 Utilities

- Electrical Services

Electrical service is available from Oncor Electric Delivery Company LLC.

- Sewage Disposal

There are no municipal sewer services in this area of west Odessa and there is no evidence of a sewage system on the subject property. Home sites within the Aldea Privada subdivision have septic tank systems installed.

- Natural Gas

There are no natural gas services in this area of west Odessa. The local residents rely on electrical or propane for heating purposes.

- Water Wells

There is no municipal supply of water in this area of west Odessa and there are no water wells on the subject property. According to the *Geosearch* Water Well Report in Appendix A, there were seventy-eight (78) wells identified within a one-half mile radius of the subject property, but only seven (7) wells within one-quarter mile, as of November 28, 2018. It should be noted that the well locations are often subject to inaccuracies due to incorrectly reported latitude and longitude coordinates by the drilling companies.

Subsequent to the water well report from *Geosearch*, several more water wells have been completed due to the ongoing development of the Aldea Privada subdivision as mobile homes are being moved in (Addendum to Appendix A).

Water wells in the vicinity produce at depths typically ranging from 150 and 180 feet. According to well reports, well yields are "weak", typically 5 gallons per minute or less. In some instances, attempts to complete water wells failed due to lack of water yields and therefore plugged.

2.2.4 Structures Related to Oil and Gas Production

There are no oil and gas wells or production structures located on the subject property. The nearest oil and well was the Cowden #1 (API # 135-34723) located approximately 375 feet east-northeast of the subject property. The well was drilled for W. H. Munn Operating, Inc. to a depth of 8,833 feet in 1984, and plugged in 2003. This well was also served by a tank battery that has recently been dismantled with most structures removed. The nearest active oil and gas well is the Cowden "A" #2 (API # 135-35099) located approximately 650 feet west-southwest of the subject property. The well was drilled for W. H. Munn Operating, Inc. to a depth of 8,787 feet in 1985, and is currently operated by Kinney Inc.

The nearest verified buried pipeline was a DCP Operating Company LP, 4.5-inch gas gathering pipeline, now removed, delivering natural gas from the former Cowden #1 well discussed above, to another NNW-SSE trending gathering line located about 500 ft east (T4 Permit #04825). Another natural gas gathering line belonging to the same system is located about 500 ft south of the subject property. Figure 3 depicts nearby oil and gas wells and buried pipelines.

Using the RRC online database and GIS Viewer, several extensive in-depth queries were researched for oil and gas facilities located near the subject property, particularly for the facilities listed above. No adverse environmental issues were found during these queries. Additional oil & gas well information for the surrounding properties are provided in Appendix B.

2.3 Site Vicinity General Characteristics

The site vicinity is a mix of rural residential, oil and gas production, and commercial/industrial use. There is also some undeveloped range land.

2.4 Current Use of the subject property

Currently, the subject property is not in use. The subject property consists of two lots of the one hundred and eight (108) 1-acre lots within the Privada Aldea subdivision where residential development is progressing.

The subject property has previously remained undeveloped and unimproved, but may have been used for ranching (livestock pasture) in the past.

2.5 Current Use of Adjoining and Nearby Properties

Adjoining properties are within the Aldea Privada subdivision which has been developed by Knox Real Property Development, LLC for rural residential living. The residences are manufactured (mobile) homes. The closest mobile homes to the subject property are located in the lots immediately north and south of the subject property. The two lots adjacent to the east side of the subject property are not yet occupied. There are three separate mobile home residences that are about 150 ft west across the Knox Avenue from the subject property. Below is a list of adjoining and nearby residences within 200 ft of the subject property.

Street Address	Subdivision	Block	Lot	Owner
11761 Pinos Dr	Aldea Privada	3	1	Obed Flores
11771 Encantador Ln	Aldea Privada	3	7	Vacant
11770 Encantador Ln	Aldea Privada	4	2	Vacant
11760 Secreto Ln	Aldea Privada	4	8	Gutierrez & G. Sanchez
1276 S Knox Ave	T-2-S BLK 43 SEC 42	1	18	Leonard Redman
1380 S Knox Ave	T-2-S BLK 43 SEC 42	1	32	Edna Martinez
1400 S Knox Ave	T-2-S BLK 43 SEC 42	1	19	Ivan & Abigail Deras

2.6 Topography and Soil Description

According to the United States Geological Survey (USGS) Odessa SW Topographic map, the relatively flat topography of the property slopes gently towards the east at an elevation of about 3,028 feet (ft) above mean sea level (AMSL). There are no surface water bodies within a mile of the subject property. A USGS Topographic map is provided in Figure 4.

According to the National Cooperative Soil Survey (USDA Natural Resources Conservation Service), the surface soils at most of the subject property were identified as Conger-Reagan association (nearly level), as shown on USDA Soils map included with the *GeoPlus* Physical Settings Maps, provided in Appendix C. The site-specific soil survey report is included in Appendix D; it indicates that the soils are not considered prime farmland due to the arid climate, however they are suitable for farming with few limitations when under irrigation.

2.7 Surface Geology and Groundwater Hydrology

The Geologic Atlas of Texas (Pecos Sheet) shows *Quaternary Blackwater Draw Formation* (Qbd) as the surface geologic unit over the subject property. This formation is described as sand, fine- to medium-grained quartz, silty, calcareous, locally clayey, caliche nodules, massive, grayish red; distinct soil profile. It can be up to 25 feet thick and feathers out locally.

According to the TWDB groundwater database, the major aquifer underlying the property is the Edwards-Trinity (Plateau) aquifer, also referred to as the Antlers Sand. Water wells completed within the Edwards-Trinity aquifer in the site vicinity are typically drilled to depths ranging from about 150 ft to 180 ft below ground surface (bgs) with the top of the water table estimated at about 80-90 ft bgs. According to well reports, well yields are "weak", typically less than 5 to 10 gallons per minute. In some instances, attempts to complete water wells failed due to lack of water yields and therefore plugged.

The lithology of the aquifer consists of interbedded sand, siltstone, and gravel and is confined by the underlying Triassic System, Dockum series red shales. The chemical quality of the Edwards-Trinity groundwater is generally good with total dissolved solids (TDS) that range from about 600 to 1500 mg/L.

The Dockum, Santa Rosa formation is a Minor Aquifer which also underlies the subject property, but is not utilized in the surrounding area, due to its depth and chemical quality, relative to the Edwards-Trinity (Plateau).

2.8 Floodplain and Wetlands

The subject property is not located within a floodplain. According to the Federal Emergency Management Agency (FEMA) National Flood Insurance Program, the subject property lies within "Zone X", which is the designation for properties not subject to 100- or 500-year flooding as interpreted from Flood Insurance Rate Map Panel for Ector County No. 48135C0350E dated March 15, 2012. A FEMA map is included in Appendix C.

The subject property is about ¼ mile southeast of a low area (dry playa) designated as "Zone A", which identifies "Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown".

According to the National Wetlands Inventory (NWI), the subject property does not include estuarine, freshwater emergent or forested/shrub wetlands, lake, riverine freshwater pond, or other designated areas as defined by the US Fish and Wildlife Service (USFWS). The small (dry) playa lake referenced above is not classified with wetlands attributes. A NWI map is included in Appendix C.

3.0 USER PROVIDED INFORMATION

3.1 Title Records

No title records were provided by the user (ECUD) of this document. However, a survey plat obtained from Ector County records identify the property as owned by Knox Real Property Development LLC, with Yancey Loyless as President, and Jason Harrington Vice-President and acting Secretary.

A User Questionnaire (Appendix F) was completed by the current owner/representative, Mr. Jason Harrington.

3.2 Environmental Liens or Activity and Use Limitations

No environmental liens or Activity and Use Limitations were identified by the current owner as represented by Mr. Jason Harrington.

3.3 Specialized Knowledge

The current owners as represented by Mr. Jason Harrington indicated no specialized knowledge or experience regarding the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the Standard, "If the user is aware of any commonly known or reasonably ascertainable information within the local community about the subject property that is material to recognized environmental conditions in connection with the subject property; it is the user's responsibility to communicate such information to the environmental professional." Mr. Harrington indicated no such knowledge or information.

3.5 Valuation Reduction for Environmental Issues

According to statements made by the current owners as represented by Mr. Jason Harrington there has been no known value reduction for environmental issues at the subject property.

3.6 Previous Owner, Property Manager, and Occupant Information

Mr. Jason Harrington, had no information on the previous owner (prior to 2016).

4.0 RECORDS REVIEW

The purpose of the records review was to obtain and review records that will help identify recognized environmental conditions in connection with the property. Some records reviewed pertain not only to the property, but also to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. Unless stated otherwise the approximate minimum search distances used below were as specified in the ASTM Standard 1527-13. Standard Practice E 1527-13 requires that the following federal and state government environmental records be reviewed for a Phase I ESA:

Federal Lists (by search radius)

- Emergency Response Notification System (ERNSTX) list, subject and adjoining property,
- Engineering Institutional Control (EC) list, subject and adjoining property,
- Land Use Control Information System (LUCIS) list, subject and adjoining property,
- Resource Conservation and Recovery Act (RCRA) - Site Controls (RCRASC) list, subject and adjoining property,
- RCRA Generator Facilities (RCRAGR06) list, within 0.125 miles,
- RCRA Non-Generator Facilities (RCRANGR06) list, within 0.125 miles,
- FEMA Owned Storage Tanks (FEMAUST) list, within 0.25 miles,
- Brownfields Management System (BF) list, within 0.5 miles,
- Delisted NPL site list within 0.5 miles,
- No Longer Regulated RCRA NON-CORRACTS (NLRRCRAT) list, within 0.5 miles,
- RCRA NON-CORRACTS Treatment, Storage, and Disposal (RCRAT) list, within 0.5 miles,
- Superfund Enterprise Management System (SEMS) list, within 0.5 miles,
- Superfund Enterprise Management System Archived Site Inventory (SEMSARCH) list, within 0.5 miles,
- National Priorities List (NPL) within 1.0 mile,
- Proposed National Priorities List (PNPL) within 1.0 mile,
- Resource Conservation and Recovery Act (RCRA) - Corrective Action Facilities (RCRAC) list, within 0.5 miles,
- RCRA Subject to Corrective Action (RCRASUBC) list, within 1.0 mile,

State of Texas Lists (by search radius)

- State Institutional/Engineering Control (SIEC01) list, subject and adjacent property,
- Dry Cleaner Registration Database (DCR), within 0.25 miles
- Petroleum Storage Tanks (PST), within 0.25 miles
- Brownfields Site Assessment (BSA), within 0.5 miles

Phase I Environmental Site Assessment
Ector County Utility District
Knox Avenue - Elevated Tank Property

- Closed and Abandoned Landfill (CALF) Inventory, within 0.5 miles
- Leaking Petroleum Storage Tank (LPST) list, within 0.5 miles,
- Municipal Solid Waste Landfill (MSWLF) list, within 0.5 miles,
- Radio Active Waste Sites (RWS), within 0.5 miles
- Railroad Commission VCP and Brownfields (RRCVCP) list, within 0.5 miles
- Voluntary Cleanup Program (VCP) list, within 0.5 miles
- Industrial and Hazardous Waste Corrective Action (IHWCA) list, within 1.0 mile

Trident Environmental subcontracted with *GeoSearch* to provide an ASTM Radius Report as included in Appendix E. GeoSearch specializes in compiling the regulatory environmental records into a comprehensive user-friendly format which helps identify sites that have potential environmental concerns. Along with the environmental records lists recommended by ASTM E 1527-13, GeoSearch also provides thirty-one Federal and fifteen State “Additional” Environmental Records Lists, which are also included in Appendix E.

Of the forty-eight Federal and twenty-six State environmental records searched, no facilities were identified within the specific search radii.

The database information, as summarized above in this section, revealed no unresolved formal enforcement actions by federal, state or tribal agencies. Note that enforcement actions which are in process are not publicly available. Also note that all violations do not receive formal enforcement actions. Violations that are minor, short in duration, or quickly corrected by the facility may not warrant formal enforcement action. Current owners and occupants of offsite properties do not necessarily match the responsible parties and/or former owner/occupants as listed on the databases due to change of ownership not reflected in the databases.

It is unlikely that operations at any of the facilities referenced in this section would impact the environmental conditions of the subject property.

5.0 HISTORY OF SUBJECT PROPERTY AND SURROUNDING AREA

The history of the subject and surrounding properties is based primarily on a review of satellite and aerial photography, with additional information provided by historic street directories and interviews. Images utilized were from: 1944, 1954, 1963, 1974, 1982, 1984, 1986, 1996, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, and 2018; those not available on Google Earth are included in with the Photographic Documentation. A summary of the history of the area is described as follows:

<u>Image Date</u>	<u>Historic Changes in Area Development</u>
11/28/1944	No discernible development evident on subject property (open range land).
05/03/1954	No discernible development evident on subject property (open range land). A North-South trending fence line, road, or pipeline right-of-way appears about 900 ft west of the subject property.
08/25/1963	No discernible development evident on subject property (open range land).
01/29/1974	No discernible development evident on subject property, but Knox Avenue has been constructed (unpaved).
12/06/1982	No discernible development evident on subject property, but significant rural residential homesteads and unpaved roads appear to the northwest and southwest. Also, there is a large area of cleared land south of the subject property.
10/17/1984	No significant changes since previous image.
03/06/1986	The Cowden #1 and the Cowden "A" #2 oil wells are present 350 ft east and 650 ft west of the subject property, respectively. An unpaved caliche road crosses along the southern boundary of the subject property. The DCP gas gathering line also appears leading ENE from the Cowden #1 tank battery and then advancing NNW.
01/08/1996	No significant changes in the subject property was observed in this image. A new homestead is present directly across Knox Avenue from northwest corner of the subject property. Also, another DCP gas gathering line appears south of the property trending ENE until it ties into the NNW trending DCP gas gathering line.
2004	The Cowden #1 oil well has been plugged otherwise no significant changes on the subject property and surrounding area were observed in this image. A mobile home appears across Knox Avenue southwest of the subject property.
2005	No significant changes on the subject property and surrounding area were observed in this image.
2006	No significant changes on the subject property and surrounding area were observed in this image.

Phase I Environmental Site Assessment
Ector County Utility District
Knox Avenue - Elevated Tank Property

2008	No significant changes in the subject property. Two new mobile homes are present across Knox Avenue and west of the subject property.
2010	No significant changes on the subject property and surrounding area were observed in this image.
2012	No significant changes on the subject property and surrounding area were observed in this image, with the exception of a water(?) pipeline appears about ½ mile south and ⅓ mile southwest of the subject property.
2014	No significant changes on the subject property. New unpaved roads (Monopoly Lane and Rick Street) development appears south of the subject property, along with some rural residential development (mobile homes) along Burkett and Edna Streets further south.
2016	No significant changes on the subject property. Substantial rural and industrial development is evident south of the subject property towards Interstate-20.
01/19/2018	No significant changes directly on the subject property, but new road development within the Aldea Privada subdivision has occurred. Rural and industrial development continues south of the subject property towards Interstate-20.

6.0 SITE RECONNAISSANCE

The purpose of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property or to note use and presence of hazardous materials which could affect the environmental condition of the subject property.

6.1 Methodology and Limiting Conditions

A reconnaissance of the subject property was conducted by Gil Van Deventer on December 28, 2018, and March 7, 2019. All areas of the subject property were accessible at the time of the reconnaissance; with no visual or physical obstructions (including buildings or other obstructions) to hinder the inspection. Photographs were taken to document conditions at the time of the reconnaissance and are included in the Photographic Documentation attachment.

6.2 General Site Setting

The 2.02-acre subject property is partially fenced along the west side with barbed-wire fence. The west side of the subject property can be accessed directly from Knox Avenue and also from the east where Encantador Drive dead ends into a cul-de-sac. No other roads are located on the subject property. The ground surface is relatively level. The subject property and all lots within the Aldea Privada subdivision have been cleared (mowed) of most vegetation.

6.3 Observations

The subject property is vacant, with no identifiable evidence of recent activities. Indicators of hazardous material releases include stressed vegetation; spillage/leakage of hazardous substances; staining of soil or other permeable surfaces; leachate or waste seeps; waste materials; disposal areas; construction/demolition debris; drums, barrels, or containers that presently or could have formerly contained hazardous substances; unusual odors and surface water discoloration, odor, sheen, or free-floating product. An abandoned 2 ½" steel flow line leading from the former tank battery area at the plugged Cowden #1 oil well extends to the southern end of the southern lot of the subject property. There were no indications of any petroleum hydrocarbon or chemical releases from this flow line, or any other areas, observed on the subject property during the site reconnaissance.

There are no electrical power poles across the subject property, therefore no concerns from polychlorinated Biphenyl (PCB) containing transformer oil. There was no evidence of any above ground or underground storage tanks, including dispensers or piping, on the subject property.

There was no equipment or structures specifically known to utilize asbestos containing material (ACM) observed on the subject property.

No evidence of solid waste or waste water disposal was observed on the subject property.

Although a detailed site-accessed reconnaissance of the adjacent properties was not performed, observations and photographs from the edges of the subject property did not identify any specific evidence of a recognized environmental condition of obvious future liability to the subject property.

7.0 INTERVIEWS

7.1 Interview with Current Owner

The subject property is currently owned by Knox Real Property Development LLC, (KRPD) which purchased the property on January 12, 2016. KRPD is a Texas limited liability company responsible for the development of the Aldea Privada subdivision. Yancy Loyless is a co-manager, and designated President of KRPD. Mr. Jason Harrington is also a co-manager, designated Vice-President, and acting secretary. A representative of Trident Environmental contacted Mr. Jason Harrington by telephone on March 7, 2019, to review and complete the User Questionnaire (Appendix F).

In the questionnaire, Mr. Jason Harrington indicated he is unaware of any environmental liens or land use limitations in the form of engineering or institutional controls associated with the property. He did not have any specialized knowledge or experience related to the historic use of the property or associations with the adjacent properties that could provide insight into a potential environmental liability. Mr. Jason Harrington was not aware of commonly known or reasonably ascertainable information about the property that would aid in identifying conditions indicative of releases or threatened releases. He indicated that the price being paid for the subject property reflected a fair market value. Based on his knowledge of the property it has never served as a place of chemical use or storage, contained a chemical spill or release, or had been subject to an environmental cleanup. Mr. Jason Harrington was also not aware of any obvious indicators that point to the presence or likely presence of contamination on the property. Mr. Harrington did not have any specific specialized knowledge or experience related to the nearby properties.

7.2 Interview with Previous Owner Representative

No previous owner representatives were available for an interview.

7.3 Interviews with Past Occupants

Since the property was undeveloped and unimproved until recently (2016-2019), no other occupants existed on the subject property, with the exception of occasional workers with the oil and gas company that operated the Cowden #1 oil well and associated tank battery located about 300 ft east-northeast.

7.4 Interviews with Local Government Officials

No interviews with Local Government Officials were conducted as part of this environmental site assessment.

7.5 Interviews with Others

No other interviews were conducted as part of this environmental site assessment.

8.0 FINDINGS, OPINIONS, CONCLUSIONS

8.1 Findings

The Phase I ESA for the subject property located immediately south of 1117 South Knox Avenue, Odessa TX, was performed in conformance with the scope and limitations of ASTM Standard Practice 1527-13. The findings of this Phase I ESA included the following:

- o The subject property was never developed except for the sale of caliche.
- o There are no buildings or structures on the subject property.
- o Since the subject property is outside of city limits no municipal water or sewage providers are available.
- o There are no water wells on the subject property.
- o There has been no past or present oil and gas production on the subject property, including gas gathering and transmission lines, oil and gas wells, tank batteries and other associated equipment related to oil and gas activities.

8.2 Opinions and Conclusions

During the course of this investigation, there was no indication of an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into the soil or groundwater on the subject property.

It is the opinion of Trident Environmental that this assessment has revealed no evidence of "recognized environmental conditions", as defined by the ASTM standard, in connection with the subject property.

9.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Designation: E 1527-13.

Bureau of Economic Geology, University of Texas, The Geologic Atlas of Texas (Pecos Sheet)

GeoSearch, GeoPlus Oil and Gas Report (November 28, 2018)

GeoSearch, GeoPlus Physical Setting Maps (November 28, 2018)

GeoSearch, GeoPlus Water Well Report (November 28, 2018)

GeoSearch, ASTM Radius Report (November 28, 2018)

GeoSearch, Aerial photography for the years 1944, 1954, 1963, 1974, 1982, 1984, 1986, 1996, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, and 2016

Google™ Earth, aerial photography (January 19, 2018)

Railroad Commission of Texas (RRC) Online System and GIS Viewer
<http://www.gisp.rrc.texas.gov/GISViewer2/>

Texas Commission of Environmental Quality Central Registry Query database
<http://www12.tceq.state.tx.us/crpub/index.cfm?fuseaction=home.welcome>

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey
<http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>

Federal Emergency Management Agency (FEMA) National Flood Insurance Program
<https://floodmaps.fema.gov>

United States Geological Survey, Odessa SW topographic quadrangle

FIGURES

Figure 1

Site Vicinity Map

Figure 2

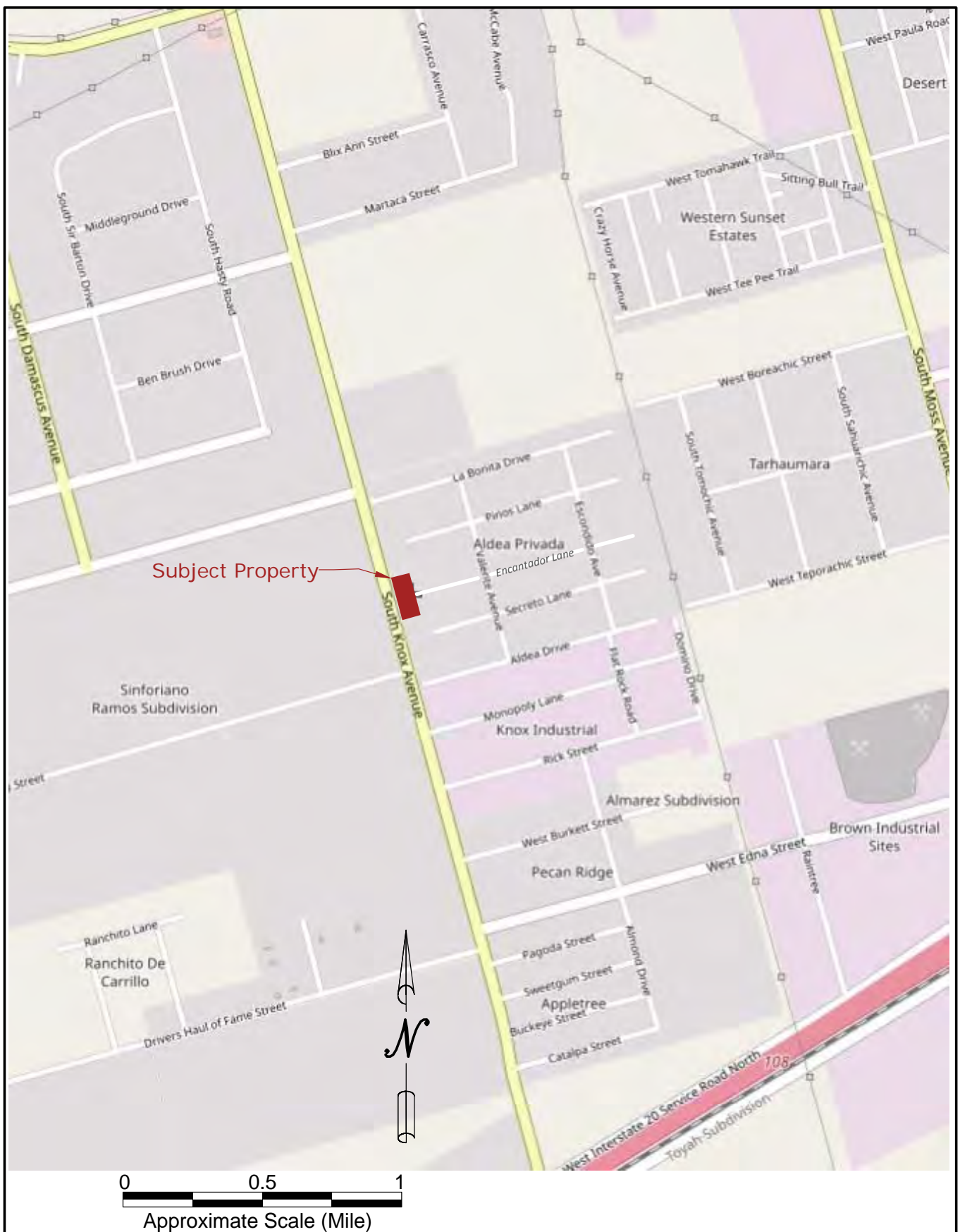
Aldea Privada Subdivision Survey Plat


Figure 3

RRC Map of Oil & Gas Wells and Buried Pipelines

Figure 4

Topographic Map



	<p>ECTOR COUNTY UTILITY DISTRICT PHASE 1 ESA - TRIPP AVENUE ALDEA PRIVADA SUBDIVISION (LOT 1 OF BLK 4 & LOT 8 OF BLK 4) SEC 41, BLK 43, T2S, T&P RR SURVEY ECTOR COUNTY, TEXAS</p>	<p>FIGURE 1 SITE VICINITY MAP</p>
---	---	--

ALDEA PRIVADA

BEING A PLAT OF A 111.82 ACRE TRACT OUT OF
SECTION 32 & 41, BLOCK 43, T-2-S, T&P RY. CO. SURVEY
ECTOR COUNTY, TEXAS

FIGURE 2

PROPERTY MAP

Notes:

The private road shown hereon is the total responsibility of the property owners. Reverse image streets signs, white with red lettering, shall be used to indicate a private road. Ector County assumes no responsibility or maintenance on private roads.

Basis of Bearing is relative to the Texas Coordinate System, 1983 NAD (2011), Central Zone (4203).

The property shown hereon appears to be in Zone X as interpreted from our file copy of Flood Insurance Rate Map Panel for Ector County No. 48135C0350E dated March 15, 2012.

GROUNDWATER SUFFICIENCY DISCLAIMER—THE SOURCE OF THE WATER SUPPLY INTENDED FOR THIS SUBDIVISION IS GROUNDWATER UNDER THE SUBDIVISION LAND. NO GUARANTEE CAN BE MADE THAT ADEQUATE GROUNDWATER UNDER THAT LAND IS AVAILABLE FOR THIS SUBDIVISION.



PREPARED BY:
N3 BRITO
CIVIL ENGINEERING
PLANNING + DESIGN + CONSTRUCTION
TEXAS ENGINEERING BOARD #1706
711-412-651-4901
8840 E UNIVERSITY AVE. 100
FURCO, TEXAS 79726

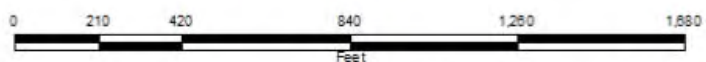
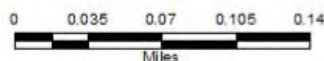
EXPLORER SURVEYING, LLC
BLAZING NEW TRAILS
10000 BARNEY ST. STE. 100 WILLOW, TX 76797
409-585-1524 WWW.EXPLORERSURVEYING.COM



March 6, 2019

1 inch = 376 feet

PREPARED BY:
RAILROAD COMMISSION of TEXAS
P.O. BOX 12967
AUSTIN, TX 78711-2967



Source: RRC Public GIS Viewer

NOTICE/DISCLAIMER: Mapping data sets are provided for informational purposes only. These data sets are continuously being updated and refined. Users are responsible for checking the accuracy, completeness, currency, and/or suitability of these data sets themselves. This is not a survey grade product and should not be used to define or establish survey boundaries.

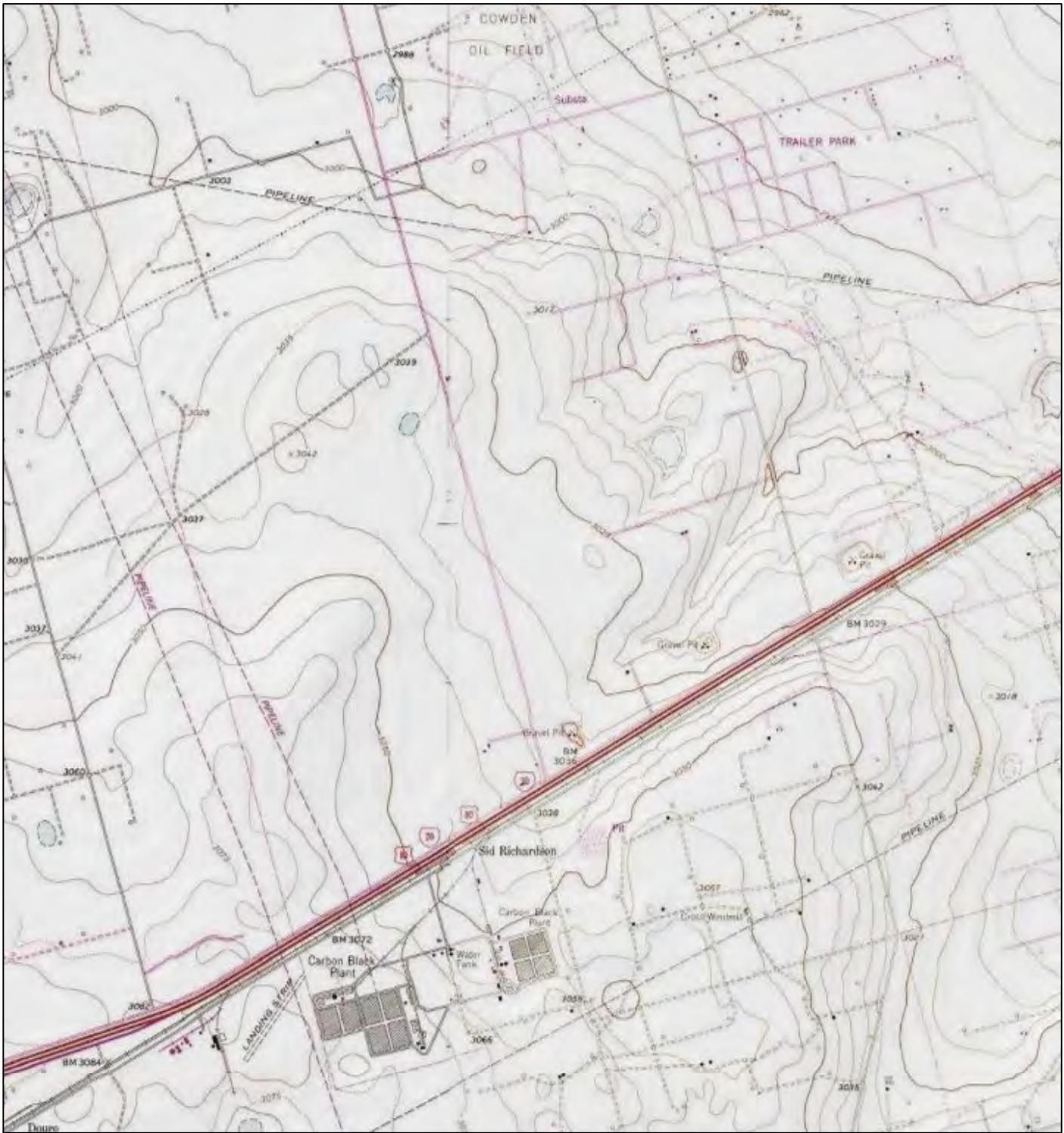


ECTOR COUNTY UTILITY DISTRICT
PHASE 1 ESA - TRIPP AVENUE
ALDEA PRIVADA SUBDIVISION
(Lot 1 of Block 4 and Lot 8 of Block 3)
SEC 41, BLK 43, T2S, T&P RR SURVEY
ECTOR COUNTY, TEXAS

FIGURE 3

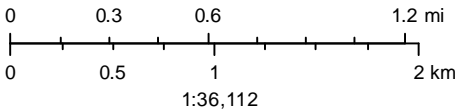
Oil & Gas Wells and
Gathering Pipelines

FIGURE 4: Topographic Map



March 5, 2019

Copyright© 2013 National Geographic Society, i-cubed



TEXAS WATER DEVELOPMENT BOARD

The data in Water Data Interactive represents the best available information provided by the TWDB and third-party cooperators of the TWDB. The TWDB provides information via this web site as a public service. Neither the State of Texas nor the TWDB assumes any legal liability or responsibility or makes any guarantees or warranties as to the accuracy, completeness or suitability of the information for any particular purpose. The TWDB systematically revises or removes data discovered to be incorrect. If you find inaccurate information or have questions, please contact WDI-Support at twdb.texas.gov.

HISTORICAL AERIAL PHOTOGRAPHS

Aerial Research Summary

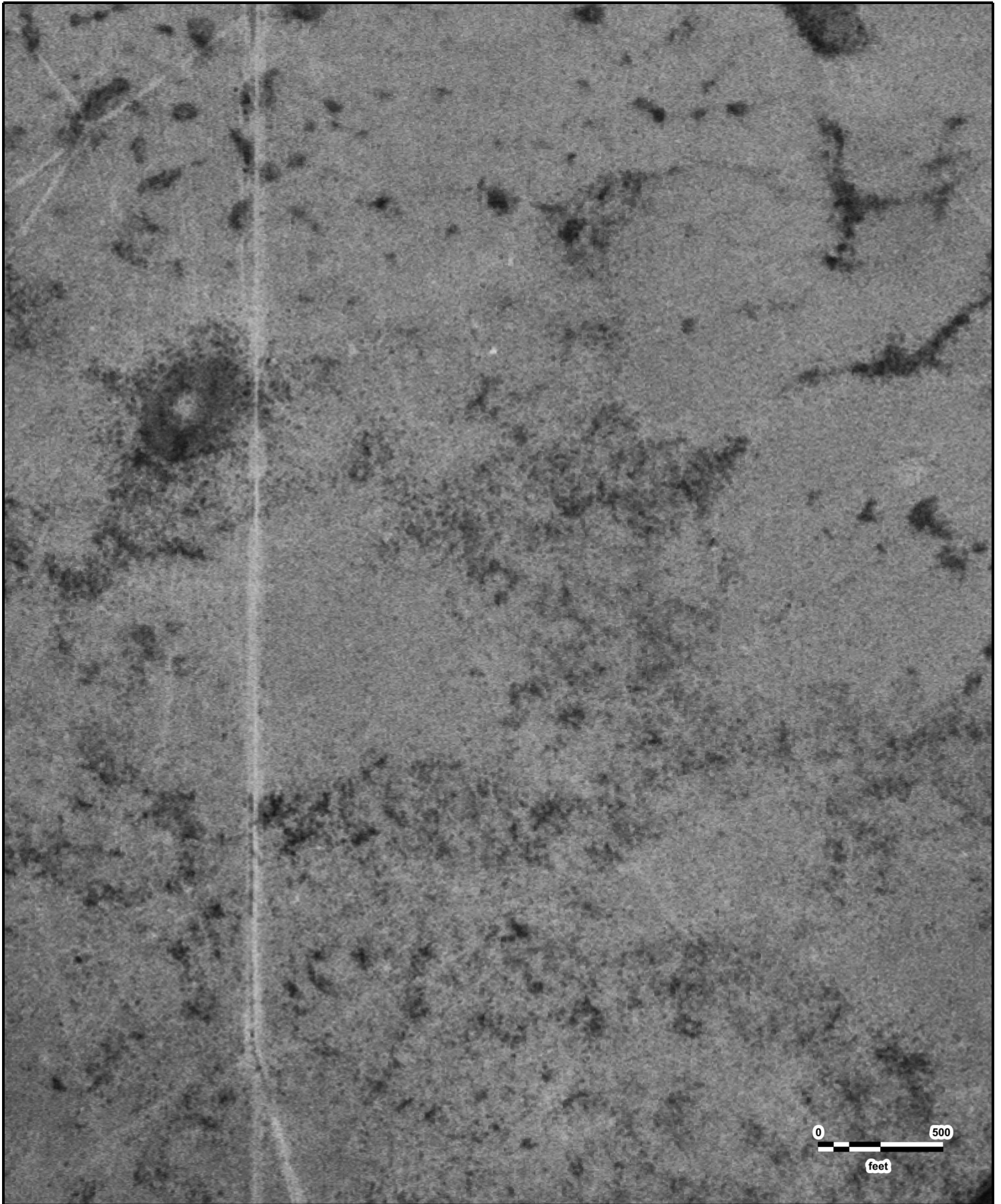
<i>Date</i>	<i>Source</i>	<i>Scale</i>	<i>Frame</i>
2016	USDA	1" = 500'	N/A
2014	USDA	1" = 500'	N/A
2012	USDA	1" = 500'	N/A
2010	USDA	1" = 500'	N/A
2008	USDA	1" = 500'	N/A
2006	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
01/08/1996	USGS	1" = 500'	N/A
03/06/1986	TXDOT	1" = 500'	7-245
10/17/1984	USGS	1" = 500'	155-134
12/06/1982	TXDOT	1" = 500'	7-203
01/29/1974	USGS	1" = 500'	1-252
08/25/1963	USGS	1" = 500'	1-249
05/03/1954	AMS	1" = 500'	1865
11/28/1944	USAF	1" = 1320'	PI-2

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.



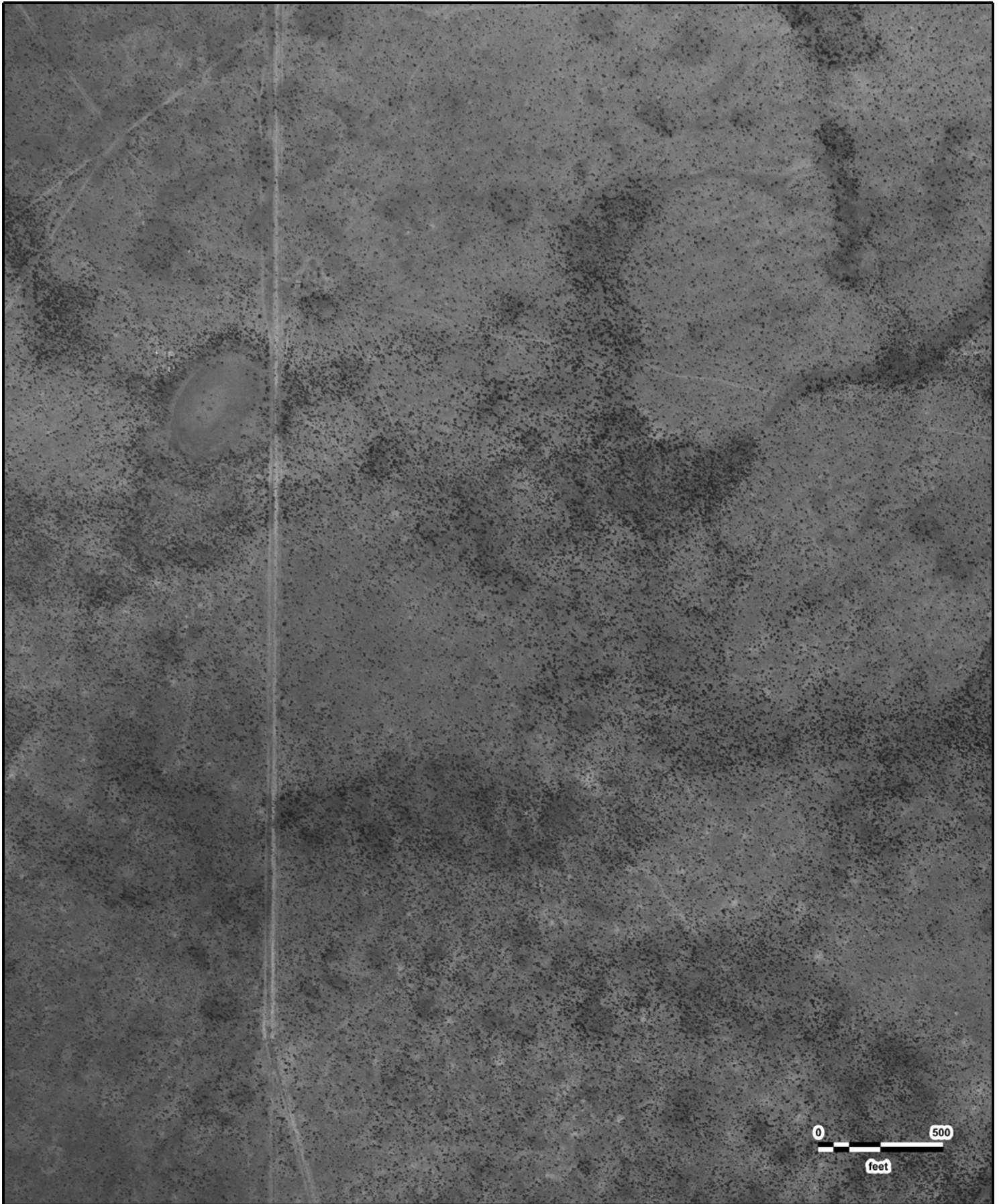
ECUD - Knox Ave
USAF
11/28/1944

GeoSearch



ECUD - Knox Ave
AMS
05/03/1954

GeoSearch



ECUD - Knox Ave
USGS
08/25/1963

GeoSearch



ECUD - Knox Ave
USGS
01/29/1974

GeoSearch



ECUD - Knox Ave
TXDOT
12/06/1982

GeoSearch

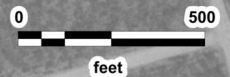


0 500
feet



ECUD - Knox Ave
USGS
10/17/1984

GeoSearch



ECUD - Knox Ave
TXDOT
03/06/1986

GeoSearch



ECUD - Knox Ave
USGS
01/08/1996

GeoSearch



0 500
feet



ECUD - Knox Ave
USDA
2004

GeoSearch



ECUD - Knox Ave
USDA
2005

GeoSearch



ECUD - Knox Ave
USDA
2006

GeoSearch



ECUD - Knox Ave
USDA
2008

GeoSearch



ECUD - Knox Ave
USDA
2010

GeoSearch



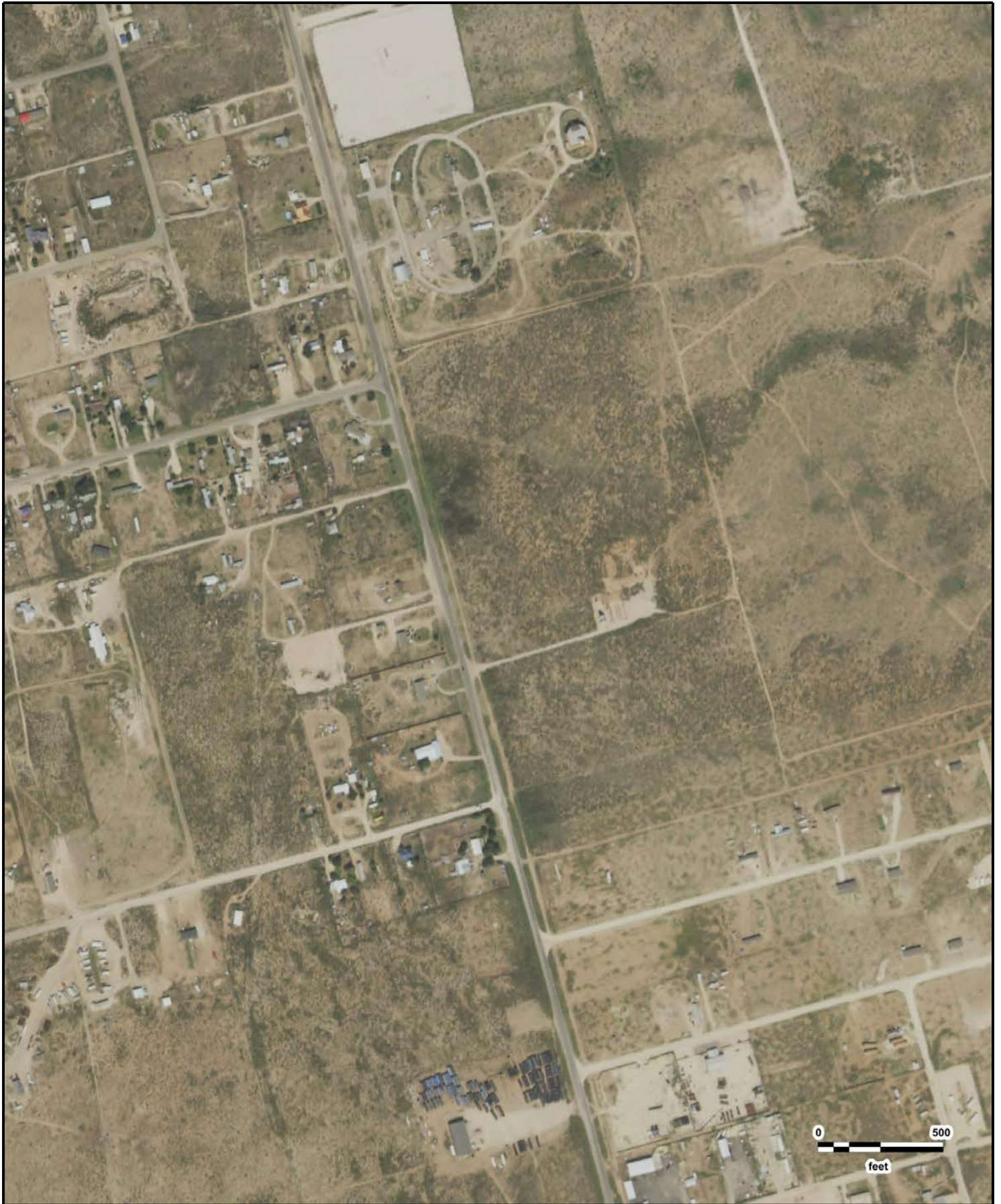
ECUD - Knox Ave
USDA
2012

GeoSearch



ECUD - Knox Ave
USDA
2014

GeoSearch



ECUD - Knox Ave
USDA
2016

GeoSearch



Image Source: GoogleEarth (January 19, 2018)



ECTOR COUNTY UTILITY DISTRICT
PHASE 1 ESA - TRIPP AVE
SEC 41, BLK 43, T2S, T&P RR SURVEY
ECTOR COUNTY, TEXAS

ECUD - Knox Ave
USGS
01/19/2018

**SITE RECONNAISSANCE
PHOTOGRAPHS**



Photo #1: View facing NNW showing subject property (Lot 8 of Block 3) in foreground and neighboring property with mobile home in background.



Photo #2: View facing SSE showing subject property (Lot 1 of Block 4) in foreground and neighboring property with mobile home in background.



Photo #3: View facing west towards Knox Avenue taken midway along east side of subject property



Photo #4: Remains of former tank battery at the former Cowden #1 (API #135-34723) oil well site located 300 ft ENE from subject property

Appendix A


GeoPlus Water Well Report


Recently completed domestic water wells

Recently completed domestic water wells

- Domestic Well
- Mobile Home
- Oil Well

- Domestic Well


 Mobile Home

 Oil Well

Jesus Rodriguez

481181 484739

504388

 Obed Flores

1380


135-35099

1400


141866

1276

49533

 Gutierrez-Sanchez

135-34723

 Alejandro Vasques

501811

Yoel Burrola

502935

504392

1420

S Knox Ave

700 ft

Google Earth



New Domestic Water Wells Recently Constructed in Aldea Privada Subdivision

Tracking #	Latitude	Longitude	Date	Depth	Owner	Street
504388	31.79607	-102.49744	02/20/19	147	JUAN MERCADO	VALENTE
501811	31.79258	-102.49839	01/23/19	165	ALEXANDRO VASQUEZ	KNOX
501808	31.79589	-102.49944	01/22/19	180	JESUS RODRIGUEZ	KNOX
504392	31.79217	-102.49832	01/03/19	165	Nationwide Homes	11760 Aldea dr
502935	31.79240	-102.49780	12/23/18	170	Nationwide Homes	11760 Aldea Dr
496326	31.79645	-102.49767	11/14/18	146	MANUEL SERRANO	PINOS
495331	31.79359	-102.49859	11/08/18	152	A-1 HOMES	11761 PINOS
484739	31.79606	-102.49822	07/02/18	148	CITLAY MEDRANO	PINOS
482910	31.79645	-102.49767	06/21/18	160	MANUEL SERRANO	PRIVADA
481181	31.79606	-102.49822	05/28/18	180	CITLAY MEDRANO	PINOS ST

Target Property Summary

Target Property Information

ECUD - Knox Ave
Knox Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.49876, 31.7943715)

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763

Database Radius Summary

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SDRD	0.5000	2	7	7	62	NS	NS	78
TCEQ	0.5000	0	0	0	0	NS	NS	0
TWDB	0.5000	0	0	0	0	NS	NS	0
WUD	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		2	7	7	62	0	0	78

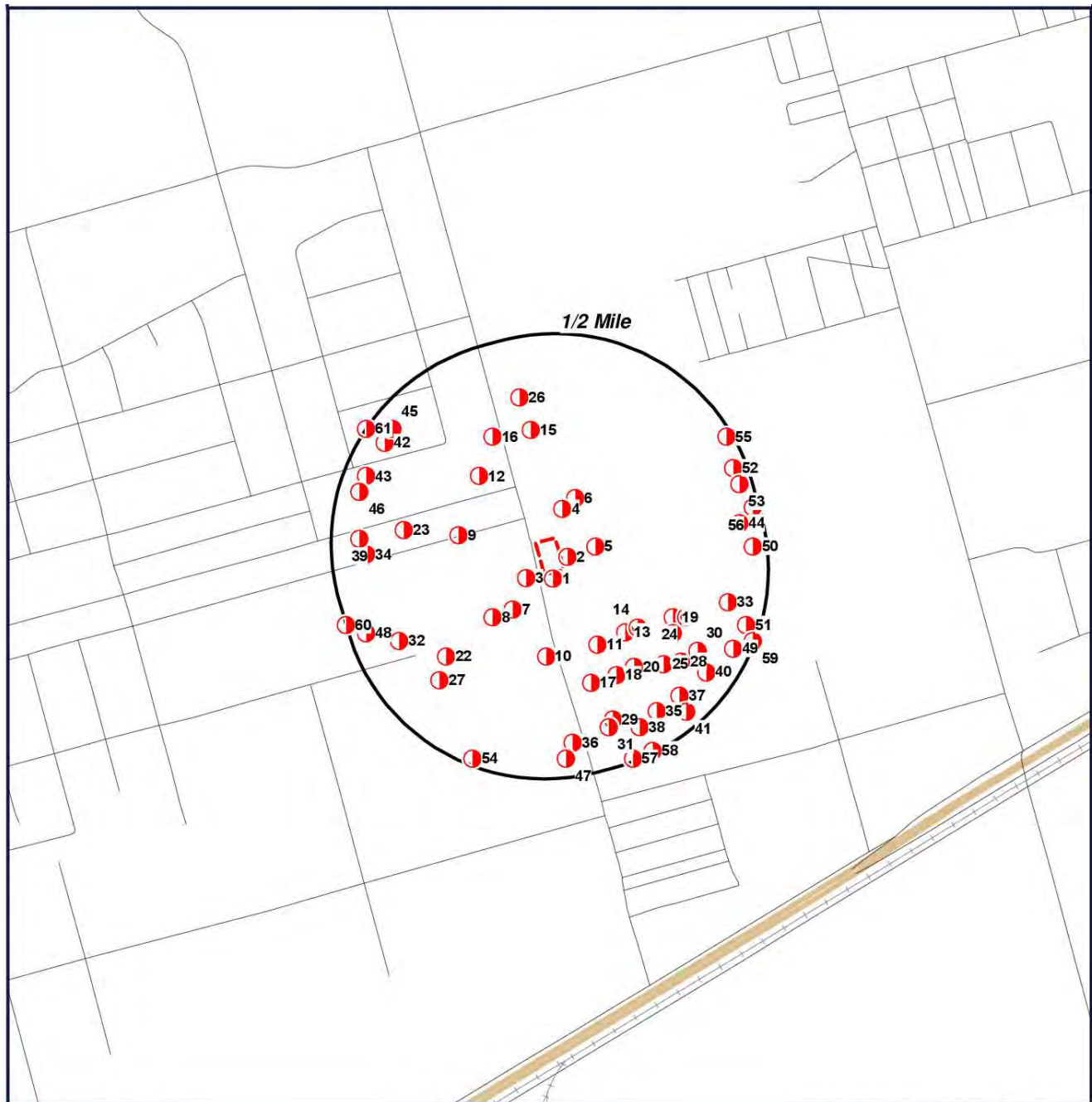
TOTAL		2	7	7	62	0	0	78
-------	--	---	---	---	----	---	---	----

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Waterwell Map



Target Property (TP)
 SDRD

ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763

CONTOUR LINES REPRESENTED IN FEET



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	SDRD	TX488087	0.014 mi. SSE (74 ft.)	OBED FLORES	11761 PINOS, ODESSA, TX 79763	9
2	SDRD	TX458828	0.019 mi. ENE (100 ft.)	BRISY SALCIDO	1100 DOMINO LN, ODESSA, TX 79764	10
3	SDRD	TX141866	0.044 mi. WSW (232 ft.)	REDMAN, LEONARD	1418 S. KNOX, ODESSA, TX	11
4	SDRD	TX481181	0.074 mi. NNE (391 ft.)	CITLAY MEDRANO	PINOS ST, ODESSA, TX 79763	12
4	SDRD	TX484739	0.074 mi. NNE (391 ft.)	CITLAY MEDRANO	PINOS, ODESSA, TX 79763	13
5	SDRD	TX457368	0.091 mi. ENE (480 ft.)	LOUIS RAMON MONTOYA	11349 RICK ST., ODESSA, TX 79764	14
5	SDRD	TX458832	0.091 mi. ENE (480 ft.)	MARIO	RICK ST, ODESSA, TX 79764	15
6	SDRD	TX482910	0.111 mi. NNE (586 ft.)	MANUEL SERRANO	ODESSA, TX	16
7	SDRD	TX346016	0.114 mi. SW (602 ft.)	MICHAEL BRYAN	1450 S. KNOX, ODESSA, TX	17
8	SDRD	TX394155	0.162 mi. SW (855 ft.)	PATRIK WHITE	1462 S. KNOX, ODESSA, TX	18
9	SDRD	TX431605	0.188 mi. W (993 ft.)	MIGUIL ALVARDO	12030 WHIRLAWAY, ODESSA, TX 79763	19
10	SDRD	TX362404	0.2 mi. S (1056 ft.)	DANIELA TORRES	1478 S. KNOX, ODESSA, TX	20
11	SDRD	TX438821	0.202 mi. SSE (1067 ft.)	RAMIRO SALCIDO	11620 MONOPOLY, ODESSA, TX	21
12	SDRD	TX174583	0.214 mi. NW (1130 ft.)	ARMANDO MARQUEZ	12022 WHIRLAWAY, ODESSA, TX 79764	22
13	SDRD	TX412171	0.215 mi. SE (1135 ft.)	CYNTHIA MARTINEZ	11570 MONOPOLY LN, ODESSA, TX	23
14	SDRD	TX411689	0.23 mi. ESE (1214 ft.)	MISAEAL GONZALEZ	LT 7, BLOCK 1(MONOPOLY ST.), ODESSA, TX	24
15	SDRD	TX424880	0.272 mi. NNW (1436 ft.)	JOSE VALDEZ	MONOPOLY, ODESSA, TX 79764	25
16	SDRD	TX359100	0.281 mi. NNW (1484 ft.)	ELIZABETH SALGADO	462 DAMASCUS AVE, ODESSA, TX 79763	26
17	SDRD	TX488227	0.285 mi. SSE (1505 ft.)	JOSE LUIS MENDOZA	ODESSA, TX	27
18	SDRD	TX413283	0.288 mi. SSE (1521 ft.)	DALE WHEELER	11654 RICK ST, ODESSA, TX 79763	28

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
19	SDRD	TX400357	0.292 mi. ESE (1542 ft.)	JESUS & ROSARIO PLATA	11530 W. MONOPOLY #10, ODESSA, TX	29
20	SDRD	TX466776	0.294 mi. SE (1552 ft.)	ARTURO RODRIGUEZ	11640 RICK ST, ODESSA, TX 79763	30
21	SDRD	TX384194	0.31 mi. ESE (1637 ft.)	BELEW INVESTMENT CO.LLC	11539 MONOPLOY LANE, ODESSA, TX 79762	31
21	SDRD	TX384204	0.31 mi. ESE (1637 ft.)	BELEW INVESTMENT COMPANY,LLC	11539 MONOPLOY LANE, ODESSA, TX 79762	32
21	SDRD	TX458910	0.327 mi. ESE (1727 ft.)	CRUZ BANDA	MONOPLOY LN., ODESSA, TX 79764	33
22	SDRD	TX347911	0.312 mi. SW (1647 ft.)	FABIAN AVALOS	1470 S. KNOX, ODESSA, TX	34
23	SDRD	TX458905	0.322 mi. W (1700 ft.)	JESUS PANDO	11601 MONOPOLY LN, ODESSA, TX 79764	35
24	SDRD	TX396313	0.322 mi. ESE (1700 ft.)	ULISES TARANGO	11520 MONOPOLY LANE, ODESSA, TX	36
25	SDRD	TX460397	0.337 mi. SE (1779 ft.)	SANTIAGO GUZMAN/JUANITA ZAPATA	11610 RICK ST, ODESSA, TX 79763	37
26	SDRD	TX269444	0.355 mi. NNW (1874 ft.)	EFFRIN PARRA	ODESSA, TX 79764	38
26	SDRD	TX269446	0.355 mi. NNW (1874 ft.)	EFFRIN PARRA	TOMACHIC, ODESSA, TX 79764	39
26	SDRD	TX270844	0.355 mi. NNW (1874 ft.)	EFFRIN PARRA	TOMACHIC, ODESSA, TX 79764	40
26	SDRD	TX270845	0.355 mi. NNW (1874 ft.)	EFFRIN PARRA	TOPARACHIC, ODESSA, TX 79764	41
26	SDRD	TX270851	0.355 mi. NNW (1874 ft.)	EFFRIN PARRA	TOMACHIC, ODESSA, TX 79764	42
27	SDRD	TX223183	0.363 mi. SW (1917 ft.)	CARLOS CARRASCO	1470 S. KNOX, ODESSA, TX	43
28	SDRD	TX374212	0.368 mi. ESE (1943 ft.)	B & H DEVELOPMENTS	KNOX & RICK, ODESSA, TX 79763	44
28	SDRD	TX421745	0.366 mi. ESE (1932 ft.)	B&H DEVELOPMENT	11538 RICK ST. LOT 12, ODESSA, TX 79735	45
29	SDRD	TX328134	0.386 mi. SSE (2038 ft.)	SANDRA BARRAZA	11668 W. BURKETT ST, ODESSA, TX	46
29	SDRD	TX399807	0.367 mi. SSE (1938 ft.)	JOSE SOLIS	11663 RICKS ST, ODESSA, TX	47

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
30	SDRD	TX405948	0.384 mi. ESE (2028 ft.)	DENIA ESCONTRIAS	11500 RICK ST, ODESSA, TX	48
31	SDRD	TX381620	0.399 mi. SSE (2107 ft.)	CURTIS ESTILL	KNOX RD.& RICK ST., ODESSA, TX 79763	49
31	SDRD	TX409182	0.401 mi. SSE (2117 ft.)	GARCIA TRUCKING/JESUS GARCIA	1571 S. KNOX, ODESSA, TX 76763	50
32	SDRD	TX141437	0.389 mi. WSW (2054 ft.)	MARUICO POSADAS	KNOX, WORLEYWAY & DRIVER HALL, ODESSA, TX 79764	51
33	SDRD	TX428606	0.411 mi. E (2170 ft.)	MICHAEL LONG	11300 W. MONOPOLY, ODESSA, TX 79763	52
34	SDRD	TX325180	0.414 mi. W (2186 ft.)	JAMIE VAUSE	12161 W. WHIRLAWAY, ODESSA, TX	53
35	SDRD	TX466941	0.415 mi. SE (2191 ft.)	HENRY CARRASCO	ODESSA, TX 79763	54
35	SDRD	TX470937	0.425 mi. SE (2244 ft.)	COWBOY CUSTOM HOMES LLC	11616 W. BURKETT, ODESSA, TX 79763	55
36	SDRD	TX294861	0.417 mi. SSE (2202 ft.)	FERNANDO FRANCO	1568 S. KOX, ODESSA, TX	56
37	SDRD	TX295858	0.434 mi. SE (2292 ft.)	DAVID DEVITT	11606 W BURKETT, ODESSA, TX 79763	57
37	SDRD	TX311364	0.434 mi. SE (2292 ft.)	DAVID DEVITT	11606 W. BURKETT, ODESSA, TX	58
37	SDRD	TX396220	0.419 mi. SE (2212 ft.)	ROSEYRA GALLARDO	LOT 4 BLOCK 5 KNOX, ODESSA, TX	59
38	SDRD	TX350966	0.428 mi. SSE (2260 ft.)	WHITE WATER TRUCKING	I-20 & KNOX AVE, ODESSA, TX 79763	60
39	SDRD	TX328671	0.43 mi. W (2270 ft.)	JAMIE VAUSE	12161 W. WHIRLAWAY, ODESSA, TX	61
40	SDRD	TX447864	0.43 mi. ESE (2270 ft.)	GERANDO CASTILLO	RCK ST., ODESSA, TX 7963	62
41	SDRD	TX304199	0.459 mi. SE (2424 ft.)	MIKE BELEW	1701 S. KNOX & EDNA, ODESSA, TX	63
42	SDRD	TX484204	0.442 mi. WNW (2334 ft.)	TRILLO OROZCO REGINO	12258 W CITATION, ODESSA, TX 79763	64
43	SDRD	TX231763	0.445 mi. WNW (2350 ft.)	GARY BALDERAS	12705 W. CITATION, ODESSA, TX	65
44	SDRD	TX206969	0.446 mi. ENE (2355 ft.)	EFRAIN PARRA	MOSS RD, ODESSA, TX 79764	66
45	SDRD	TX382025	0.447 mi. NW (2360 ft.)	JOE FLORES	12248 W. CITATION DR., ODESSA, TX	67
46	SDRD	TX386315	0.448 mi. WNW (2365 ft.)	ROSALINDA HERNENDEZ	12293 W. CITATION DR., ODESSA, TX	68

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
47	SDRD	TX294299	0.452 mi. S (2387 ft.)	FERNANDO FRANCO	1568 S. KNOX, ODESSA, TX	69
48	SDRD	TX311807	0.458 mi. WSW (2418 ft.)	JOSE GOMEZ	2332 N REBACCA AVE., ODESSA, TX 79763	70
49	SDRD	TX374221	0.458 mi. ESE (2418 ft.)	B & H DEVELOPMENTS	KNOX & RICK, ODESSA, TX 79763	71
50	SDRD	TX185215	0.467 mi. E (2466 ft.)	EFRAIN PARRA	MOSS RD, ODESSA, TX 79764	72
51	SDRD	TX396296	0.468 mi. ESE (2471 ft.)	BRISSEY SALCIDO	1100 DOMINO AVE, ODESSA, TX	73
52	SDRD	TX185222	0.468 mi. ENE (2471 ft.)	EFRAIN PARRA	MOSS, ODESSA, TX 79764	74
52	SDRD	TX206970	0.468 mi. ENE (2471 ft.)	EFRAIN PARRA	MOSS RD, ODESSA, TX 79764	75
53	SDRD	TX185219	0.471 mi. ENE (2487 ft.)	EFRAIN PARRA	MOSS, ODESSA, TX 79764	76
53	SDRD	TX381681	0.482 mi. ENE (2545 ft.)	BELEW INVESTMENT CO.	1146 DOMINO DRIVE, ODESSA, TX 79763	77
54	SDRD	TX302735	0.482 mi. SSW (2545 ft.)	FRANCISCO PINA	2911 OJINAGA, ODESSA, TX 79763	78
55	SDRD	TX249137	0.487 mi. ENE (2571 ft.)	EFFRIN PARRA	TOMACHIC, ODESSA, TX 79764	79
56	SDRD	TX148091	0.488 mi. ENE (2577 ft.)	UBELIA OLIVAS	1020 TOMOCHIC, ODESSA, TX 79762	80
57	SDRD	TX369614	0.492 mi. SSE (2598 ft.)	CESAR ZAMBRANO	1665 W. BURKETT ST, ODESSA, TX	81
58	SDRD	TX357140	0.494 mi. SSE (2608 ft.)	ANA FERNANDEZ	11645 BURKETT, ODESSA, TX 79763	82
59	SDRD	TX382047	0.495 mi. ESE (2614 ft.)	BELEW INVESTMENT CO. LLC	1146 DOMINO DRIVE, ODESSA, TX 79763	83
59	SDRD	TX382048	0.495 mi. ESE (2614 ft.)	BELEW INVESTMENT CO. LLC	1146 DOMINO DRIVE, ODESSA, TX 79763	84
60	SDRD	TX157763	0.499 mi. WSW (2635 ft.)	HUGO LUJAN	12012 W APRIL, ODESSA, TX 79764	85
61	SDRD	TX69344	0.499 mi. WNW (2635 ft.)	ALFONSO HINOJOS	12281 BENBRUSH, ODESSA, TX 79763	86

Submitted Drillers Report Database (SDRD)

[MAP ID# 1](#)

Distance from Property: 0.014 mi. (74 ft.) SSE

ID #: **TX488087**

TRACK #: **488087**

DATE ENTERED: **2018-08-28**

OWNER NAME: **OBED FLORES**

OWNER ADDRESS: **11761 PINOS
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.793594000** LONGITUDE: **-102.498592000**

WELL LOG:

DRILLING DATE (STARTED): **2018-08-23**

DRILLING DATE (COMPLETED): **2018-08-23**

DEPTH DRILLED: **150'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 271
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 2](#)

Distance from Property: 0.019 mi. (100 ft.) ENE

ID #: **TX458828**

TRACK #: **458828**

DATE ENTERED: **2017-08-28**

OWNER NAME: **BRISSY SALCIDO**

OWNER ADDRESS: **1100 DOMINO LN
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.794361000** LONGITUDE: **-102.498000000**

WELL LOG:

DRILLING DATE (STARTED): **2017-04-25**

DRILLING DATE (COMPLETED): **2017-04-25**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **150 FT.'**

WATER LEVEL DATE: **2017-04-25**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 3](#)

Distance from Property: 0.044 mi. (232 ft.) WSW

ID #: **TX141866**

TRACK #: **141866**

DATE ENTERED: **2008-05-15**

OWNER NAME: **REDMAN, LEONARD**

OWNER ADDRESS: **1216 S. KNOX**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.793611000**

LONGITUDE: **-102.499722000**

WELL LOG:

DRILLING DATE (STARTED): **2008-04-29**

DRILLING DATE (COMPLETED): **2008-04-29**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 4](#)

Distance from Property: 0.074 mi. (391 ft.) NNE

ID #: **TX481181**

TRACK #: **481181**

DATE ENTERED: **2018-06-04**

OWNER NAME: **CITLAY MEDRANO**

OWNER ADDRESS: **PINOS ST
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.796063000** LONGITUDE: **-102.498216000**

WELL LOG:

DRILLING DATE (STARTED): **2018-05-29**

DRILLING DATE (COMPLETED): **2018-05-29**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 4](#)

Distance from Property: 0.074 mi. (391 ft.) NNE

ID #: **TX484739**

TRACK #: **484739**

DATE ENTERED: **2018-07-19**

OWNER NAME: **CITLAY MEDRANO**

OWNER ADDRESS: **PINOS**

ODESSA, TX 79763

COUNTY: **ECTOR**

LATITUDE: **31.796063000**

LONGITUDE: **-102.498216000**

WELL LOG:

DRILLING DATE (STARTED): **2018-07-02**

DRILLING DATE (COMPLETED): **2018-07-03**

DEPTH DRILLED: **148'**

WATER LEVEL:

STATIC LEVEL: **129 FT.'**

WATER LEVEL DATE: **2018-07-03**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 271**

ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 5](#)

Distance from Property: 0.091 mi. (480 ft.) ENE

ID #: **TX457368**

TRACK #: **457368**

DATE ENTERED: **2017-08-07**

OWNER NAME: **LOUIS RAMON MONTOYA**

OWNER ADDRESS: **11349 RICK ST.**

ODESSA, TX 79764

COUNTY: **ECTOR**

LATITUDE: **31.794722000**

LONGITUDE: **-102.496833000**

WELL LOG:

DRILLING DATE (STARTED): **2017-06-02**

DRILLING DATE (COMPLETED): **2017-06-02**

DEPTH DRILLED: **165'**

WATER LEVEL:

STATIC LEVEL: **120 FT.'**

WATER LEVEL DATE: **2017-06-02**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 5](#)

Distance from Property: 0.091 mi. (480 ft.) ENE

ID #: **TX458832**

TRACK #: **458832**

DATE ENTERED: **2017-08-28**

OWNER NAME: **MARIO**

OWNER ADDRESS: **RICK ST
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.794722000** LONGITUDE: **-102.496833000**

WELL LOG:

DRILLING DATE (STARTED): **2017-07-17**

DRILLING DATE (COMPLETED): **2017-07-17**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **150 FT.'**

WATER LEVEL DATE: **2017-07-17**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 6](#)

Distance from Property: 0.111 mi. (586 ft.) NNE

ID #: **TX482910**

TRACK #: **482910**

DATE ENTERED: **2018-06-25**

OWNER NAME: **MANUEL SERRANO**

OWNER ADDRESS: **14630 N HOLLYHOCK
GARDENDALE, TX 79758**

COUNTY: **ECTOR**

LATITUDE: **31.796450000** LONGITUDE: **-102.497669000**

WELL LOG:

DRILLING DATE (STARTED): **2018-06-22**

DRILLING DATE (COMPLETED): **2018-06-22**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 7](#)

Distance from Property: 0.114 mi. (602 ft.) SW

ID #: **TX346016**

TRACK #: **346016**

DATE ENTERED: **2013-11-08**

OWNER NAME: **MICHAEL BRYAN**

OWNER ADDRESS: **1450 S. KNOX**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.792500000**

LONGITUDE: **-102.500278000**

WELL LOG:

DRILLING DATE (STARTED): **2013-09-09**

DRILLING DATE (COMPLETED): **2013-09-09**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 8](#)

Distance from Property: 0.162 mi. (855 ft.) SW

ID #: **TX394155**

TRACK #: **394155**

DATE ENTERED: **2015-05-04**

OWNER NAME: **PATRIK WHITE**

OWNER ADDRESS: **1462 S. KNOX**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.792222000**

LONGITUDE: **-102.501112000**

WELL LOG:

DRILLING DATE (STARTED): **2015-03-02**

DRILLING DATE (COMPLETED): **2015-03-02**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 9](#)

Distance from Property: 0.188 mi. (993 ft.) W

ID #: **TX431605**

TRACK #: **431605**

DATE ENTERED: **2016-09-12**

OWNER NAME: **MIGUIL ALVARDO**

OWNER ADDRESS: **12030 WHIRLAWAY
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.795128000** LONGITUDE: **-102.502531000**

WELL LOG:

DRILLING DATE (STARTED): **2016-08-18**

DRILLING DATE (COMPLETED): **2016-08-18**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **2016-08-18**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 10](#)

Distance from Property: 0.2 mi. (1,056 ft.) S

ID #: **TX362404**

TRACK #: **362404**

DATE ENTERED: **2014-05-13**

OWNER NAME: **DANIELA TORRES**

OWNER ADDRESS: **PO BOX 70309**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.790834000**

LONGITUDE: **-102.498889000**

WELL LOG:

DRILLING DATE (STARTED): **2014-04-11**

DRILLING DATE (COMPLETED): **2014-04-11**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 11](#)

Distance from Property: 0.202 mi. (1,067 ft.) SSE

ID #: **TX438821**

TRACK #: **438821**

DATE ENTERED: **2016-12-13**

OWNER NAME: **RAMIRO SALCIDO**

OWNER ADDRESS: **218 E. CALCUTTA
ODESSA, TX 79766**

COUNTY: **ECTOR**

LATITUDE: **31.791250000** LONGITUDE: **-102.496750000**

WELL LOG:

DRILLING DATE (STARTED): **2016-10-25**

DRILLING DATE (COMPLETED): **2016-10-25**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 12](#)

Distance from Property: 0.214 mi. (1,130 ft.) NW

ID #: **TX174583**

TRACK #: **174583**

DATE ENTERED: **2009-04-13**

OWNER NAME: **ARMANDO MARQUEZ**

OWNER ADDRESS: **12025 WHIRLAWAY
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.797222000** LONGITUDE: **-102.501667000**

WELL LOG:

DRILLING DATE (STARTED): **2009-03-30**

DRILLING DATE (COMPLETED): **2009-03-31**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **140 FT.'**

WATER LEVEL DATE: **2009-03-31**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 13](#)

Distance from Property: 0.215 mi. (1,135 ft.) SE

ID #: **TX412171**

TRACK #: **412171**

DATE ENTERED: **2016-01-05**

OWNER NAME: **CYNTHIA MARTINEZ**

OWNER ADDRESS: **PO BOX 70356
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.791700000** LONGITUDE: **-102.495600000**

WELL LOG:

DRILLING DATE (STARTED): **2015-11-06**

DRILLING DATE (COMPLETED): **2015-11-06**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 14](#)

Distance from Property: 0.23 mi. (1,214 ft.) ESE

ID #: **TX411689**

TRACK #: **411689**

DATE ENTERED: **2015-12-23**

OWNER NAME: **MISAEEL GONZALEZ**

OWNER ADDRESS: **13656 W. WHIRLWIND
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.791867000** LONGITUDE: **-102.495083000**

WELL LOG:

DRILLING DATE (STARTED): **2015-10-29**

DRILLING DATE (COMPLETED): **2015-10-29**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 15](#)

Distance from Property: 0.272 mi. (1,436 ft.) NNW

ID #: **TX424880**

TRACK #: **424880**

DATE ENTERED: **2016-06-24**

OWNER NAME: **JOSE VALDEZ**

OWNER ADDRESS: **MONOPOLY
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.798861000** LONGITUDE: **-102.499528000**

WELL LOG:

DRILLING DATE (STARTED): **2016-06-15**

DRILLING DATE (COMPLETED): **2016-06-20**

DEPTH DRILLED: **156'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **2016-06-20**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 16](#)

Distance from Property: 0.281 mi. (1,484 ft.) NNW

ID #: **TX359100**

TRACK #: **359100**

DATE ENTERED: **2014-04-10**

OWNER NAME: **ELIZABETH SALGADO**

OWNER ADDRESS: **462 DAMASCUS AVENUE
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.798611000** LONGITUDE: **-102.501112000**

WELL LOG:

DRILLING DATE (STARTED): **2014-04-04**

DRILLING DATE (COMPLETED): **2014-04-04**

DEPTH DRILLED: **172'**

WATER LEVEL:

STATIC LEVEL: **160 FT.'**

WATER LEVEL DATE: **2014-04-04**

TYPE OF WATER: **N/A**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 17](#)

Distance from Property: 0.285 mi. (1,505 ft.) SSE

ID #: **TX488227**

TRACK #: **488227**

DATE ENTERED: **2018-08-29**

OWNER NAME: **JOSE LUIS MENDOZA**

OWNER ADDRESS: **1132 BLACKSHEAR ST
ODESSA, TX 79761**

COUNTY: **ECTOR**

LATITUDE: **31.789896000** LONGITUDE: **-102.497015000**

WELL LOG:

DRILLING DATE (STARTED): **2018-07-04**

DRILLING DATE (COMPLETED): **2018-07-04**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 18](#)

Distance from Property: 0.288 mi. (1,521 ft.) SSE

ID #: **TX413283**

TRACK #: **413283**

DATE ENTERED: **2016-01-19**

OWNER NAME: **DALE WHEELER**

OWNER ADDRESS: **PO BOX 53431
MIDLAND, TX 76710**

COUNTY: **ECTOR**

LATITUDE: **31.790183000** LONGITUDE: **-102.495967000**

WELL LOG:

DRILLING DATE (STARTED): **2015-11-24**

DRILLING DATE (COMPLETED): **2015-11-24**

DEPTH DRILLED: **176'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 19](#)

Distance from Property: 0.292 mi. (1,542 ft.) ESE

ID #: **TX400357**

TRACK #: **400357**

DATE ENTERED: **2015-07-27**

OWNER NAME: **JESUS & ROSARIO PLATA**

OWNER ADDRESS: **3965 PENBROOK APT #135**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.792222000**

LONGITUDE: **-102.493611000**

WELL LOG:

DRILLING DATE (STARTED): **2015-07-18**

DRILLING DATE (COMPLETED): **2015-07-18**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 20](#)

Distance from Property: 0.294 mi. (1,552 ft.) SE

ID #: **TX466776**

TRACK #: **466776**

DATE ENTERED: **2017-12-12**

OWNER NAME: **ARTURO RODRIGUEZ**

OWNER ADDRESS: **11640 RICK ST
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.790466000** LONGITUDE: **-102.495222000**

WELL LOG:

DRILLING DATE (STARTED): **2017-11-10**

DRILLING DATE (COMPLETED): **2017-11-10**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 21](#)

Distance from Property: 0.31 mi. (1,637 ft.) ESE

ID #: **TX384194**

TRACK #: **384194**

DATE ENTERED: **2014-12-22**

OWNER NAME: **BELEW INVESTMENT CO.LLC**

OWNER ADDRESS: **1931 E.37TH SUITE 9
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.791667000** LONGITUDE: **-102.493611000**

WELL LOG:

DRILLING DATE (STARTED): **2014-12-04**

DRILLING DATE (COMPLETED): **2014-12-05**

DEPTH DRILLED: **161'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **PRESAGE ENVIRONMENTAL, INC.**

COMPANY ADDRESS: **P.O. BOX 288
BROWNFIELD, TX 79316**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 21](#)

Distance from Property: 0.31 mi. (1,637 ft.) ESE

ID #: **TX384204**

TRACK #: **384204**

DATE ENTERED: **2014-12-22**

OWNER NAME: **BELEW INVESTMENT COMPANY,LLC**

OWNER ADDRESS: **1931 E. 37TH. STREET. SUITE 9
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.791667000** LONGITUDE: **-102.493611000**

WELL LOG:

DRILLING DATE (STARTED): **2014-12-04**

DRILLING DATE (COMPLETED): **2014-12-05**

DEPTH DRILLED: **161'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **PRESAGE ENVIRONMENTAL, INC**

COMPANY ADDRESS: **P.O. BOX 288
BROWNFIELD, TX 79316**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 21](#)

Distance from Property: 0.327 mi. (1,727 ft.) ESE

ID #: **TX458910**

TRACK #: **458910**

DATE ENTERED: **2017-08-29**

OWNER NAME: **CRUZ BANDA**

OWNER ADDRESS: **MONOPLOY LN.
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.791750000** LONGITUDE: **-102.493217000**

WELL LOG:

DRILLING DATE (STARTED): **2017-06-19**

DRILLING DATE (COMPLETED): **2017-06-20**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **150 FT.'**

WATER LEVEL DATE: **2017-06-20**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 22](#)

Distance from Property: 0.312 mi. (1,647 ft.) SW

ID #: **TX347911**

TRACK #: **347911**

DATE ENTERED: **2013-11-27**

OWNER NAME: **FABIAN AVALOS**

OWNER ADDRESS: **1470 S. KNOX**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.790834000**

LONGITUDE: **-102.503056000**

WELL LOG:

DRILLING DATE (STARTED): **2013-10-31**

DRILLING DATE (COMPLETED): **2013-10-31**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 23](#)

Distance from Property: 0.322 mi. (1,700 ft.) W

ID #: **TX458905**

TRACK #: **458905**

DATE ENTERED: **2017-08-29**

OWNER NAME: **JESUS PANDO**

OWNER ADDRESS: **11601 MONOPOLY LN
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.795306000** LONGITUDE: **-102.504806000**

WELL LOG:

DRILLING DATE (STARTED): **2017-02-15**

DRILLING DATE (COMPLETED): **2017-02-15**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **150 FT.'**

WATER LEVEL DATE: **2017-02-15**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 24](#)

Distance from Property: 0.322 mi. (1,700 ft.) ESE

ID #: **TX396313**

TRACK #: **396313**

DATE ENTERED: **2015-06-02**

OWNER NAME: **ULISES TARANGO**

OWNER ADDRESS: **1301 HAIRLESS AVE #1015**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.792222000**

LONGITUDE: **-102.493056000**

WELL LOG:

DRILLING DATE (STARTED): **2015-05-18**

DRILLING DATE (COMPLETED): **2015-05-18**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 25](#)

Distance from Property: 0.337 mi. (1,779 ft.) SE

ID #: **TX460397**

TRACK #: **460397**

DATE ENTERED: **2017-09-18**

OWNER NAME: **SANTIAGO GUZMAN/JUANITA ZAPATA**

OWNER ADDRESS: **711 HUDSON AVE
ODESSA, TX 79761**

COUNTY: **ECTOR**

LATITUDE: **31.790560000** LONGITUDE: **-102.494003000**

WELL LOG:

DRILLING DATE (STARTED): **2017-07-21**

DRILLING DATE (COMPLETED): **2017-07-21**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 26](#)

Distance from Property: 0.355 mi. (1,874 ft.) NNW

ID #: **TX269444**

TRACK #: **269444**

DATE ENTERED: **2011-10-24**

OWNER NAME: **EFFRIN PARRA**

OWNER ADDRESS: **TOMACHIC
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.800001000** LONGITUDE: **-102.500001000**

WELL LOG:

DRILLING DATE (STARTED): **2011-10-10**

DRILLING DATE (COMPLETED): **2011-10-12**

DEPTH DRILLED: **134'**

WATER LEVEL:

STATIC LEVEL: **34 FT.'**

WATER LEVEL DATE: **2011-10-12**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL INC.**

COMPANY ADDRESS: **P.O. BOX 295
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 26](#)

Distance from Property: 0.355 mi. (1,874 ft.) NNW

ID #: **TX269446**

TRACK #: **269446**

DATE ENTERED: **2011-10-24**

OWNER NAME: **EFFRIN PARRA**

OWNER ADDRESS: **TOMACHIC
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.800001000** LONGITUDE: **-102.500001000**

WELL LOG:

DRILLING DATE (STARTED): **2011-10-12**

DRILLING DATE (COMPLETED): **2011-10-14**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **100 FT.'**

WATER LEVEL DATE: **2011-10-14**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL INC.**

COMPANY ADDRESS: **P.O. BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 26](#)

Distance from Property: 0.355 mi. (1,874 ft.) NNW

ID #: **TX270844**

TRACK #: **270844**

DATE ENTERED: **2011-11-07**

OWNER NAME: **EFFRIN PARRA**

OWNER ADDRESS: **12065 DORIS AVE
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.800001000** LONGITUDE: **-102.500001000**

WELL LOG:

DRILLING DATE (STARTED): **2011-10-14**

DRILLING DATE (COMPLETED): **2011-10-18**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **115 FT.'**

WATER LEVEL DATE: **2011-10-14**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL INC**

COMPANY ADDRESS: **P.O. BOX
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 26](#)

Distance from Property: 0.355 mi. (1,874 ft.) NNW

ID #: **TX270845**

TRACK #: **270845**

DATE ENTERED: **2011-11-07**

OWNER NAME: **EFFRIN PARRA**

OWNER ADDRESS: **12065 DORIS AVE
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.800001000** LONGITUDE: **-102.500001000**

WELL LOG:

DRILLING DATE (STARTED): **2011-10-18**

DRILLING DATE (COMPLETED): **2011-10-19**

DEPTH DRILLED: **128'**

WATER LEVEL:

STATIC LEVEL: **117 FT.'**

WATER LEVEL DATE: **2011-10-19**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P.O. BOX 295
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 26](#)

Distance from Property: 0.355 mi. (1,874 ft.) NNW

ID #: **TX270851**

TRACK #: **270851**

DATE ENTERED: **2011-11-08**

OWNER NAME: **EFFRIN PARRA**

OWNER ADDRESS: **12065 DORIS AVE
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.800001000** LONGITUDE: **-102.500001000**

WELL LOG:

DRILLING DATE (STARTED): **2011-10-14**

DRILLING DATE (COMPLETED): **2011-10-18**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **115 FT.'**

WATER LEVEL DATE: **2011-10-14**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL INC**

COMPANY ADDRESS: **P.O. BOX
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 27](#)

Distance from Property: 0.363 mi. (1,917 ft.) SW

ID #: **TX223183**

TRACK #: **223183**

DATE ENTERED: **2010-07-14**

OWNER NAME: **CARLOS CARRASCO**

OWNER ADDRESS: **1409 W. UNIVERSITY**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.790000000**

LONGITUDE: **-102.503334000**

WELL LOG:

DRILLING DATE (STARTED): **2010-06-25**

DRILLING DATE (COMPLETED): **2010-06-25**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W. 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 28](#)

Distance from Property: 0.368 mi. (1,943 ft.) ESE

ID #: **TX374212**

TRACK #: **374212**

DATE ENTERED: **2014-09-10**

OWNER NAME: **B & H DEVELOPMENTS**

OWNER ADDRESS: **1931 E. 37TH
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.790834000** LONGITUDE: **-102.493056000**

WELL LOG:

DRILLING DATE (STARTED): **2014-08-13**

DRILLING DATE (COMPLETED): **2014-08-13**

DEPTH DRILLED: **167'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **2014-08-13**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 28](#)

Distance from Property: 0.366 mi. (1,932 ft.) ESE

ID #: **TX421745**

TRACK #: **421745**

DATE ENTERED: **2016-05-05**

OWNER NAME: **B&H DEVELOPMENT**

OWNER ADDRESS: **1931 E. 37TH
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.790650000** LONGITUDE: **-102.493267000**

WELL LOG:

DRILLING DATE (STARTED): **2016-03-08**

DRILLING DATE (COMPLETED): **2016-03-08**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 29](#)

Distance from Property: 0.386 mi. (2,038 ft.) SSE

ID #: **TX328134**

TRACK #: **328134**

DATE ENTERED: **2013-07-29**

OWNER NAME: **SANDRA BARRAZA**

OWNER ADDRESS: **1103 YELLOWSTONE DR.**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.788611000**

LONGITUDE: **-102.496111000**

WELL LOG:

DRILLING DATE (STARTED): **2013-06-19**

DRILLING DATE (COMPLETED): **2013-06-19**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 29](#)

Distance from Property: 0.367 mi. (1,938 ft.) SSE

ID #: **TX399807**

TRACK #: **399807**

DATE ENTERED: **2015-07-20**

OWNER NAME: **JOSE SOLIS**

OWNER ADDRESS: **6425 RIDERS RD**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.788889000**

LONGITUDE: **-102.496111000**

WELL LOG:

DRILLING DATE (STARTED): **2015-06-09**

DRILLING DATE (COMPLETED): **2015-06-09**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 30](#)

Distance from Property: 0.384 mi. (2,028 ft.) ESE

ID #: **TX405948**

TRACK #: **405948**

DATE ENTERED: **2015-10-05**

OWNER NAME: **DENIA ESCONTRIAS**

OWNER ADDRESS: **11645 W. BURKETT
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.791033000** LONGITUDE: **-102.492583000**

WELL LOG:

DRILLING DATE (STARTED): **2015-08-12**

DRILLING DATE (COMPLETED): **2015-08-12**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 31](#)

Distance from Property: 0.399 mi. (2,107 ft.) SSE

ID #: **TX381620**

TRACK #: **381620**

DATE ENTERED: **2014-11-18**

OWNER NAME: **CURTIS ESTILL**

OWNER ADDRESS: **7102 50TH ST.**

LUBBOCK, TX 79407

COUNTY: **ECTOR**

LATITUDE: **31.788334000**

LONGITUDE: **-102.496389000**

WELL LOG:

DRILLING DATE (STARTED): **2014-10-29**

DRILLING DATE (COMPLETED): **2014-10-30**

DEPTH DRILLED: **168'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **PRESAGE ENVIROMENTAL,INC.**

COMPANY ADDRESS: **P O BOX 288**

BROWNFIELD, TX 79316

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 31](#)

Distance from Property: 0.401 mi. (2,117 ft.) SSE

ID #: **TX409182**

TRACK #: **409182**

DATE ENTERED: **2015-11-16**

OWNER NAME: **GARCIA TRUCKING/JESUS GARCIA**

OWNER ADDRESS: **1571 S. KNOX**

ODESSA, TX 76763

COUNTY: **ECTOR**

LATITUDE: **31.788333000**

LONGITUDE: **-102.496283000**

WELL LOG:

DRILLING DATE (STARTED): **2015-09-22**

DRILLING DATE (COMPLETED): **2015-09-22**

DEPTH DRILLED: **176'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 32](#)

Distance from Property: 0.389 mi. (2,054 ft.) WSW

ID #: **TX141437**

TRACK #: **141437**

DATE ENTERED: **2008-05-08**

OWNER NAME: **MARUICO POSADAS**

OWNER ADDRESS: **508 BRECKENRIDGE
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.791389000** LONGITUDE: **-102.505001000**

WELL LOG:

DRILLING DATE (STARTED): **2008-04-28**

DRILLING DATE (COMPLETED): **2008-04-28**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **150 FT.'**

WATER LEVEL DATE: **2008-04-28**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 33](#)

Distance from Property: 0.411 mi. (2,170 ft.) E

ID #: **TX428606**

TRACK #: **428606**

DATE ENTERED: **2016-08-05**

OWNER NAME: **MICHAEL LONG**

OWNER ADDRESS: **11300 W. MONOPOLY
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.792750000** LONGITUDE: **-102.491317000**

WELL LOG:

DRILLING DATE (STARTED): **2016-06-30**

DRILLING DATE (COMPLETED): **2016-06-30**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 34](#)

Distance from Property: 0.414 mi. (2,186 ft.) W

ID #: **TX325180**

TRACK #: **325180**

DATE ENTERED: **2013-07-18**

OWNER NAME: **JAMIE VAUSE**

OWNER ADDRESS: **12161 W. WHIRLAWAY**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.794445000**

LONGITUDE: **-102.506389000**

WELL LOG:

DRILLING DATE (STARTED): **2013-06-25**

DRILLING DATE (COMPLETED): **2013-06-25**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 35](#)

Distance from Property: 0.415 mi. (2,191 ft.) SE

ID #: **TX466941**

TRACK #: **466941**

DATE ENTERED: **2017-12-14**

OWNER NAME: **HENRY CARRASCO**

OWNER ADDRESS: **1610 CORONADO
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.788898000** LONGITUDE: **-102.494288000**

WELL LOG:

DRILLING DATE (STARTED): **2017-11-29**

DRILLING DATE (COMPLETED): **2017-11-29**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 35](#)

Distance from Property: 0.425 mi. (2,244 ft.) SE

ID #: **TX470937**

TRACK #: **470937**

DATE ENTERED: **2018-02-15**

OWNER NAME: **COWBOY CUSTOM HOMES LLC**

OWNER ADDRESS: **2438 INDUSTRIAL BLVD
ABILENE, TX 79605**

COUNTY: **ECTOR**

LATITUDE: **31.788900000** LONGITUDE: **-102.493983000**

WELL LOG:

DRILLING DATE (STARTED): **2018-01-24**

DRILLING DATE (COMPLETED): **2018-01-24**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 36](#)

Distance from Property: 0.417 mi. (2,202 ft.) SSE

ID #: **TX294861**

TRACK #: **294861**

DATE ENTERED: **2012-08-07**

OWNER NAME: **FERNANDO FRANCO**

OWNER ADDRESS: **# 35 BROKEN BOW**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.787778000**

LONGITUDE: **-102.497778000**

WELL LOG:

DRILLING DATE (STARTED): **2012-06-20**

DRILLING DATE (COMPLETED): **2012-06-20**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING CO.**

COMPANY ADDRESS: **4223 W. 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 37](#)

Distance from Property: 0.434 mi. (2,292 ft.) SE

ID #: **TX295858**

TRACK #: **295858**

DATE ENTERED: **2012-08-17**

OWNER NAME: **DAVID DEVITT**

OWNER ADDRESS: **6524 87TH**

LUBBOCK, TX 79424

COUNTY: **ECTOR**

LATITUDE: **31.789167000**

LONGITUDE: **-102.493334000**

WELL LOG:

DRILLING DATE (STARTED): **2012-08-17**

DRILLING DATE (COMPLETED): **2012-08-17**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **DARRELL CRASS DRILLING COMPANY**

COMPANY ADDRESS: **PO BOX 60031**

MIDLAND, TX 79711

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 37](#)

Distance from Property: 0.434 mi. (2,292 ft.) SE

ID #: **TX311364**

TRACK #: **311364**

DATE ENTERED: **2013-02-13**

OWNER NAME: **DAVID DEVITT**

OWNER ADDRESS: **6524 87TH**

LUBBOCK, TX 79424

COUNTY: **ECTOR**

LATITUDE: **31.789167000**

LONGITUDE: **-102.493334000**

WELL LOG:

DRILLING DATE (STARTED): **2013-01-02**

DRILLING DATE (COMPLETED): **2013-01-02**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 37](#)

Distance from Property: 0.419 mi. (2,212 ft.) SE

ID #: **TX396220**

TRACK #: **396220**

DATE ENTERED: **2015-06-01**

OWNER NAME: **ROSEYRA GALLARDO**

OWNER ADDRESS: **126 AZTEC AVE**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.789445000**

LONGITUDE: **-102.493334000**

WELL LOG:

DRILLING DATE (STARTED): **2015-04-23**

DRILLING DATE (COMPLETED): **2015-04-23**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 38](#)

Distance from Property: 0.428 mi. (2,260 ft.) SSE

ID #: **TX350966**

TRACK #: **350966**

DATE ENTERED: **2014-01-07**

OWNER NAME: **WHITE WATER TRUCKING**

OWNER ADDRESS: **I-20 & S. KNOX AVENUE
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.788334000** LONGITUDE: **-102.495000000**

WELL LOG:

DRILLING DATE (STARTED): **2013-11-14**

DRILLING DATE (COMPLETED): **2013-11-14**

DEPTH DRILLED: **175'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 39](#)

Distance from Property: 0.43 mi. (2,270 ft.) W

ID #: **TX328671**

TRACK #: **328671**

DATE ENTERED: **2013-07-30**

OWNER NAME: **JAMIE VAUSE**

OWNER ADDRESS: **12161 W. WHIRLAWAY**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.795000000**

LONGITUDE: **-102.506667000**

WELL LOG:

DRILLING DATE (STARTED): **2013-06-25**

DRILLING DATE (COMPLETED): **2013-06-25**

DEPTH DRILLED: **174'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 40](#)

Distance from Property: 0.43 mi. (2,270 ft.) ESE

ID #: **TX447864**

TRACK #: **447864**

DATE ENTERED: **2017-04-27**

OWNER NAME: **GERANDO CASTILLO**

OWNER ADDRESS: **RCK ST.**

ODESSA, TX 7963

COUNTY: **ECTOR**

LATITUDE: **31.790278000**

LONGITUDE: **-102.492222000**

WELL LOG:

DRILLING DATE (STARTED): **2017-02-16**

DRILLING DATE (COMPLETED): **2017-02-16**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **153 FT.'**

WATER LEVEL DATE: **2017-02-16**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 41](#)

Distance from Property: 0.459 mi. (2,424 ft.) SE

ID #: **TX304199**

TRACK #: **304199**

DATE ENTERED: **2012-11-15**

OWNER NAME: **MIKE BELEW**

OWNER ADDRESS: **1701 S. KNOX & EDNA**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.788889000**

LONGITUDE: **-102.493056000**

WELL LOG:

DRILLING DATE (STARTED): **2012-11-06**

DRILLING DATE (COMPLETED): **2012-11-06**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING CO.**

COMPANY ADDRESS: **4223 W. 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 42](#)

Distance from Property: 0.442 mi. (2,334 ft.) WNW

ID #: **TX484204**

TRACK #: **484204**

DATE ENTERED: **2018-07-12**

OWNER NAME: **TRILLO OROZCO REGINO**

OWNER ADDRESS: **12258 W CITATION
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.798400000** LONGITUDE: **-102.505600000**

WELL LOG:

DRILLING DATE (STARTED): **2018-07-06**

DRILLING DATE (COMPLETED): **2018-07-06**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 43](#)

Distance from Property: 0.445 mi. (2,350 ft.) WNW

ID #: **TX231763**

TRACK #: **231763**

DATE ENTERED: **2010-10-04**

OWNER NAME: **GARY BALDERAS**

OWNER ADDRESS: **12709 W. CITATION**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.797222000**

LONGITUDE: **-102.506389000**

WELL LOG:

DRILLING DATE (STARTED): **2007-01-24**

DRILLING DATE (COMPLETED): **2007-01-24**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 WEST 16TH. STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 44](#)

Distance from Property: 0.446 mi. (2,355 ft.) ENE

ID #: **TX206969**

TRACK #: **206969**

DATE ENTERED: **2010-02-04**

OWNER NAME: **EFRAIN PARRA**

OWNER ADDRESS: **12065 DORIS
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.795556000** LONGITUDE: **-102.490834000**

WELL LOG:

DRILLING DATE (STARTED): **2010-01-19**

DRILLING DATE (COMPLETED): **2010-01-20**

DEPTH DRILLED: **139'**

WATER LEVEL:

STATIC LEVEL: **110 FT.'**

WATER LEVEL DATE: **2010-01-20**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 45](#)

Distance from Property: 0.447 mi. (2,360 ft.) NW

ID #: **TX382025**

TRACK #: **382025**

DATE ENTERED: **2014-11-24**

OWNER NAME: **JOE FLORES**

OWNER ADDRESS: **12248 W. CITATION DR.**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.798889000**

LONGITUDE: **-102.505278000**

WELL LOG:

DRILLING DATE (STARTED): **2014-10-03**

DRILLING DATE (COMPLETED): **2014-10-03**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W 16TH ST**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 46](#)

Distance from Property: 0.448 mi. (2,365 ft.) WNW

ID #: **TX386315**

TRACK #: **386315**

DATE ENTERED: **2015-01-22**

OWNER NAME: **ROSALINDA HERNENDEZ**

OWNER ADDRESS: **12293 W. CITATION DR**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.796667000**

LONGITUDE: **-102.506667000**

WELL LOG:

DRILLING DATE (STARTED): **2014-12-03**

DRILLING DATE (COMPLETED): **2014-12-03**

DEPTH DRILLED: **190'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 47](#)

Distance from Property: 0.452 mi. (2,387 ft.) S

ID #: **TX294299**

TRACK #: **294299**

DATE ENTERED: **2012-08-01**

OWNER NAME: **FERNANDO FRANCO**

OWNER ADDRESS: **#35 BROKEN BOW**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.787222000**

LONGITUDE: **-102.498056000**

WELL LOG:

DRILLING DATE (STARTED): **2012-06-20**

DRILLING DATE (COMPLETED): **2012-06-20**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 48](#)

Distance from Property: 0.458 mi. (2,418 ft.) WSW

ID #: **TX311807**

TRACK #: **311807**

DATE ENTERED: **2013-02-20**

OWNER NAME: **JOSE GOMEZ**

OWNER ADDRESS: **2332 N REBACCA AVE.
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.791667000** LONGITUDE: **-102.506389000**

WELL LOG:

DRILLING DATE (STARTED): **2013-01-12**

DRILLING DATE (COMPLETED): **2013-01-21**

DEPTH DRILLED: **165'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **PEARSON DRILLING**

COMPANY ADDRESS: **RT 2 BOX 130
SEMINOLE, TX 79360**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 49](#)

Distance from Property: 0.458 mi. (2,418 ft.) ESE

ID #: **TX374221**

TRACK #: **374221**

DATE ENTERED: **2014-09-10**

OWNER NAME: **B & H DEVELOPMENTS**

OWNER ADDRESS: **1931 E. 37TH
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.791111000** LONGITUDE: **-102.491111000**

WELL LOG:

DRILLING DATE (STARTED): **2014-08-12**

DRILLING DATE (COMPLETED): **2014-08-12**

DEPTH DRILLED: **180'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **2014-08-12**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 50](#)

Distance from Property: 0.467 mi. (2,466 ft.) E

ID #: **TX185215**

TRACK #: **185215**

DATE ENTERED: **2009-07-06**

OWNER NAME: **EFRAIN PARRA**

OWNER ADDRESS: **12065 DORIS
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.794722000** LONGITUDE: **-102.490278000**

WELL LOG:

DRILLING DATE (STARTED): **2009-04-01**

DRILLING DATE (COMPLETED): **2009-04-02**

DEPTH DRILLED: **150'**

WATER LEVEL:

STATIC LEVEL: **125 FT.'**

WATER LEVEL DATE: **2009-04-02**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 51](#)

Distance from Property: 0.468 mi. (2,471 ft.) ESE

ID #: **TX396296**

TRACK #: **396296**

DATE ENTERED: **2015-06-02**

OWNER NAME: **BRISSY SALCIDO**

OWNER ADDRESS: **3115 EISENHOWER RD**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.791945000**

LONGITUDE: **-102.490556000**

WELL LOG:

DRILLING DATE (STARTED): **2015-05-04**

DRILLING DATE (COMPLETED): **2015-05-04**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 52](#)

Distance from Property: 0.468 mi. (2,471 ft.) ENE

ID #: **TX185222**

TRACK #: **185222**

DATE ENTERED: **2009-07-06**

OWNER NAME: **EFRAIN PARRA**

OWNER ADDRESS: **12065 DORIS
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.797500000** LONGITUDE: **-102.491111000**

WELL LOG:

DRILLING DATE (STARTED): **2009-04-06**

DRILLING DATE (COMPLETED): **2009-04-08**

DEPTH DRILLED: **140'**

WATER LEVEL:

STATIC LEVEL: **120 FT.'**

WATER LEVEL DATE: **2009-04-08**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 52](#)

Distance from Property: 0.468 mi. (2,471 ft.) ENE

ID #: **TX206970**

TRACK #: **206970**

DATE ENTERED: **2010-02-04**

OWNER NAME: **EFRAIN PARRA**

OWNER ADDRESS: **12065 DORIS
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.797500000** LONGITUDE: **-102.491111000**

WELL LOG:

DRILLING DATE (STARTED): **2010-02-01**

DRILLING DATE (COMPLETED): **2010-02-02**

DEPTH DRILLED: **140'**

WATER LEVEL:

STATIC LEVEL: **120 FT.'**

WATER LEVEL DATE: **2010-02-02**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 53](#)

Distance from Property: 0.471 mi. (2,487 ft.) ENE

ID #: **TX185219**

TRACK #: **185219**

DATE ENTERED: **2009-07-06**

OWNER NAME: **EFRAIN PARRA**

OWNER ADDRESS: **12065 DORIS
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.796945000** LONGITUDE: **-102.490834000**

WELL LOG:

DRILLING DATE (STARTED): **2009-04-02**

DRILLING DATE (COMPLETED): **2009-04-03**

DEPTH DRILLED: **137'**

WATER LEVEL:

STATIC LEVEL: **125 FT.'**

WATER LEVEL DATE: **2009-04-03**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 53](#)

Distance from Property: 0.482 mi. (2,545 ft.) ENE

ID #: **TX381681**

TRACK #: **381681**

DATE ENTERED: **2014-11-19**

OWNER NAME: **BELEW INVESTMENT CO.**

OWNER ADDRESS: **1931 E. 37TH STREET, SUITE 9
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.796667000** LONGITUDE: **-102.490556000**

WELL LOG:

DRILLING DATE (STARTED): **2014-11-12**

DRILLING DATE (COMPLETED): **2014-11-13**

DEPTH DRILLED: **164'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **PRESAGE ENVIROMENTAL, INC.**

COMPANY ADDRESS: **P.O. BOX 288
BROWNFIELD, TX 79316**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 54](#)

Distance from Property: 0.482 mi. (2,545 ft.) SSW

ID #: **TX302735**

TRACK #: **302735**

DATE ENTERED: **2012-10-29**

OWNER NAME: **FRANCISCO PINA**

OWNER ADDRESS: **2911 OJINAGA
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.787222000** LONGITUDE: **-102.501945000**

WELL LOG:

DRILLING DATE (STARTED): **2012-10-19**

DRILLING DATE (COMPLETED): **2012-10-19**

DEPTH DRILLED: **174'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 55](#)

Distance from Property: 0.487 mi. (2,571 ft.) ENE

ID #: **TX249137**

TRACK #: **249137**

DATE ENTERED: **2011-04-07**

OWNER NAME: **EFFRIN PARRA**

OWNER ADDRESS: **12065 DORIS
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.798611000** LONGITUDE: **-102.491389000**

WELL LOG:

DRILLING DATE (STARTED): **2011-03-24**

DRILLING DATE (COMPLETED): **2011-03-25**

DEPTH DRILLED: **138'**

WATER LEVEL:

STATIC LEVEL: **120 FT.'**

WATER LEVEL DATE: **2011-03-25**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL SERVICE**

COMPANY ADDRESS: **P. O. BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 56](#)

Distance from Property: 0.488 mi. (2,577 ft.) ENE

ID #: **TX148091**

TRACK #: **148091**

DATE ENTERED: **2008-07-31**

OWNER NAME: **UBELIA OLIVAS**

OWNER ADDRESS: **1020 TOMOCHIC
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.796111000** LONGITUDE: **-102.490278000**

WELL LOG:

DRILLING DATE (STARTED): **2008-07-16**

DRILLING DATE (COMPLETED): **2008-07-17**

DEPTH DRILLED: **143'**

WATER LEVEL:

STATIC LEVEL: **124 FT.'**

WATER LEVEL DATE: **2008-07-17**

TYPE OF WATER: **FRESH WATER**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **AAW SERVICES, LLC**

COMPANY ADDRESS: **P.O. BOX 3090
MIDLAND, TX 79702**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 57](#)

Distance from Property: 0.492 mi. (2,598 ft.) SSE

ID #: **TX369614**

TRACK #: **369614**

DATE ENTERED: **2014-07-24**

OWNER NAME: **CESAR ZAMBRANO**

OWNER ADDRESS: **3600 N. MIDLAND DR**

MIDLAND, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.787222000**

LONGITUDE: **-102.495278000**

WELL LOG:

DRILLING DATE (STARTED): **2014-07-15**

DRILLING DATE (COMPLETED): **2014-07-15**

DEPTH DRILLED: **175'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 58](#)

Distance from Property: 0.494 mi. (2,608 ft.) SSE

ID #: **TX357140**

TRACK #: **357140**

DATE ENTERED: **2014-03-19**

OWNER NAME: **ANA FERNANDEZ**

OWNER ADDRESS: **11645 BURKETT
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.787500000** LONGITUDE: **-102.494445000**

WELL LOG:

DRILLING DATE (STARTED): **2014-03-19**

DRILLING DATE (COMPLETED): **2014-03-19**

DEPTH DRILLED: **169'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WEST TEXAS WATER WELL SERVICE**

COMPANY ADDRESS: **3410 MANKINS
ODESSA, TX 79764**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 59](#)

Distance from Property: 0.495 mi. (2,614 ft.) ESE

ID #: **TX382047**

TRACK #: **382047**

DATE ENTERED: **2014-11-24**

OWNER NAME: **BELEW INVESTMENT CO. LLC**

OWNER ADDRESS: **1931 E 37TH SUITE 9
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.791389000** LONGITUDE: **-102.490278000**

WELL LOG:

DRILLING DATE (STARTED): **2014-11-18**

DRILLING DATE (COMPLETED): **2014-11-20**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **PRESAGE ENVIROMENTA,INC.**

COMPANY ADDRESS: **P.O.BOX 288
BROWNFIELD, TX 79316**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 59](#)

Distance from Property: 0.495 mi. (2,614 ft.) ESE

ID #: **TX382048**

TRACK #: **382048**

DATE ENTERED: **2014-11-24**

OWNER NAME: **BELEW INVESTMENT CO. LLC**

OWNER ADDRESS: **1931 E 37TH SUITE 9
ODESSA, TX 79762**

COUNTY: **ECTOR**

LATITUDE: **31.791389000** LONGITUDE: **-102.490278000**

WELL LOG:

DRILLING DATE (STARTED): **2014-11-18**

DRILLING DATE (COMPLETED): **2014-11-20**

DEPTH DRILLED: **160'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **PRESAGE ENVIROMENTA,INC.**

COMPANY ADDRESS: **P.O.BOX 288
BROWNFIELD, TX 79316**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 60](#)

Distance from Property: 0.499 mi. (2,635 ft.) WSW

ID #: **TX157763**

TRACK #: **157763**

DATE ENTERED: **2008-10-30**

OWNER NAME: **HUGO LUJAN**

OWNER ADDRESS: **12012 W APRIL
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.791945000** LONGITUDE: **-102.507223000**

WELL LOG:

DRILLING DATE (STARTED): **2008-09-16**

DRILLING DATE (COMPLETED): **2008-09-16**

DEPTH DRILLED: **177'**

WATER LEVEL:

STATIC LEVEL: **160 FT.'**

WATER LEVEL DATE: **2008-09-16**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 61](#)

Distance from Property: 0.499 mi. (2,635 ft.) WNW

ID #: **TX69344**

TRACK #: **69344**

DATE ENTERED: **2005-10-24**

OWNER NAME: **ALFONSO HINOJOS**

OWNER ADDRESS: **12281 BENBRUSH
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.798889000** LONGITUDE: **-102.506389000**

WELL LOG:

DRILLING DATE (STARTED): **2005-09-30**

DRILLING DATE (COMPLETED): **2005-10-01**

DEPTH DRILLED: **170'**

WATER LEVEL:

STATIC LEVEL: **150 FT.'**

WATER LEVEL DATE: **2005-10-01**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P.O. BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 12/14/16

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

Environmental Records Definitions - STATE (TX)

SDRD Submitted Drillers Report Database

VERSION DATE: 10/24/18

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (A cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 08/01/18

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Environmental Records Definitions - STATE (TX)

Appendix B

Oil & Gas Well Information

FILED ~~DATE~~ 7-8-03
256,950-1350

Plugging Record

133/8 347 ft.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

FORM W-3
Rev. 12/92
EAG0897

API NO. (if available) 135-34723		1 RRC District 08
FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING		4. RRC Lease or Id. Number 29577
2. FIELD NAME (as per RRC Records) Cowden, South (Canyon 8790)	3. Lease Name Cowden	5. Well Number 1
6. OPERATOR Clear Fork, Inc.	6a. Original Form W-1 Filed in Name of: Munn, W.H. Operating	10. County Ector
7. ADDRESS P.O. Box 3095, Abilene, TX 79604	6b. Any Subsequent W-1's Filed in Name of:	11. Date Drilling Permit Issued 11/26/84
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located	1660 Feet From West Line and 1980 Feet From South Line of the Cowden Lease	12. Permit Number 258636
9a. SECTION, BLOCK, AND SURVEY 41 43 T&P T-2-S	9b. Distance and Direction From Nearest Town in this County 2 Miles West from Odessa, TX	13. Date Drilling Commenced 12/1/84
16. Type Well (Oil, Gas, Dry) Oil	Total Depth 8833'	14. Date Drilling Completed 12/26/84
17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s	GAS ID or OIL LEASE #	15. Date Well Plugged 12/05/03
18. If Gas, Amt of Cond. on Hand at time of Plugging	Oil-O Gas-G	
CEMENTING TO PLUG AND ABANDON DATA:		
*19. Cementing Date	PLUG #1	PLUG #2
20. Size of Hole or Pipe in which Plug Placed (inches)	PLUG #3	PLUG #4
21. Depth to Bottom of Tubing or Drill Pipe (ft.)	PLUG #5	PLUG #6
*22. Sacks of Cement Used (each plug)	PLUG #7	PLUG #8
*23. Slurry Volume Pumped (cu. ft.)		
*24. Calculated Top of Plug (ft.)		
25. Measured Top of Plug (if tagged) (ft.)		
*26. Slurry Wt. #/Gal.		
*27. Type Cement		
28. CASING AND TUBING RECORD AFTER PLUGGING		
SIZE	WT.#/FT.	PUT IN WELL (ft.)
13-3/8		347
8-5/8		4450
4-1/2		8830
29. Was any Non-Drillable Material (Other than Casing) Left in This Well <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material. (Use Reverse Side of Form if more space is needed.) Top of fish @ 5390'. Left ~2900' 2 3/8" tub @ 2600' 3/4" rods. Casing collapsed @ 5390 ft.		
30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS		
FROM 8322	TO 8330	
FROM 8400	TO 8635	
FROM 8746	TO 8754	
FROM	TO	
FROM	TO	
FROM	TO	

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.
* Designates items to be completed by Cementing Company. Items not so designated shall be completed by Operator.

Signature of Cementer or Authorized Representative

Basic Energy Services, Inc.
Name of Cementing Company

CERTIFICATE

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct and complete, to the best of my knowledge

REPRESENTATIVE OF COMPANY

Engineer
TITLE

12/16/03
DATE

Phone 325 677-1389
A/C NUMBER

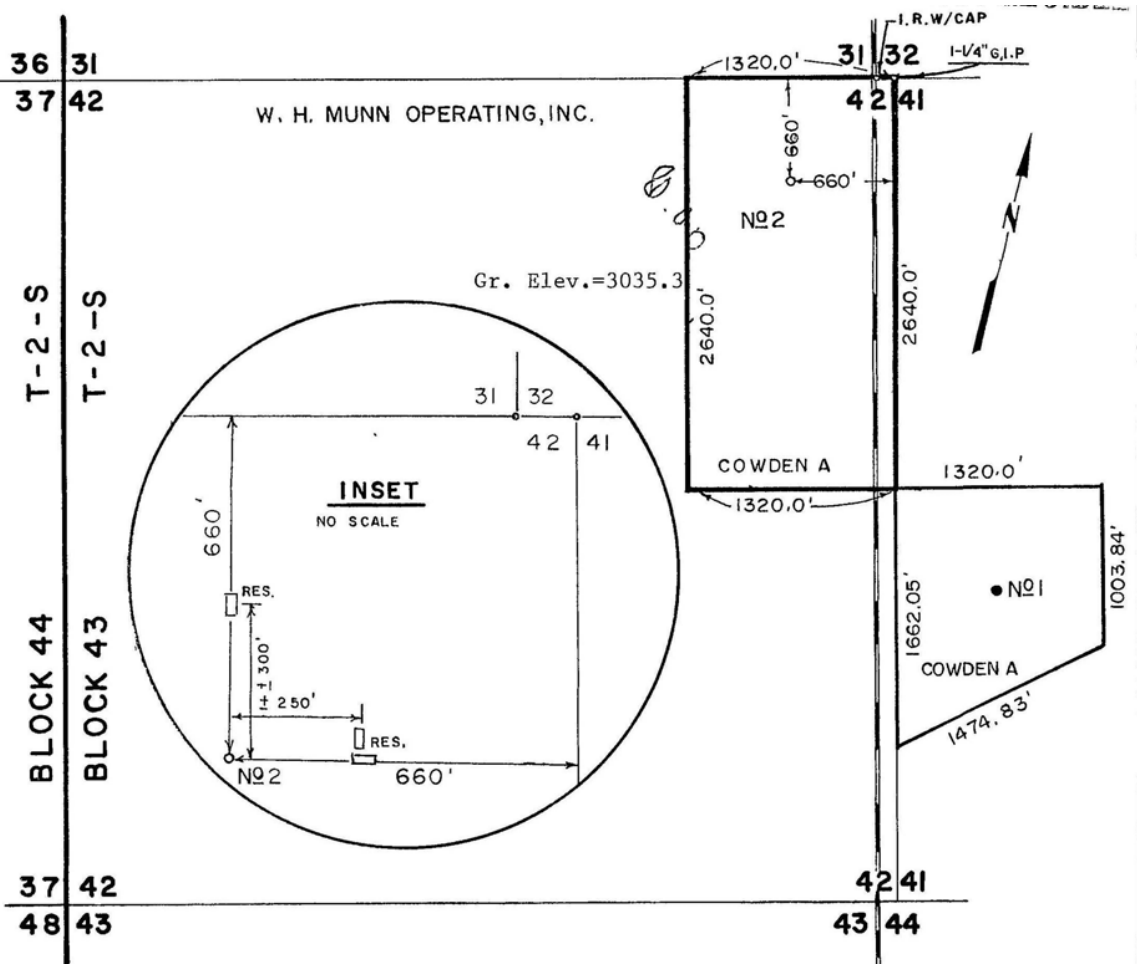
SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

Page 1 of 2

Page 2 of 2

31. Was Well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		32. How was Mud Applied? Mud pump.	33. Mud Weight 10# LBS/GAL
34. Total Depth 8833'	Other Fresh Water Zones by T.D.W.R. TOP _____ BOTTOM _____	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Depth of Deepest Fresh Water 1350'	_____ _____ _____	36. If NO, Explain	
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well Basic Energy Services, Inc. P.O. Box 69526, Odessa, TX 79769		Date RRC District Office notified of plugging 12/01/03	
38. Name(s) and Adresse(s) of Surface Owners of Well Site <u>Cowden, Wright E, Jr Box 2377 Midland, TX 79702</u> <u>Cowden, Carolyn G. Box 482 Midland, TX 79702</u>			
39. Was Notice Given Before Plugging to the Above? <u>Yes</u>			
FILL IN BELOW FOR DRY HOLES ONLY			
40. For Dry Holes, this Form must be accompanied by either a Driller's, Electric, Radioactivity or Acoustical/Sonic Log or such Log must be released to a Commercial Log Service. <input type="checkbox"/> Log Attached <input type="checkbox"/> Log released to _____ Date _____ Type Logs: <input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical/Sonic			
41. Date FORM P-8 (Special Clearance) Filed?			
42. Amount of Oil produced prior to Plugging _____ bbls* * Field FORM P-1 (Oil Production Report) for month this oil was produced			
RRC USE ONLY Nearest Field _____			

REMARKS 12-02-03 Wireline set cmt. ret. @ 5300'. Plug #1 Sqz. 100 sx cmt. below ret. displaced to 5450' WOC would not pressure test. Plug #2 12-03-03 Sqz. 60 sx cmt. below ret. @ 5350' displaced to 5400' WOC & pres. test plug to 1000#. Plug #3 12-03-03 Cap cmt. ret. w/ 10 sx cmt. 5350-5199'. Plug #4 12-03-03 Spot 45 sx cmt. @ 4504-3824' WOC & tag @ 3831'. Plug #5 12-04-03 Spot 15 sx cmt. @ 2900-2674'. Plug #6 12-04-03 Spot 40 sx cmt. @ 1417-1263' WOC & tag @ 1272'. Plug #7 12-05-03 Spot 40 sx cmt. @ 1008-854'. Plug #8 12-05-03 Spot 80 sx cmt. 409-101'. Plug #9 12-05-03 Spot 10 sx cmt. @ 30' to surface.



Denotes Lease Line
The Cowden B No. 1 is located approx. 7 miles West of Odessa, Texas.

Date Surveyed: 9-3-85
Weather: 90° & Clear
Survey Crew: B. Luikens
C. Alderman
D. Logan



I HEREBY CERTIFY THAT THIS PLAT
WAS MADE FROM NOTES TAKEN IN THE FIELD
IN A BONA FIDE SURVEY MADE UNDER MY
SUPERVISION, AND THAT THE SAME IS TRUE
AND CORRECT TO THE BEST OF MY KNOWLEDGE
AND BELIEF.

Ronald J. Eidson
RONALD J. EIDSON TEXAS RPS NO. 1883
N.M. LS NO. 3239

W.H. MUNN OPERATING, INC.

Cowden A#2 660' FNL & 660' FEL, Section 42,
Block 43, T-2-S, T.&P.R.R. Co. Survey, Ector
County, Texas.

JOHN WEST & ASSOCIATES

MIDLAND	TEXAS
Scale: 1"=1000'	Drawn by: F.F. Farkas
Date: 9-6-85	Sheet 1 of 1 Sheets
Rev. Date: 9-11-1985	W.O. No.: L-1985-1020

Target Property Summary

Target Property Information

ECUD - Knox Ave
Knox Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.49876, 31.7943715)

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763

Database Radius Summary

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OGWELLS	0.5000	0	1	2	9	NS	NS	12

SUB-TOTAL		0	1	2	9	0	0	12
-----------	--	---	---	---	---	---	---	----

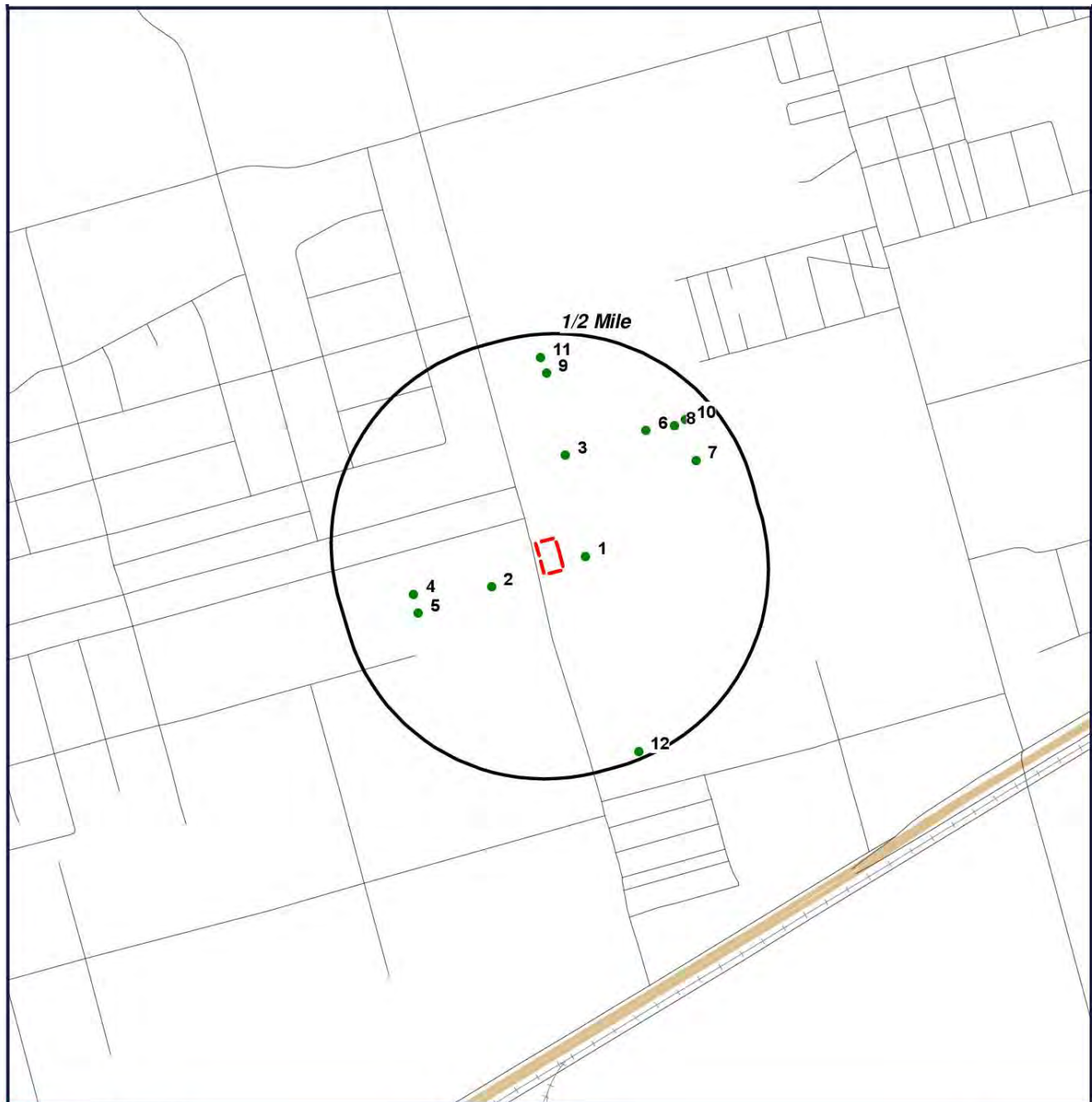
TOTAL		0	1	2	9	0	0	12
-------	--	---	---	---	---	---	---	----

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL & GAS WELL MAP



- Target Property (TP)
- Surface Location

ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'

SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address
1	OGWELLS	408860	0.064 mi. ENE (338 ft.)		
2	OGWELLS	398180	0.128 mi. WSW (676 ft.)		
3	OGWELLS	408854	0.222 mi. N (1172 ft.)		
4	OGWELLS	398178	0.316 mi. WSW (1668 ft.)		
5	OGWELLS	398179	0.317 mi. WSW (1674 ft.)		
6	OGWELLS	408856	0.357 mi. NE (1885 ft.)		
7	OGWELLS	1329701	0.401 mi. ENE (2117 ft.)		
8	OGWELLS	408844	0.412 mi. NE (2175 ft.)		
9	OGWELLS	410793	0.422 mi. N (2228 ft.)		
10	OGWELLS	1363319	0.442 mi. NE (2334 ft.)		
11	OGWELLS	408859	0.461 mi. N (2434 ft.)		
12	OGWELLS	408729	0.465 mi. SSE (2455 ft.)		

Oil & Gas Well Report

MAP ID	SURFACE ID	API #	WELL TYPE	LATITUDE	LONGITUDE
1	408860	13534723	PLUGGED OIL WELL	31.794620150	-102.497279080
2	398180	13535099	OIL WELL	31.793538470	-102.501184740
3	408854	13533799	CANCELED LOCATION	31.798208100	-102.498114640
4	398178	13532732	DRY HOLE	31.793291450	-102.504430200
5	398179	13535213	PLUGGED OIL WELL	31.792616380	-102.504228080
6	408856	13533845	DRY HOLE	31.799068490	-102.494761190
7	1329701	13543497	HORIZONTAL DRAINHOLE	31.798023000	-102.492677000
8	408844	13533106	PLUGGED OIL WELL	31.799253190	-102.493578370
9	410793	13533689	CANCELED LOCATION	31.801119170	-102.498905200
10	1363319	13543625	HORIZONTAL DRAINHOLE	31.799475140	-102.493125210
11	408859	13533612	PLUGGED OIL WELL	31.801672650	-102.499130120
12	408729	13534248	PLUGGED OIL WELL	31.787717050	-102.495058830

Environmental Records Definitions - STATE (TX)

OGWELLS

Oil and Gas Wells

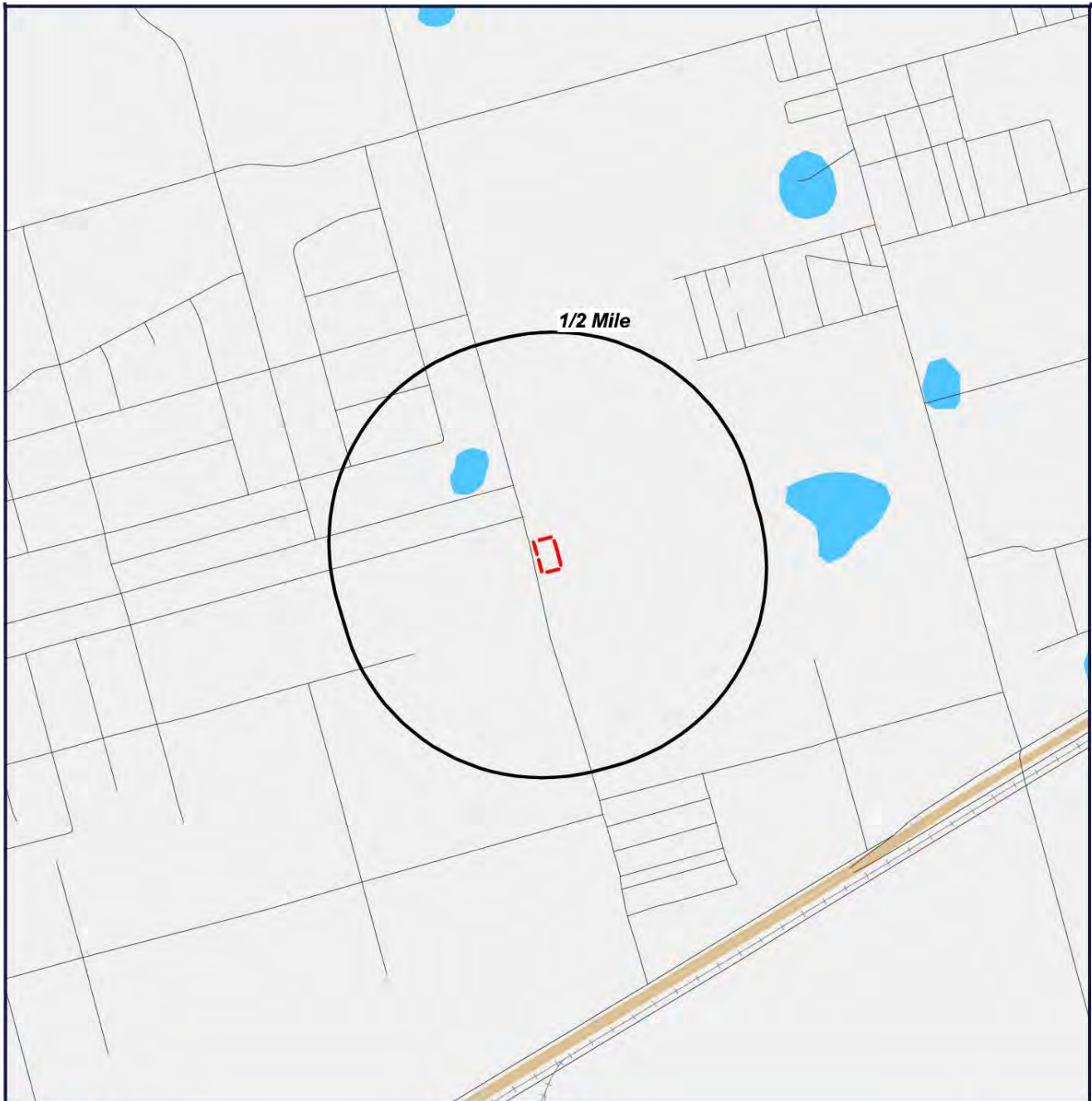
VERSION DATE: 09/27/18


This oil and gas well data set is provided by the Geographic Information System of the Railroad Commission of Texas (the Commission). The data set includes oil and gas well records dating back to the early 1960's, some wells prior to the 1960's are also included with no API and/or a historical API number in place. The Commission shall not be held liable for use of this data, which is provided as a public service for informational purposes only. Users are responsible for checking the accuracy, completeness, currency, and/or suitability of this data set themselves.

Appendix C

GeoPlus Physical Setting Maps

FEMA Map



 Target Property (TP)

	ZONE A		ZONE D
	ZONE AE		ZONE X
	ZONE AH		AREA NOT INCLUDED
	ZONE A0		OPEN WATER
	ZONE AR		NDA - DIGITAL DATA NOT AVAILABLE
	ZONE V		
	ZONE VE		

ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763

Letter of map revision date: 06/11/2018
 Latest study effective date: 02/16/2018
 Panel #: 48135C0330E



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

FEMA Report

FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information. This data was provided by the Federal Emergency Management Agency's Map Service Center in November of 2013.

FEMA Flood Zone Definitions within Search Radius

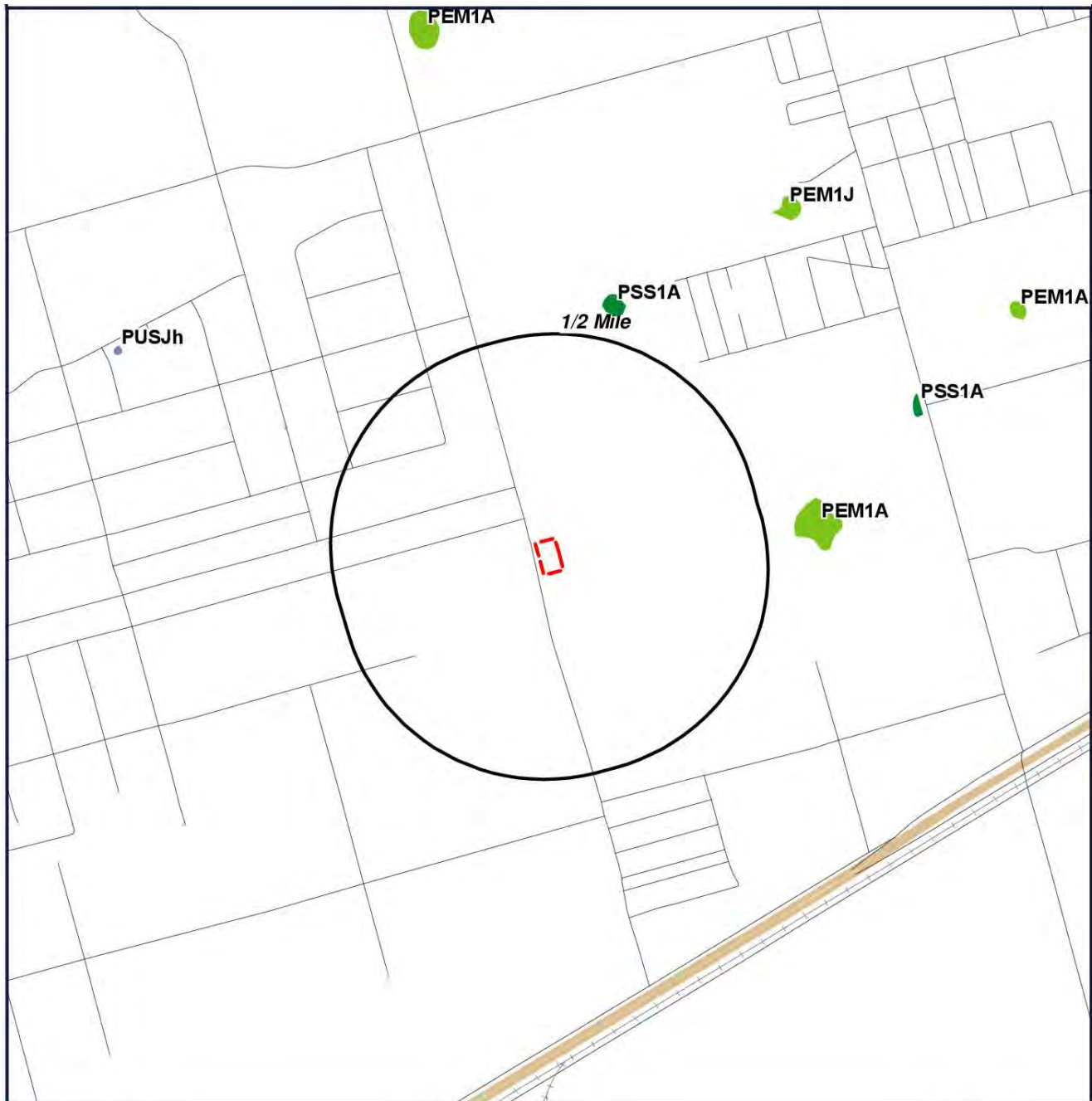
A	Zone A
----------	--------

Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.

X	Zone X
----------	--------

An area that is determined to be outside the 100 and 500 year floodplains.

NWI Map












 Target Property (TP)

ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763

Map Date:



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

	ESTUARINE AND MARINE DEEPWATER		LAKE		FRESHWATER POND
	ESTUARINE AND MARINE WETLAND		OTHER		NDA - DIGITAL DATA NOT AVAILABLE
	FRESHWATER EMERGENT WETLAND		RIVERINE		
	FRESHWATER FORESTED/SHRUB WETLAND				

[Click here to access Satellite view](#)

NWI Report

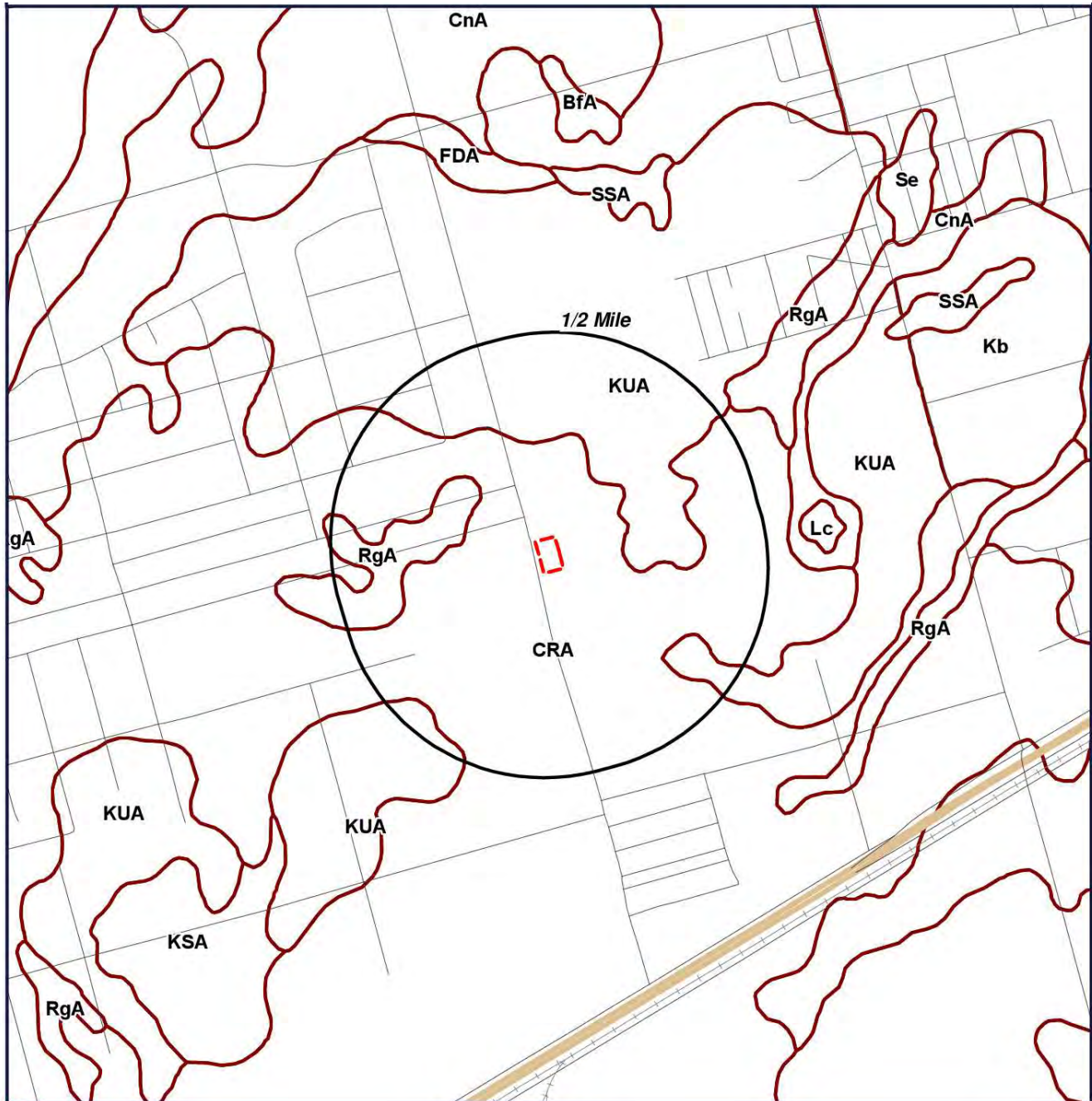
NWI - National Wetlands Inventory


The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.


NWI Definitions within Search Radius

Texas - DIGITAL DATA NOT AVAILABLE

Soil Map



 Target Property (TP)

 SOIL BOUNDARY

 NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

SOIL Report

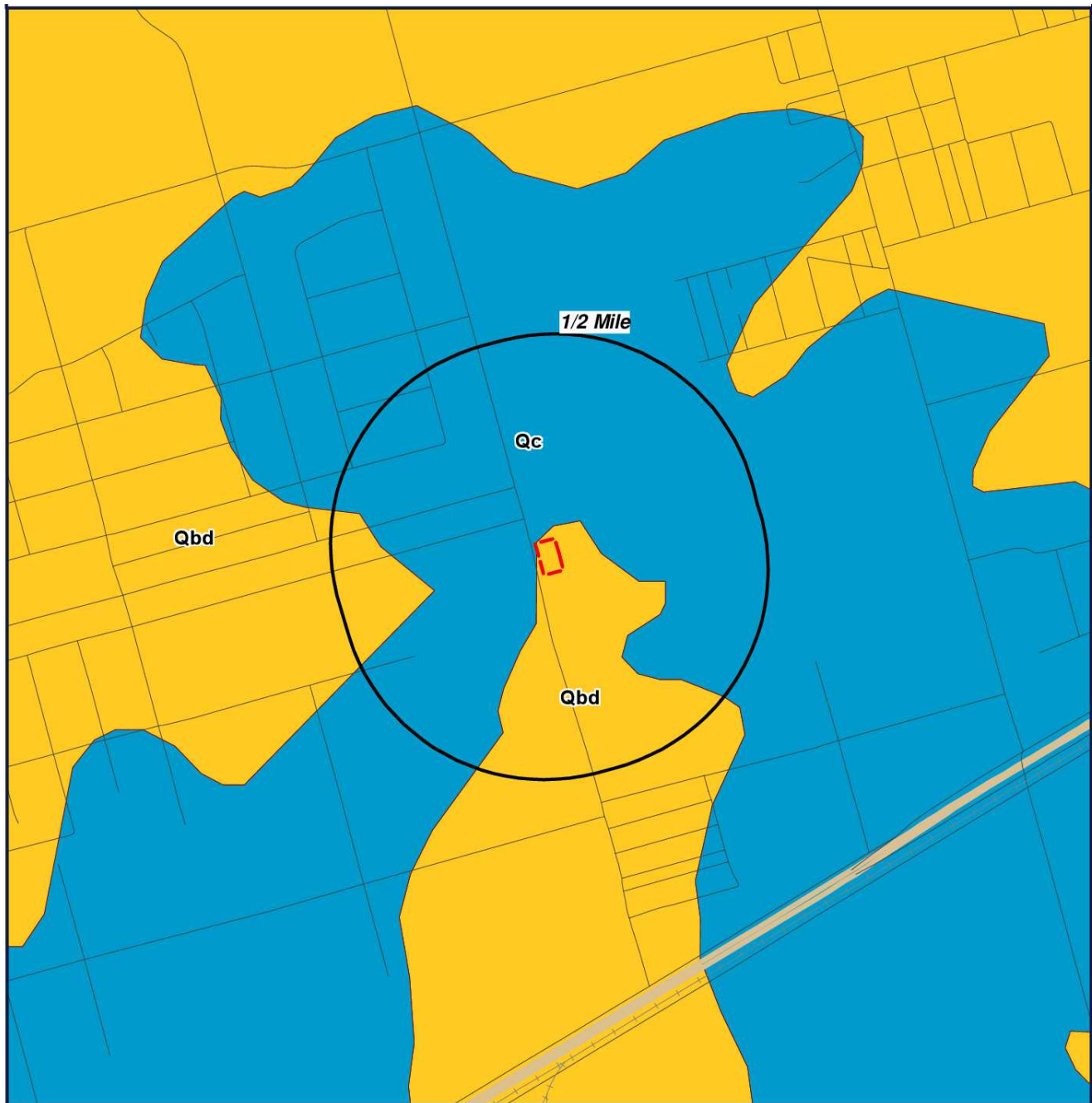
Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

SOIL Code Definitions within Search Radius

CRA	Conger-Reagan association, nearly level
KUA	Kimbrough association, nearly level
RgA	Reagan silty clay loam, 0 to 1 percent slopes

Geology Map



 Target Property (TP)

ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

GEOLOGY Report

US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **Qbd**

UNIT NAME: **Blackwater Draw Formation**

UNIT AGE: **Phanerozoic | Cenozoic | Quaternary | Pleistocene**

UNIT DESCRIPTION:

Blackwater Draw Formation

ADDITIONAL UNIT INFORMATION:

Sand, fine- to medium-grained quartz, silty, calcareous, locally clayey, caliche nodules, massive, grayish red; distinct soil profile; thickness as much as 25 ft. feathers out locally.

ROCKTYPE/S: **sand; silt; clay or mud**

GEOLOGY SYMBOL: **Qc**

UNIT NAME: **caliche deposits**

UNIT AGE: **Phanerozoic | Cenozoic | Quaternary | Pleistocene Holocene**

UNIT DESCRIPTION:

caliche deposits

ADDITIONAL UNIT INFORMATION:

chiefly pedogenic carbonate stripped of covering materials, of several ages, thickness as much as 35 ft

ROCKTYPE/S: **evaporite**

Appendix D

Soil Survey



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Ector and Crane Counties, Texas

ECUD - Elevated Tank Site



March 8, 2019

Custom Soil Resource Report Soil Map



Ector and Crane Counties, Texas

CRA—Conger-Reagan association, nearly level

Map Unit Setting

National map unit symbol: 1yyj
Elevation: 1,500 to 3,600 feet
Mean annual precipitation: 10 to 17 inches
Mean annual air temperature: 61 to 70 degrees F
Frost-free period: 210 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Conger and similar soils: 60 percent
Reagan and similar soils: 30 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Conger

Setting

Landform: Interfluves, ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear, convex
Parent material: Calcareous loamy eolian deposits over indurated

Typical profile

H1 - 0 to 16 inches: loam
H2 - 16 to 32 inches: cemented material
H3 - 32 to 60 inches: gravelly loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: 8 to 20 inches to petrocalcic
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 70 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Very low (about 2.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: D
Ecological site: Shallow 12-17" PZ (R077DY048TX)
Hydric soil rating: No

Custom Soil Resource Report

Description of Reagan

Setting

Landform: Alluvial flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine-silty eolian deposits

Typical profile

H1 - 0 to 10 inches: silty clay loam
H2 - 10 to 30 inches: clay loam
H3 - 30 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 35 percent
Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 15.0
Available water storage in profile: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: Limy Upland 12-17" PZ (R077DY042TX)
Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 10 percent
Hydric soil rating: No

KUA—Kimbrough association, nearly level

Map Unit Setting

National map unit symbol: 1yyv
Elevation: 3,300 to 4,200 feet
Mean annual precipitation: 10 to 17 inches
Mean annual air temperature: 57 to 66 degrees F
Frost-free period: 195 to 230 days

Custom Soil Resource Report

Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough

Setting

Landform: Plains

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age overlying indurated caliche of pliocene age

Typical profile

H1 - 0 to 7 inches: loam

H2 - 7 to 29 inches: cemented material

H3 - 29 to 40 inches: very gravelly loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 4 to 20 inches to petrocalcic

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 80 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Very low (about 1.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: Very Shallow 12-17" PZ (R077DY049TX)

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 10 percent

Hydric soil rating: No

Unnamed, hydric

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Appendix E

Environmental Regulatory Record Search

GeoSearch Radius Report

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Summary</i>	2
<i>Database Radius Summary</i>	7
<i>Radius Map</i>	11
<i>Ortho Map</i>	13
<i>Topographic Map</i>	14
<i>Unlocated Sites Summary</i>	16
<i>Environmental Records Definitions</i>	18
<i>Unlocatable Report</i>	See Attachment
<i>Zip Report</i>	See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR 312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR 312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

ECUD - Knox Ave
Knox Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.49876, 31.7943715)
3,029 feet above sea level

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR06	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR06	0	0	0.1250
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR06	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FACILITY REGISTRY SYSTEM	FRSTX	0	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDES06	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

STATE (TX) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	TP/AP
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	0	0	0.2500
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALE	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	0	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
INDUSTRIAL AND HAZARDOUS WASTE CORRECTIVE ACTION SITES	IHWCA	0	0	1.0000
STATE SUPERFUND SITES	SF	0	0	1.0000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
GROUNDWATER CONTAMINATION CASES	GWCC	0	0	TP/AP
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	TP/AP
LAND APPLICATION PERMITS	LANDAPP	0	0	TP/AP
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	TP/AP
NOTICE OF VIOLATIONS	NOV	0	0	TP/AP
SPIILLS LISTING	SPIILLS	0	0	TP/AP
TCEQ LIENS	LIENS	0	0	TP/AP
TIER I I CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	0	0	TP/AP
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	0	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
DRY CLEANER REMEDIATION PROGRAM SITES	DCRPS	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IOP	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
SALT CAVERNS FOR PETROLEUM STORAGE	STCV	0	0	0.5000

Database Summary

SUB-TOTAL		0	0	
-----------	--	---	---	--

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000

SUB-TOTAL		0	0	
-----------	--	---	---	--

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000

SUB-TOTAL		0	0	
-----------	--	---	---	--

TOTAL		0	0	
-------	--	---	---	--

Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ECHOR06	0.0200	0	NS	NS	NS	NS	NS	0
ERNSTX	0.0200	0	NS	NS	NS	NS	NS	0
FRSTX	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR06	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR06	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR06	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR06	0.1250	0	0	NS	NS	NS	NS	0
RCRANGR06	0.1250	0	0	NS	NS	NS	NS	0
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
DNPL	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SEMS	0.5000	0	0	0	0	NS	NS	0
SEMSARCH	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
GWCC	0.0200	0	NS	NS	NS	NS	NS	0
HISTGWCC	0.0200	0	NS	NS	NS	NS	NS	0
LANDAPP	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MSD	0.0200	0	NS	NS	NS	NS	NS	0
NOV	0.0200	0	NS	NS	NS	NS	NS	0
SIEC01	0.0200	0	NS	NS	NS	NS	NS	0
SPILLS	0.0200	0	NS	NS	NS	NS	NS	0
TIERII	0.0200	0	NS	NS	NS	NS	NS	0
DCR	0.2500	0	0	0	NS	NS	NS	0
IHW	0.2500	0	0	0	NS	NS	NS	0
PIHW	0.2500	0	0	0	NS	NS	NS	0
PST	0.2500	0	0	0	NS	NS	NS	0
APAR	0.5000	0	0	0	0	NS	NS	0
BSA	0.5000	0	0	0	0	NS	NS	0
CALF	0.5000	0	0	0	0	NS	NS	0
DCRPS	0.5000	0	0	0	0	NS	NS	0
IOP	0.5000	0	0	0	0	NS	NS	0
LPST	0.5000	0	0	0	0	NS	NS	0
MSWLF	0.5000	0	0	0	0	NS	NS	0
RRCVCP	0.5000	0	0	0	0	NS	NS	0
RWS	0.5000	0	0	0	0	NS	NS	0
STCV	0.5000	0	0	0	0	NS	NS	0
VCP	0.5000	0	0	0	0	NS	NS	0
WMRF	0.5000	0	0	0	0	NS	NS	0
IHWCA	1.0000	0	0	0	0	0	NS	0
SF	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR06	0.2500	0	0	0	NS	NS	NS	0
LUSTR06	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

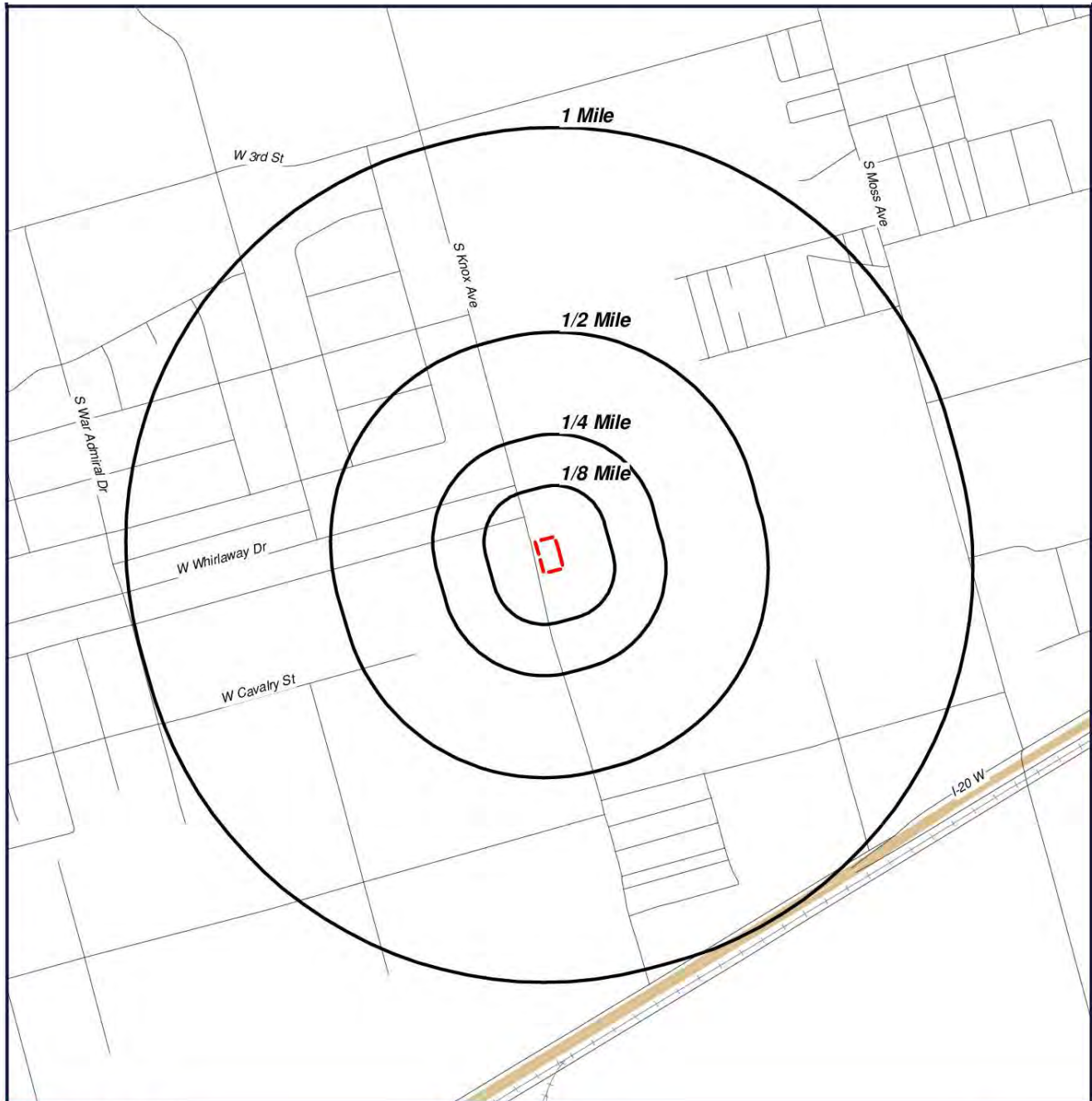
TOTAL		0	0	0	0	0	0	0
--------------	--	----------	----------	----------	----------	----------	----------	----------


NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



 Target Property (TP)

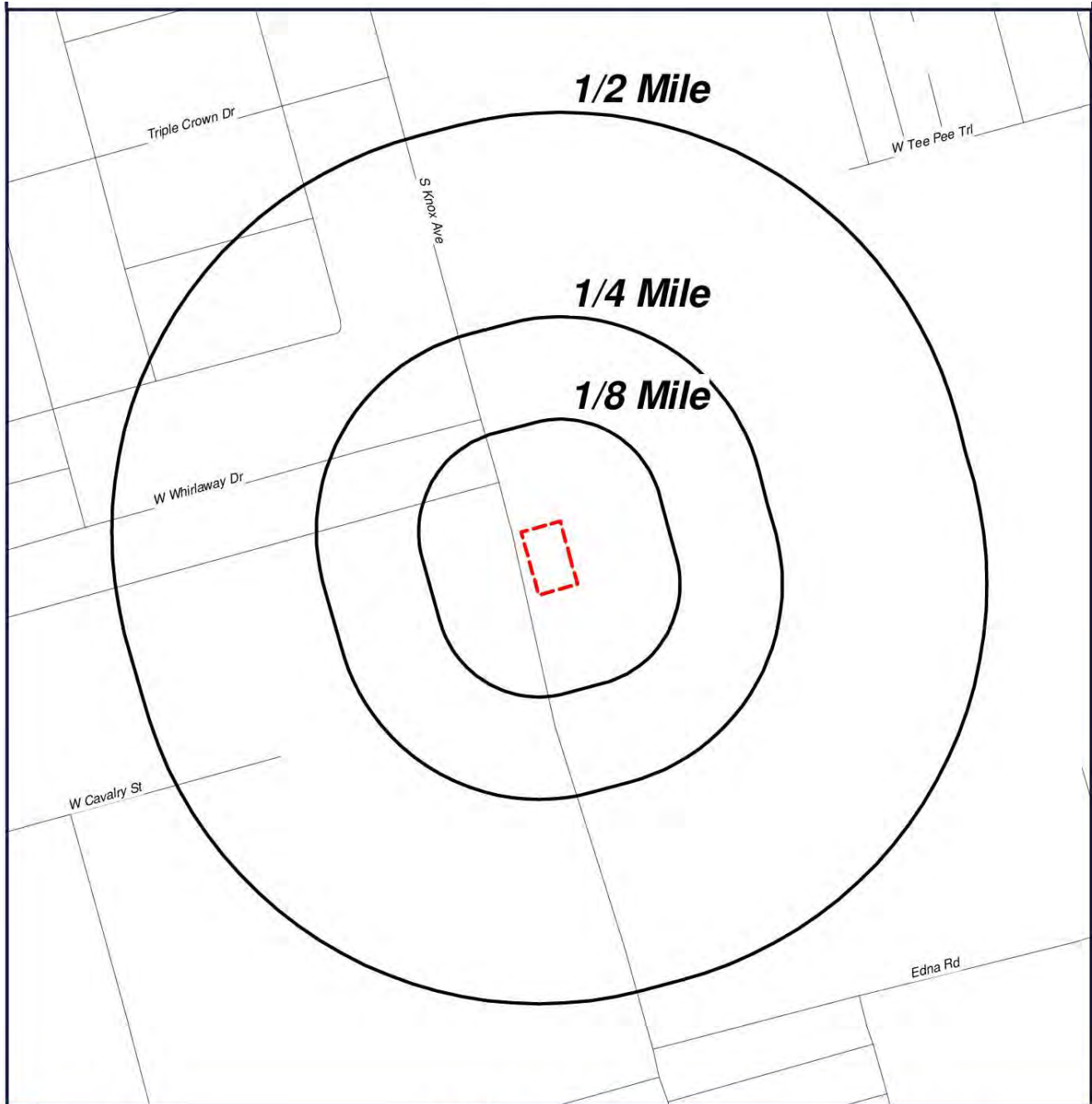
ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763




0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Radius Map 2



 Target Property (TP)

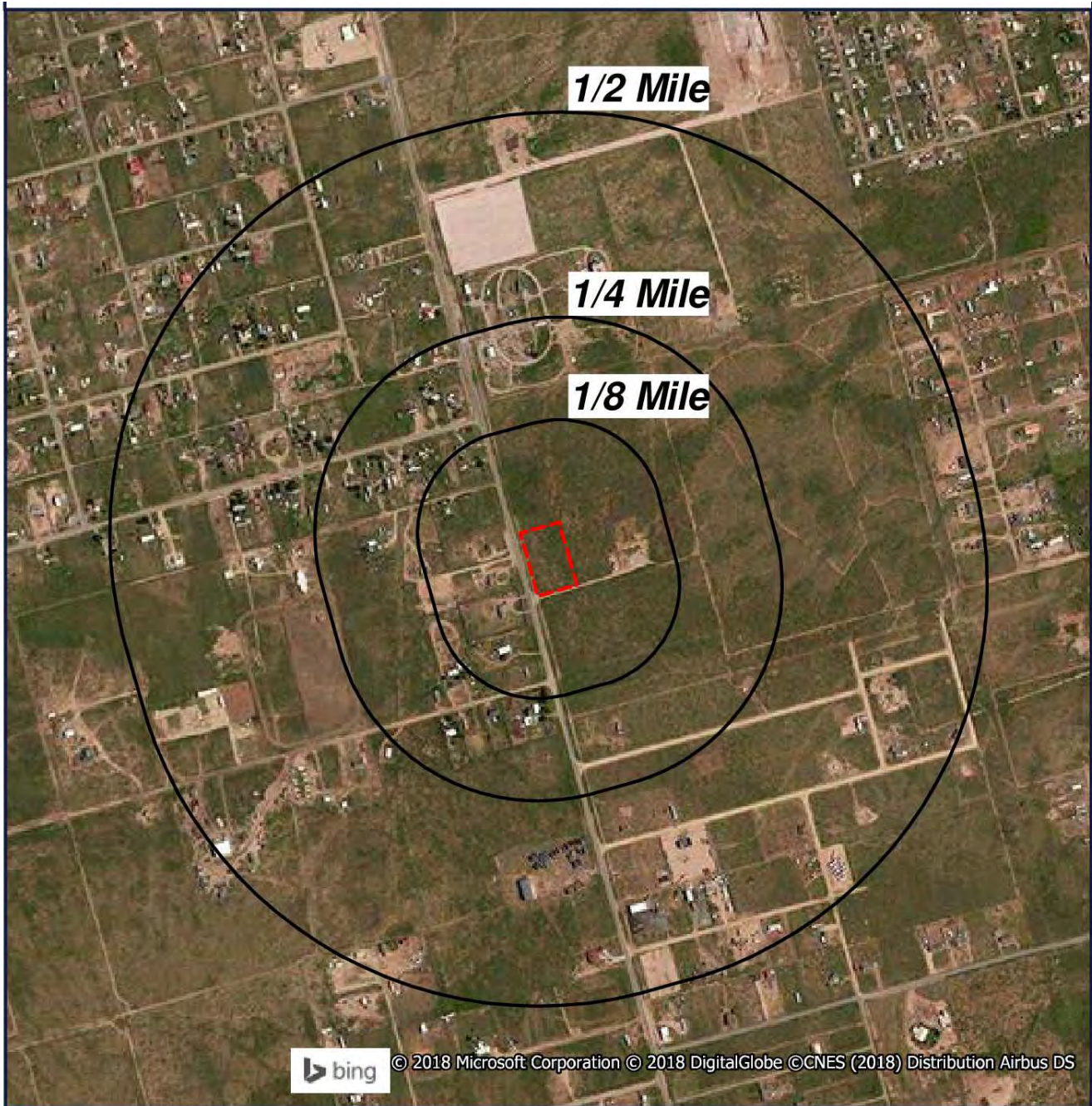
ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763




0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view](#)

Ortho Map



 Target Property (TP)

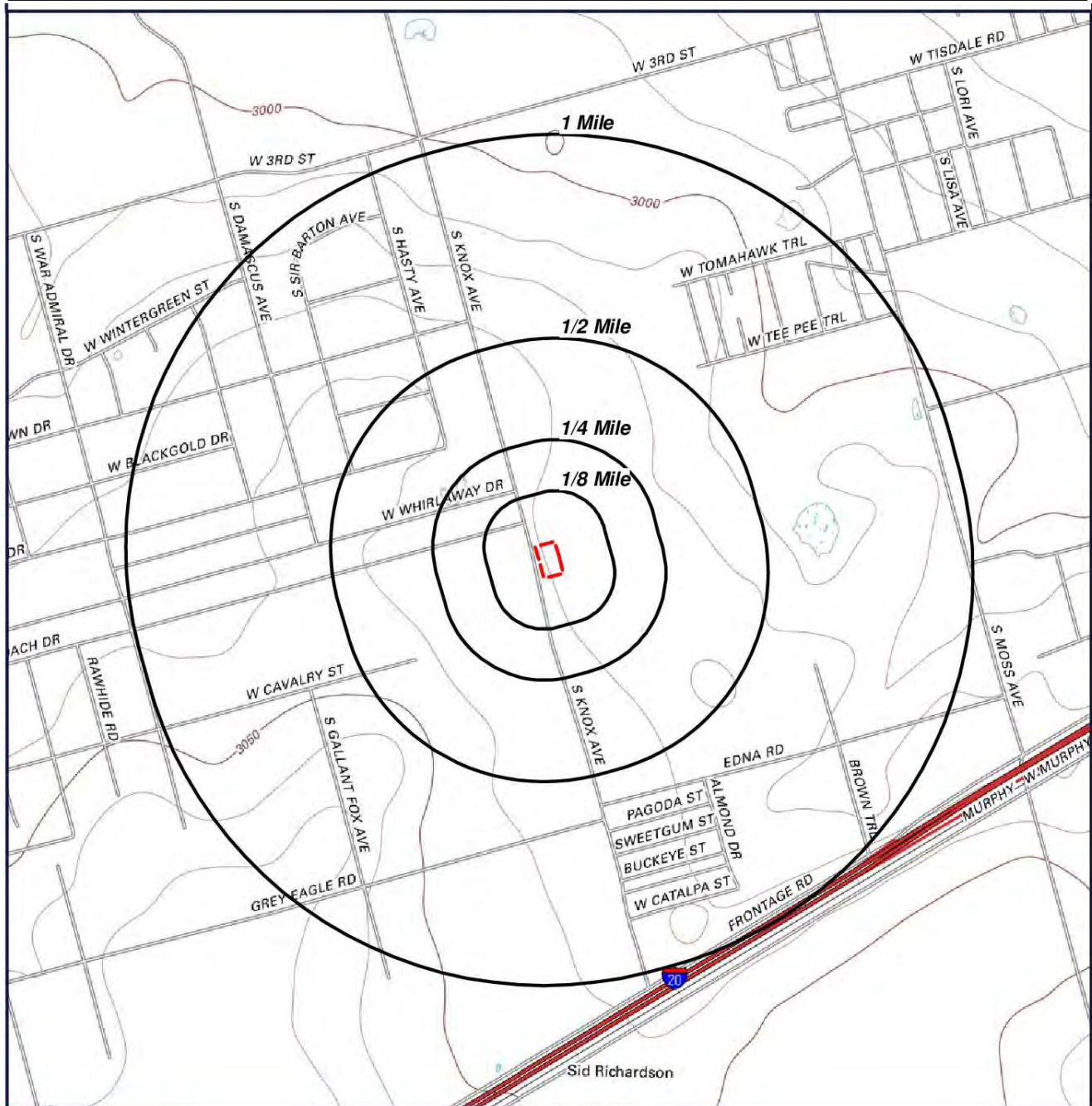
**Quadrangle(s): Odessa Sw
ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763**



0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view](#)

Topographic Map



 Target Property (TP)

Quadrangle(s): Odessa Sw
Source: USGS, 12/20/2012
ECUD -Knox Ave
Knox Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

No Records Found.

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 3029 ft.

*NOTE: Standard environmental records are displayed in **bold**.*

No Records Found.

Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS

Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS

Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL

Clandestine Drug Laboratory Locations

VERSION DATE: 10/05/17

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS

EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC

Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

Environmental Records Definitions - FEDERAL

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR06 Enforcement and Compliance History Information

VERSION DATE: 09/01/18

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSTX Emergency Response Notification System

VERSION DATE: 10/28/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSTX Facility Registry System

VERSION DATE: 10/09/18

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 09/30/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/01/18

Environmental Records Definitions - FEDERAL

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDESR06 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

PADS PCB Activity Database System

VERSION DATE: 09/14/18

Environmental Records Definitions - FEDERAL

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

PCSR06 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 09/26/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

Environmental Records Definitions - FEDERAL

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

RCRAGR06 Resource Conservation & Recovery Act - Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Environmental Records Definitions - FEDERAL

RCRANGR06

Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ALTFUELS

Alternative Fueling Stations

VERSION DATE: 09/01/18

Nationwide list of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST

FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST

Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS

Integrated Compliance Information System Drycleaners

VERSION DATE: 09/01/18

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

MRDS

Mineral Resource Data System

VERSION DATE: 03/15/16

Environmental Records Definitions - FEDERAL

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 08/31/18

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 10/01/18

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 08/13/18

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 03/01/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

Environmental Records Definitions - FEDERAL

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 08/13/18

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 09/14/18

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Environmental Records Definitions - FEDERAL

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 03/01/18

Environmental Records Definitions - FEDERAL

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites.

During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 08/13/18

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 08/13/18

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

Environmental Records Definitions - FEDERAL

RCRASUBC

Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS

Record of Decision System

VERSION DATE: 08/13/18

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (TX)

GWCC Groundwater Contamination Cases

VERSION DATE: 07/19/18

This report contains a listing of groundwater contamination cases which were documented for the 2013 calendar year. Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The agencies reporting these contamination cases include the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: 08/26/18

This historic report contains all agency groundwater contamination cases documented from 1994 to 2012. The agencies that reported these contamination cases included the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

LANDAPP Land Application Permits

VERSION DATE: 03/01/13

Texas Land Application Permits are a requirement from the Texas Commission on Environmental Quality for any domestic facility that disposes of treated effluent by land application such as surface irrigation, evaporation, drainfields or subsurface land application.

LIENS TCEQ Liens

VERSION DATE: 06/06/18

Liens filed upon State and/or Federal Superfund Sites by the Texas Commission on Environmental Quality.

MSD Municipal Setting Designations

VERSION DATE: 06/01/18

The Texas Commission on Environmental Quality defines an MSD as an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records. The MSD property can be a single property, multi-property, or a portion of property.

Environmental Records Definitions - STATE (TX)

NOV Notice of Violations

VERSION DATE: 02/24/16

This database containing Notice of Violations (NOV) is maintained by the Texas Commission on Environmental Quality. An NOV is a written notification that documents and communicates violations observed during an inspection to the business or individual inspected.

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 10/01/18

The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination. The sites included on this list are regulated by various programs of the Texas Commission on Environmental Quality (TCEQ).

SPILLS Spills Listing

VERSION DATE: 07/20/18

This Texas Commission on Environmental Quality database includes releases of hazardous or potentially hazardous materials into the environment.

TIERII Tier I I Chemical Reporting Program Facilities

VERSION DATE: 12/31/12

The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2012 calendar years. Please contact the Texas Commission on Environmental Quality Tier II Chemical Reporting Division as the current source for this data, due to confidentiality and safety reasons details such as the location and capacity of on-site hazardous chemicals is only available to local emergency planning agencies, fire departments, and/or owners.

DCR Dry Cleaner Registration Database

VERSION DATE: 08/02/18

The database includes dry cleaning drop stations and facilities registered with the Texas Commission on Environmental Quality.

Environmental Records Definitions - STATE (TX)

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 10/05/18

Owner and facility information is included in this database of permitted and non-permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 10/05/18

Owner and facility information is included in this database of all permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. Permitted IHW facilities are regulated under 30 Texas Administrative Code Chapter 335 in addition to federal regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PST Petroleum Storage Tanks

VERSION DATE: 08/02/18

The Petroleum Storage Tank database is administered by the Texas Commission on Environmental Quality (TCEQ). Both Underground storage tanks (USTs) and Aboveground storage tanks (ASTs) are included in this report. Petroleum Storage Tank registration has been a requirement with the TCEQ since 1986.

APAR Affected Property Assessment Reports

VERSION DATE: 10/05/18

As regulated by the Texas Commission on Environmental Quality, an Affected Property Assessment Report is required when a person is addressing a release of chemical of concern (COC) under 30 TAC Chapter 350, the Texas Risk Reduction Program (TRRP). The purpose of the APAR is to document all relevant affected property information to identify all release sources and COCs, determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary. The Texas Administrative Code Title 30 §350.4(a)(1) defines affected property as the entire area (i.e. on-site and off-site; including all environmental media) which contains releases of chemicals of concern at concentrations equal to or greater than the assessment level applicable for residential land use and groundwater classification.

BSA Brownfields Site Assessments

VERSION DATE: 10/04/18

The Brownfields Site Assessments database is maintained by the Texas Commission on Environmental Quality

Environmental Records Definitions - STATE (TX)

(TCEQ). The TCEQ, in close partnership with the U.S. Environmental Protection Agency (EPA) and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of brownfields through the development of regulatory, tax, and technical assistance tools.

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/01/05

The Texas Commission on Environmental Quality, under a contract with Texas State University, and in cooperation with the 24 regional Council of Governments (COGs) in the State, has located over 4,000 closed and abandoned municipal solid waste landfills throughout Texas. This listing contains "unauthorized sites". Unauthorized sites have no permit and are considered abandoned. The information available for each site varies in detail and this historical information is not updated. Please refer to the specific regional COG for the most current information.

DCRPS Dry Cleaner Remediation Program Sites

VERSION DATE: 09/01/18

This list of DCRP sites is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the Dry Cleaner Remediation Program (DCRP) establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund to assist with remediation of contamination caused by dry cleaning solvents.

IOP Innocent Owner / Operator Database

VERSION DATE: 10/01/18

Texas Innocent Owner / Operator (IOP), created by House Bill 2776 of the 75th Legislature, provides a certificate to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination. The IOP database is maintained by the Texas Commission on Environmental Quality.

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 08/28/18

The Leaking Petroleum Storage Tank listing is derived from the Petroleum Storage Tank (PST) database and is maintained by the Texas Commission on Environmental Quality. This listing includes aboveground and underground storage tank facilities with reported leaks.

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 09/28/18

The municipal solid waste landfill database is provided by the Texas Commission on Environmental Quality. This

Environmental Records Definitions - STATE (TX)

database includes active landfills and inactive landfills, where solid waste is treated or stored.

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 04/11/18

According to the Railroad Commission of Texas, their Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

RWS Radioactive Waste Sites

VERSION DATE: 07/11/06

This Texas Commission on Environmental Quality database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

STCV Salt Caverns for Petroleum Storage

VERSION DATE: 09/01/06

The salt caverns for petroleum storage database is provided by the Railroad Commission of Texas.

VCP Voluntary Cleanup Program Sites

VERSION DATE: 10/01/18

The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. The VCP database is maintained by the Texas Commission on Environmental Quality.

WMRF Recycling Facilities

VERSION DATE: 11/01/12

This listing of recycling facilities is provided by the Texas Commission on Environmental Quality's Recycle Texas Online service. The company information provided in this database is self-reported. Since recyclers post their own information, a facility or company appearing on the list does not imply that it is in compliance with TCEQ regulations or other applicable laws. This database is no longer maintained and includes the last compilation of the program participants before the Recycle Texas Online program was closed.

Environmental Records Definitions - STATE (TX)

IHWCA

Industrial and Hazardous Waste Corrective Action Sites

VERSION DATE: 09/06/18

This database is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the mission of the industrial and hazardous waste corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes. The goals of this program are to: Ensure that sites are assessed and remediated to levels that protect human health and the environment; Verify that waste management units or facilities are taken out of service and closed properly; and to Facilitate revitalization of contaminated properties.

SF

State Superfund Sites

VERSION DATE: 10/13/17

The state Superfund program mission is to remediate abandoned or inactive sites within the state that pose an unacceptable risk to public health and safety or the environment, but which do not qualify for action under the federal Superfund program (NPL - National Priority Listing). As required by the Texas Solid Waste Disposal Act, Texas Health and Safety Code, Chapter 361, the Texas Commission on Environmental Quality identifies and evaluates these facilities for inclusion on the state Superfund registry. This registry includes any recent developments and the anticipated action for these sites.

Environmental Records Definitions - TRIBAL

USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/18

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

Appendix F

User Questionnaire

ASTM E 1527-13 User Questionnaire

In order to qualify for the protection offered under the EPA All Appropriate Inquiry (AAI) Standard, the **User** (entities seeking to use the ASTM E1527-13 Practice to complete an environmental site assessment of the property; i.e. Lenders and/or Borrowers) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that AAI is not complete. This information should be the collective knowledge of the entities relying on the Phase I. **Please note that you are not being asked to evaluate the property, but rather to provide your knowledge of information on the property.**

SiteName/Address: ALDEA PRIVADA SUBDIVISION (LOT 1 OF BLK 4 & LOT 8 OF BLK 3)
SEC 41, BLK 43, T2S, T&P RR SURVEY, ECTOR COUNTY, TEXAS

Person Interviewed/Title: Jason Harrington/ Date: _____

If known, when was the property initially developed? Aug. 8, 2016

If different, when were the current building(s) on the property constructed? 1/1/19

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? (**Note:** If unknown, a review of title records or an environmental lien search is recommended)

Yes ___ No ☒ If you answer yes, please include an explanation in the space provided below:

2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? *Engineering Controls* are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property). *Institutional Controls* are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Yes ☒ No ___ If you answer yes, please include an explanation in the space provided below:

PLEASE SEE EXHIBIT A & B

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the *User* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

a) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

Yes ☒ No ☐ If you answer no, please include an explanation in the space provided below, including whether the lower purchase price is because contamination is known or believed to be present at the *property*?

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *User*:

a. Do you know the past uses of the *property*?

Yes ☐ No ☒

b. Do you know of specific chemicals that are present or once were present at the *property*?

Yes ☐ No ☒

c. Do you know of spills or other chemical releases that have taken place at the *property*?

Yes___ No ☒

d. Do you know of any environmental cleanups that have taken place at the *property*?

Yes___ No ☒

If you answered yes to any of the questions above, please include an explanation in the space provided below:

6. The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *User* of this *ESA*, based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Yes___ No ☒ If you answer yes, please include an explanation in the space provided below:

Please provide the following property contact information:

Property Owner: JASON HARRINGTON Phone Number: 432-238-9622

Key Site Personnel: SELF Phone Number: _____

Past Owner: UNKNOWN Phone Number: _____



**DECLARATION OF COVENANTS, CONDITIONS, AND RESTRICTIONS FOR
ALDEA PRIVADA, A RESIDENTIAL SUBDIVISION, IN ECTOR COUNTY, TEXAS**

STATE OF TEXAS §
 §
COUNTY OF ECTOR §

KNOW ALL MEN BY THESE PRESENTS

Preamble

This Declaration of Covenants, Conditions, and Restrictions is made on February 21st, 2018, at Odessa, Ector County, Texas, by Knox Real Property Development, LLC ("Declarant"), a Texas limited liability corporation, whose mailing address is 101 N. Crane, Odessa, Texas 79763 acting by and through its duly authorized officers.

Recitals

1. Declarant is the owner of all that certain real property ("the Property") located in Ector County, Texas, described as follows: "Aldea Privada", being a plat of a 111.82 acre tract out of Section 32 & 41, Block 43, T-2-S, T&P. RY. CO Survey.
2. The Declarant has devised a general plan for the entire Property as a whole, with specific provisions for particular parts and parcels of the Property. This general plan provides a common scheme of development designed to protect and safeguard the Property over a long period.
3. This general plan will benefit the Property in general, the parcels and lots that constitute the Property, the Declarant, and each successive owner of an interest in the Property.
4. Therefore, in accordance with both the doctrines of restrictive covenant and implied equitable servitude, the Declarant desires to restrict the Property according to these covenants, conditions, and restrictions in furtherance of this general development plan.

NOW, THEREFORE, it is declared that all of the Property shall be held, sold, and conveyed subject to the following easements, restrictions, covenants, and conditions.

ARTICLE 1: Definitions

Developer

1.01. "Developer" means Declarant and its successors and assigns who develop Lots within the Property.

Lot

1.02. "Lot" means any of the plots of land shown on the plat and subdivision map recorded in Volume Cabinet B, Page 184A-B of the Official Records of and for Ector County, Texas (the "Map"), on which there is or will be built a single family dwelling. The term "Lot" does not include the Common Area.

Owner

1.03. "Owner" means the record owner or owners of the fee simple title to any Lot or portion of a Lot in the Property on which there is or will be built a detached single family dwelling. "Owner" includes contract sellers but excludes persons having only a security interest.

EXHIBIT A

Exhibit A

Rubbish, Trash and Garbage

2.08. No Lot shall be used or maintained as a dumping ground for rubbish or trash. All garbage and other waste shall be kept in sanitary containers.

Sewage Disposal

2.09. No individual sewage-disposal system shall be permitted on any lot unless the system is designed, located, and constructed in accordance with the requirements, standards, and recommendations of the City of Odessa, Texas and/or Ector County, Texas governmental entity with jurisdiction over such matters. Approval of the system as installed shall be obtained from that authority.

Water Supply

2.10. No individual water-supply system shall be permitted on any lot unless the system is located, constructed, and equipped in accordance with the requirements, standards, and recommendations of the City of Odessa, Texas and/or Ector County, Texas governmental entity with jurisdiction over such matters. Approval of the system as installed shall be obtained from that authority.

Animals

2.11. No animals, livestock, or poultry of any kind shall be raised, bred, or kept on any Lot, except that a total of one (1) dog, cat, other household pet or horse may be kept, provided they are not kept, bred, or maintained for any commercial purpose.

ARTICLE 3: Easements

Reservation of Easements

3.01. All easements and all alleys for the installation and maintenance of utilities and drainage facilities are reserved as shown on the Map. No shrubbery, fence, or other obstruction shall be placed in any easement or alleyway. Right of use for ingress and egress shall be available at all times over any dedicated easement or alleyway for purposes of installing, operating, maintaining, repairing, or removing any utility or any obstruction placed in such easement or alleyway that would interfere with the installation, maintenance, operation, or removal of such utility.

Underground Electrical System

3.02. An underground electricity distribution system shall be installed to serve all Lots in the subdivision. The Owner of each Lot, at the Owner's cost, shall furnish, install, and maintain (all in accordance with the requirements of local governmental authorities and the National Electrical Code) an underground service cable and appurtenances from the meter installed on the Lot by the electric company to such point as may be designated by the company on the property line of the Lot. The company furnishing electric service shall make the necessary connection at the property line and at the meter. Each Owner, at the Owner's cost, shall install, furnish, and maintain a meter loop (in accordance with then-current standards and specifications of the electric company) for the residence constructed on the Lot. For as long as underground service is maintained, the electric service to each Lot shall be uniform in character and exclusively of the type known as single-phase 120/240 volt, 3-wire, 60-cycle alternating current. IT REQUIRED BY LAW THAT ANY PROPERTY OWNER MUST CALL 811 BEFORE DIGGING ON ANY PROPERTY IN ORDER TO IDENTIFY AND LOCATE UTILITIES A MINIMUM OF 48 HOURS PRIOR TO DIGGING.

Exhibit A

2013-0002-101 - 02/27/2013 09:28:11 AM Page 10 of 11

ARTICLE 4: Indemnity and General Provisions

Indemnity

4.01. LOT OWNERS SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS AT LOT OWNERS' EXPENSE DECLARANT, DEVELOPER, GRANTOR, THEIR OFFICERS, OWNERS, MEMBERS, SHAREHOLDERS, EMPLOYEES, REPRESENTATIVES, AGENTS, CONTRACTORS, ATTORNEYS, OTHER HIRED PROFESSIONALS AND ASSIGNS ("RELEASED ENTITIES") FROM ANY AND ALL LIENS, CLAIMS AND DEMANDS, PRESENTLY KNOWN OR UNKNOWN, BY LOT OWNERS OR FOR PERSONS OR ENTITIES CLAIMING BY THROUGH OR UNDER LOT OWNERS STEMMING FROM THE NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL THEORY IN ANY WAY BEARING UPON OR CONCERNING THE PROPERTY AND/OR THE LOTS IN THE PROPERTY. THE RELEASED ENTITIES SHALL NOT BE RESPONSIBLE OR LIABLE FOR THE PAYMENT OF ANY EXPENSES, CLAIMS, JUDGMENTS, LIENS OR OBLIGATIONS WHATSOEVER NOR UNDER ANY CIRCUMSTANCES BEARING UPON OR CONCERNING THE PROPERTY AND/OR THE LOTS IN THE PROPERTY.

Enforcement

4.02. The Developer or any Owner shall have the right to enforce, by any proceeding at law or in equity, all restrictions, conditions, and reservations imposed by this Declaration. Failure to enforce any covenant or restriction shall not be deemed a waiver of the right of enforcement either with respect to the violation in question or any other violation. All waivers must be in writing and signed by the party to be bound.

Severability

4.03. Invalidation of any one of these covenants or restrictions by judgment or court order shall in no way affect any other provision, and all other provisions shall remain in full force and effect.

Covenants Running With the Land

4.04. These easements, restrictions, covenants, and conditions are for the purpose of protecting the value and desirability of the Property. Consequently, they shall run with the real property and shall be binding on all parties having any right, title, or interest in the Property in whole or in part, and their heirs, successors, and assigns. These easements, covenants, conditions, and restrictions shall be for the benefit of the Property, each Lot, and each Lot Owner.

Duration and Amendment

4.05. The covenants, conditions, and restrictions of this Declaration shall be effective for a term of 20 years from the date this Declaration is recorded, after which period the covenants, conditions, and restrictions shall be automatically extended for successive periods of 10 years subject to termination by an instrument signed by more than 50 percent of the Owners. The covenants, conditions, and restrictions of this Declaration may be amended by an instrument signed by more than 75 percent of the Owners. Neither any amendment nor any termination shall be effective until recorded in the Official Records of and for Ector County, Texas, and all requisite governmental approvals, if any, have been obtained.

Attorneys' Fees

4.06. If any controversy, claim, or dispute arises relating to this instrument, its breach, or enforcement, the prevailing party shall be entitled to recover from the losing party reasonable expenses, attorneys' fees, and costs.

EXHIBIT A

Liberal Interpretation

4.07. This Declaration shall be liberally construed to effectuate its purpose of creating a uniform plan for the Property.

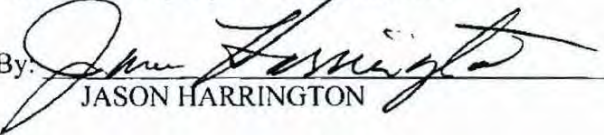
This Declaration is executed this 21ST day of FEBRUARY,
2018, at Odessa, Ector County, Texas.

- REST OF PAGE INTENTIONALLY LEFT BLANK -

Exhibit A

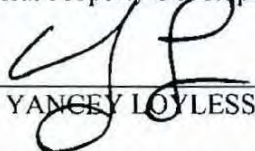
Grantor:

Knox Real Property Development, LLC

By: 
JASON HARRINGTON

Title: Member and Vice-President

Knox Real Property Development, LLC

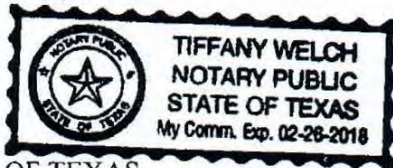
By: 
YANCEY LOYLESS

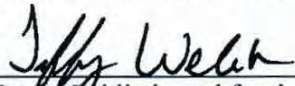
Title: Member and President

ACKNOWLEDGMENT

STATE OF TEXAS
COUNTY OF ECTOR

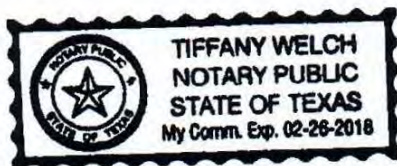
This instrument was acknowledged before me on February 21st, 2018 by JASON HARRINGTON, known to me to be a Member and Vice-President for Knox Real Property Development, LLC.




Notary Public in and for the State of Texas
My commission expires 2-26-18

STATE OF TEXAS
COUNTY OF ECTOR

This instrument was acknowledged before me on February 21st, 2018 by YANCEY LOYLESS, known to me to be a Member and President for Knox Real Property Development, LLC.




Notary Public in and for the State of Texas
My commission expires 2-26-18



STATE OF TEXAS
COUNTY OF ECTOR

I hereby certify that this instrument was filed on 02/21/2018 at
01:23 PM by me and was duly recorded under the document number
2018-00002457 in the Official Public Records of Ector County, Texas.

Linda Haney, County Clerk
Ector County, Texas

ANY PROVISION CONTAINED IN ANY DOCUMENT WHICH RESTRICTS THE SALE, RENTAL, OR USE OF
THE REAL PROPERTY DESCRIBED THEREIN BECAUSE OF RACE OR COLOR IS INVALID UNDER
FEDERAL LAW AND IS UNENFORCEABLE.

Returned To: SHEEN LAW FIRM PC
1931 E 37TH SUITE 2
ODESSA, TX 79762

EXHIBIT A

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

General Warranty Deed

Date: March 13, 2019

Grantor: KNOX REAL PROPERTY DEVELOPMENT, LLC, a Texas limited liability company

Grantor's Mailing Address:

KNOX REAL PROPERTY DEVELOPMENT, LLC
101 N. Crane Avenue
Odessa, TX 79763

Grantee: OSBALDO MENDOZA VELADOR and
MARIA CRISTINA ESPINO ROMERO, a married couple

Grantee's Mailing Address:

OSBALDO MENDOZA VELADOR and
MARIA CRISTINA ESPINO ROMERO
304 Dobbs Avenue
Odessa, TX 79761

Consideration:

TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements):

Lot 6, Block 12, ALDEA PRIVADA, being a plat of a 111.82 acre tract out of Section 32 and 41, Block 43, T-2-S, T & P Ry. Co. Survey, Ector County, Texas, according to the map or plat thereof of record in Cabinet B, Page 184A-B, Plat Records, Ector County, Texas.

Reservations from Conveyance:

None

EXHIBIT B

Exceptions to Conveyance and Warranty:

Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing restrictions, reservations, covenants, conditions, oil and gas leases, mineral interests, and water interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the Property; validly existing rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; all rights, obligations, and other matters arising from and existing by reason of the Ector County Texas; and taxes for 2019, which Grantee assumes and agrees to pay, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

GRANTEE IS TAKING THE PROPERTY IN AN ARM'S-LENGTH AGREEMENT BETWEEN THE PARTIES. THE CONSIDERATION WAS BARGAINED ON THE BASIS OF AN "AS IS, WHERE IS" TRANSACTION AND REFLECTS THE AGREEMENT OF THE PARTIES THAT THERE ARE NO REPRESENTATIONS OR EXPRESS OR IMPLIED WARRANTIES, EXCEPT FOR THOSE CONTAINED IN THE PURCHASE CONTRACT, THIS DEED, AND THE OTHER CLOSING DOCUMENTS. GRANTEE HAS NOT RELIED ON ANY INFORMATION OTHER THAN GRANTEE'S INSPECTION AND THE REPRESENTATIONS AND WARRANTIES EXPRESSLY CONTAINED IN THE PURCHASE CONTRACT, THIS DEED, AND THE OTHER CLOSING DOCUMENTS.

Grantee consents to the construction, operation, use, maintenance, repair and removal of a water supply system elevated water storage tank and appurtenances thereto on Lot 8, Block 3, and the temporary use of the adjoining Lot 1, Block 4 as a construction location for the elevated water storage tank to be located on Lot 8, Block 3, all in Aldea Privada, being a plat of a 111.82 acre tract of Section 32 and 41, Block 43, T-2-S, T & P Ry. Co. Survey, Ector County, Texas, according to the map or plat thereof of record in Cabinet B, Page 184A-B, Plat Records, Ector County, Texas. Grantee, for itself, successors and assigns, waive the enforcement of any restrictive covenants

prohibiting the construction and operation of an elevated water storage tank on Lot 1 described above.

When the context requires, singular nouns and pronouns include the plural.

KNOX REAL PROPERTY DEVELOPMENT,
LLC, a Texas limited liability company,

By: _____
JASON HARRINGTON, SR.,
Manager/Vice-President

STATE OF TEXAS)

COUNTY OF ECTOR)

Before me, a Notary Public, on this day personally appeared JASON HARRINGTON, proved to me through Texas Driver's License to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that JASON HARRINGTON executed the same as the act of KNOX REAL PROPERTY DEVELOPMENT, LLC, a Texas limited liability company, as its Manager/Vice-President, for the purposes and consideration therein expressed.

Given under my hand and seal of office this _____ day of March, 2019.

Notary Public, State of Texas

Accepted by:

OSBALDO MENDOZA VELADOR

MARIA CRISTINA ESPINO ROMERO

STATE OF TEXAS)

COUNTY OF ECTOR)

Before me, a Notary Public, on this day personally appeared OSBALDO MENDOZA VELADOR, proved to me through Texas Driver's License to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that OSBALDO MENDOZA VELADOR executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this _____ day of March, 2019.

Notary Public, State of Texas

STATE OF TEXAS)

COUNTY OF ECTOR)

Before me, a Notary Public, on this day personally appeared MARIA CRISTINA ESPINO ROMERO, proved to me through Texas Driver's License to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that MARIA CRISTINA ESPINO ROMERO executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this _____ day of March, 2019.

Notary Public, State of Texas

P00.19040

General Warranty Deed
Lot 6, Block 12, Aldea Privada

Exhibit B

February 14, 2019

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Tripp Avenue – Elevated Tank Property

Ector County, Texas



Prepared for:

Kimley»»Horn

801 Cherry Street, Suite 1300
Fort Worth, TX 76102

And for:

Ector County Utility District

1039 North Moss Avenue
Odessa, Texas 79763

Prepared by:



**P. O. Box 12177
Odessa, Texas 79768**

TABLE OF CONTENTS

1.0	SUMMARY.....	1
1.1	<i>Introduction</i>	1
1.2	<i>Purpose and Scope</i>	1
1.3	<i>Findings and Conclusions.....</i>	1
1.4	<i>Assumptions and Limitations.....</i>	2
2.0	SITE DESCRIPTION.....	3
2.1	<i>Location and Legal Description</i>	3
2.2	<i>Buildings, Structures, Roads, Utilities and Other Improvements.....</i>	3
2.2.1	Buildings and Structures.....	3
2.2.2	Roads	4
2.2.3	Utilities	4
2.2.4	Structures Related to Oil and Gas Production	4
2.3	<i>Site Vicinity and General Characteristics</i>	5
2.4	<i>Current Use of Subject Property.....</i>	5
2.5	<i>Current Use of Adjacent Properties.....</i>	5
2.6	<i>Topography and Soil Description</i>	5
2.7	<i>Surface Geology and Groundwater Hydrology.....</i>	6
3.0	USER PROVIDED INFORMATION	7
3.1	Title Records	7
3.2	Environmental Liens or Activity and Use Limitations.....	7
3.3	Specialized Knowledge	7
3.4	Commonly Known or Reasonably Ascertainable Information	7
3.5	Valuation Reduction for Environmental Issues.....	7
3.6	Previous Owner, Property Manager, and Occupant Information.....	7
4.0	RECORDS REVIEW	8
5.0	SUBJECT PROPERTY USAGE.....	11
6.0	SITE RECONNAISSANCE.....	13
6.1	<i>Methodology and Limiting Conditions</i>	13
6.2	<i>General Site Setting.....</i>	13
6.3	<i>Observations... ..</i>	13
7.0	INTERVIEWS	15
7.1	<i>Interview with Current Owner Representative</i>	15
7.2	<i>Interview with Previous Owner Representative</i>	15
7.3	<i>Interviews with Past Occupants.....</i>	15
7.4	<i>Interviews with Local Government Offices.....</i>	15
7.5	<i>Interviews with Others</i>	16

8.0	<i>FINDINGS, OPINIONS, CONCLUSIONS</i>	17
8.1	<i>Findings</i>	17
8.2	<i>Opinions and Conclusions</i>	17
9.0	REFERENCES	18

ATTACHMENTS AND APPENDICES

FIGURES

Figure 1 - Site Map

Figure 2 - RRC Map of Oil & Gas Wells and Buried Pipelines

Figure 3 - Topographic Map

HISTORICAL AERIAL IMAGES

SITE RECONNAISSANCE PHOTOGRAPHS

APPENDICES

Appendix A – Environmental Regulatory Record Search (*GeoSearch* ASTM Radius Report)

Appendix B – GeoPlus Water Well Report

Appendix C – GeoPlus Oil & Gas Report

Appendix D – GeoPlus Physical Setting Maps

Appendix E – Soil Survey

Appendix F – User Questionnaire

PROFESSIONAL CERTIFICATION

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Tripp Avenue – Elevated Tank Property Ector County, Texas

This Phase 1 Environmental Site Assessment (ESA) was conducted consistent with generally accepted environmental consulting practices within the limitations specified in the accompanying report. Mr. Dale T. Littlejohn, an Environmental Professional and employee of Trident Environmental, gathered, compiled, reviewed and interpreted the information contained in this report, as agent Charlton Resources, LLC. The information contained in this ESA was obtained from personal inspection, from various Federal, State, and local government agencies and from sources deemed to be reliable.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and the ASTM Standard Practice for Environmental Site Assessments E 1527-13.

I have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Dale T Littlejohn

Dale T Littlejohn, PG

February 13, 2019

Date



1.0 SUMMARY

1.1 Introduction

Trident Environmental performed a Phase I Environmental Site Assessment (ESA) in accordance with the ASTM 1527-13 Standard for use by the Ector County Utility District (ECUD) for a property located approximately 0.4 miles north-northwest of Interstate 20 (along Tripp Avenue). ECUD is considering the purchase of a 50-foot wide easement extends from the east Tripp Avenue right-of-way, 732 feet east-northeast to the southwest corner of the 1.0-acre tract in Ector County, Texas (subject property). The subject property and easement are legally described respectively as 1.0-acre and 0.83-acre tracts within a 20-acre tract in Section 39, Block 43, T-2-S, of the T&P RR Survey.

1.2 Purpose and Scope

The purpose of this ESA is to identify "recognized environmental conditions" in connection with the subject property. The ASTM Standard Practice for Environmental Site Assessments E 1527-13 defines "recognized environmental condition" as "the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of an hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface water on the subject property."

The scope of work for this ESA included the following:

- Site reconnaissance of the subject property
- Surrounding property observation
- Interviews with individuals having knowledge of the operations on the subject property
- State and federal regulatory agency database search for listed properties within an ASTM designated radius of the subject property
- Reconnaissance of historical aerial photographs
- Research of archive city directories for subject property and adjoining properties

1.3 Findings and Conclusions

This Phase I Environmental Site Assessment for the subject property was performed in conformance with the scope and limitations of ASTM Standard Practice 1527-13. No deviations from the standard scope of services for a Phase I Environmental Site Assessment were encountered. The findings of this Phase I ESA included the following:

- The subject property was initially developed as a caliche pit, with access from South Tripp Avenue between 1986 and 1996.
- There are no buildings or permanent structures on the subject property (including easement). Except for the caliche pit, there is no evidence of any historic development.
- Since the subject property is outside of city limits no municipal water or sewage providers are available.

- There are no water wells located on the subject property; however, there are nineteen water wells located within a one-half mile radius of the subject property. These wells produce from the Edwards-Trinity (Plateau) Aquifer at depths of approximately 90 to 145 feet below the surface.
- There has been no past or present oil and gas production on the subject property, including gas gathering and transmission lines, oil and gas wells, tank batteries and operational equipment related to oil and gas activities. Some of the debris observed in historic aerial photographs and satellite images, may have been related to oil and gas production. No recognized environmental conditions related to the oil and gas activities were observed.

During the course of this investigation, there was no indication of an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures or into the soil or groundwater on the subject property.

It is the opinion of Trident Environmental that this assessment has revealed no evidence of "recognized environmental conditions", as defined by the ASTM standard, in connection with the subject property.

1.4 Assumptions and Limitations

This ESA is based upon the information available from a variety of sources and on the inspection of the Property. The ESA was performed in accordance with industry standards and using appropriate methods. It is intended to allow a party to make an informed decision regarding the property. The findings and opinions conveyed in this report are based on information obtained from a variety of sources enumerated herein. Trident Environmental believes these sources are reliable; however Trident Environmental cannot and does not guarantee the accuracy or authenticity of the information provided by others. This ESA is not a guarantee that there is no subsurface contamination, nor can it be warranted that those areas of environmental concern herein noted are the only areas of potential contamination at the subject property.

Conducting a Phase I can reduce but not eliminate uncertainty regarding the potential of recognized environmental conditions. This report is not a comprehensive site characterization and the reader should not consider it as such. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials). This investigation does not include assessment of issues out of the scope of a Phase I. We have based the opinions presented in this report on findings derived from the Phase I ESA.

By their very nature, environmental due diligence programs are limited in their scope and conclusions. Trident Environmental has endeavored to meet what it believes is the applicable standard of care, including appropriate inquiry. We are obliged to advise the reader of the liabilities associated with the acquisition of any parcel of commercial real estate. We can mitigate these risks but not eliminate them through additional research and/or intrusive sampling in additional investigations.

This report is for the sole use of the Ector County Utility District. ECUD may release this report to third parties, who may use and rely upon the information contained herein at their own risk.

- Water Wells

There are no water wells on the subject property. A total of nineteen water wells were identified within a one-half mile radius of the subject property. Water wells in the vicinity produce at depths ranging from 90 and 145 feet. According to well reports, well yields are "weak", typically less than 5 to 10 gallons per minute.

Additional water well information for the surrounding area is included in the Water Well Report (Appendix B).

- Sewage Disposal

There is no evidence of a sewage system on the subject property.

2.2.2 Roads

The west side of the easement of the subject property is fronted by South Tripp Avenue and can be accessed through a gate and dirt road that runs adjacent to the easement. No other proper roads are located on the property, but dirt pathways have been established providing access to the PBP Fabrication yard to the northeast and adjacent caliche pit.

2.2.3 Utilities

There are no electricity, natural gas, or city water and sewer services established at the subject property.

2.2.4 Structures Related to Oil and Gas Production

There are no oil and gas wells or production structures located on the subject property, however it is possible that discarded oil production equipment may have been stored on this and the adjacent properties in the past. The nearest oil or gas well is the Amoco Production Company, West Grayburg Unit No. 33 (API #42-135-32720), located approximately 1,000 feet south-southeast of the subject property. It was drilled in 1977 to a depth of 4,310 feet and is currently on the Railroad Commission of Texas (RRC) schedule as an active oil production well, operated by Occidental Permian Ltd. Figure 2 depicts nearby oil and gas wells and buried pipelines.

The nearest verified buried pipeline is the DCP Operating Company LP, 6 5/8-inch highly volatile liquid (HVL) pipeline, located 230 feet to the north; part of the Magellan natural gas liquids system (T4 Permit #09066). It was present prior to May 5, 1963, according to aerial photographs, although Railroad Commission of Texas (RRC) records indicate it was constructed in 1972 by Shell Oil Company under T4 Permit #00275. It has also been operated by Equilon Pipeline Company (1998 – 2001), Shell (2001 – 2009), and Magellan Midstream Partners LP (2009 – 2013).

It should be noted that a scar in the vegetation extending from northwest to southeast near the intersection of the 1.0-acre property and 0.83-acre easement was observed on the 1954 aerial photograph. Another scar tracks north to south through the center of the 1.0-acre subject property. It is possible that these scars could indicate a historic pipeline, however the RRC has no record of a pipeline at that location, nor was there any evidence during site reconnaissance.

Using the RRC online database and GIS Viewer, several extensive in-depth queries were researched for oil and gas facilities located on the subject property, particularly for the facilities listed above. No adverse environmental issues were found during these queries. Additional oil and gas well information for the surrounding properties are included in the Oil and Gas Report, provided in Appendix C.

2.3 Site Vicinity General Characteristics

The site vicinity is a mix of rural residential, oil and gas production, and commercial/industrial use. There is also some undeveloped range land.

2.4 Current Use of the subject property

Currently, the subject property is not in use. As described in Section 2.2.1, a small portion of the property shows past use as a source of caliche resulting in an excavated pit that was subsequently used for disposal of household, yard, and construction demolition waste.

A pipe rack and several weathered wooden boxes were present that hold and contain a large number of unused 30-ft length cooling rods. These materials likely belong to PBP Fabrication as they match the type of equipment fabricated by that business and lie within their 20-acre property. Most of these materials were located to the north of the 1.0-acre subject property boundary. The subject property has never been developed with commercial or residential buildings, but may have been used for ranching (livestock pasture) in the past.

2.5 Current Use of Adjoining Properties

The nearest residential structure is a mobile home located about 600 west-northwest feet of the 1.0-acre subject property and within the 20-acre property owned by BJSB Property, LLC. A residential homestead is also present at 1130 S. Tripp directly west of the gate at the subject easement.

The nearest commercial/industrial structures include the PBP Fabrication office and warehouse located about 700 feet to the northwest (1117 S. Tripp Ave). PBP Fabrication Inc. manufactures pressure vessel and piping equipment for oil and gas production clientele.

The property immediately to the south is a Closed and Abandoned Landfill (CALF) that was operated by James and Joe Hunt (*sic* Hurt) from before June 11, 1991 until August 30, 1991 and is now owned by Ector County. All other adjoining properties are undeveloped and are not currently utilized for agricultural or grazing activity.

Immediately adjacent to the east side of the 1.0-acre subject property is an area that contains weathered wooden crates, some empty and a few containing 30-ft length coiling rods. Approximately 90-ft east is a chain link fence that runs north towards the PBF Fabrication work yard.

2.6 Topography and Soil Description

According to the United States Geological Survey (USGS) Odessa SW Topographic map, the relatively flat topography of the property slopes gently from an elevation of about 2,988 feet (ft) above mean

sea level (AMSL) on the southwest corner of the easement to about 2,979 ft on the northern corner of the 1.0-acre lot. A large (dry) playa lake is located approximately 500 feet to the south and two smaller playa lakes are located approximately 4,600 and 4,200 feet to the north and northeast respectively. A USGS Topographic map is provided in Figure 3.

According to the National Cooperative Soil Survey (USDA Natural Resources Conservation Service), the surface soils at most of the subject property were identified as Faskin-Urban land complex, with soil at the southwestern edge of the easement identified as Conger loam (0 to 2 percent slope), as shown on USDA Soils map included with the GeoPlus Physical Settings Maps, provided in Appendix D. The site-specific soil survey report is included in Appendix E; it indicates that the soils are not considered prime farmland due to the arid climate, however they are suitable for farming with few limitations when under irrigation.

According to the Federal Emergency Management Agency (FEMA) National Flood Insurance Program, the subject property lies within "Zone X", which is the designation for properties not subject to 100- or 500-year flooding. It is north of and adjacent to an area designated as "Zone A", which identifies "Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown".

According to the National Wetlands Inventory, the subject property does not include estuarine, freshwater emergent or forested/shrub wetlands, lake, riverine freshwater pond, or other designated areas as defined by the US Fish and Wildlife Service. The large (dry) playa lake referenced above is designated as a palustrine system, emergent class, broad-leaved deciduous sub-class, temporarily flooded (PEM1A) area. Approximately 1,500 feet to the northeast is a small palustrine system, unconsolidated bottom class, excavated freshwater pond. There are no other surface water features within one-half mile of the site.

2.7 Surface Geology and Groundwater Hydrology

The Geologic Atlas of Texas (Pecos Sheet) shows *Quaternary Alluvium* as the surface geologic unit over the subject property. The alluvium is described as windblown cover sand that is grayish red, fine- to medium-grain quartz sand that contains silty, calcareous caliche nodules. It can be up to 10 feet thick but is not consistent.

According to the TWDB groundwater database, the major aquifer underlying the property is the Edwards-Trinity (Plateau) aquifer, also referred to as the Antlers Sand. Water wells completed within the Edwards-Trinity aquifer in the site vicinity are typically drilled to about 140 ft below ground surface (bgs) with the top of the water table estimated at about 80-90 ft bgs. The lithology of the aquifer consists of interbedded sand, siltstone, and gravel and is confined by the underlying Triassic System, Dockum series red shales. The chemical quality of the Edwards-Trinity groundwater is generally good with total dissolved solids (TDS) that range from about 600 to 1500 mg/L.

The Dockum, Santa Rosa formation is a Minor Aquifer which also underlies the subject property, but is not utilized in the surrounding area, due to its depth and chemical quality, relative to the Edwards-Trinity (Plateau).

3.0 USER PROVIDED INFORMATION

3.1 Title Records

No title records were provided by the user (ECUD) of this document. This section of the Phase I ESA is based on the User Questionnaire (Appendix F) completed by the current owner/representative, Mr. Joseph Hurt.

3.2 Environmental Liens or Activity and Use Limitations

No environmental liens or Activity and Use Limitations were identified by the current owner as represented by Mr. Joseph Hurt.

3.3 Specialized Knowledge

The current owner as represented by Mr. Joseph Hurt indicated no specialized knowledge or experience regarding the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the Standard, "If the user is aware of any commonly known or reasonably ascertainable information within the local community about the subject property that is material to recognized environmental conditions in connection with the subject property; it is the user's responsibility to communicate such information to the environmental professional." Mr. Hurt indicated no such knowledge or information.

3.5 Valuation Reduction for Environmental Issues

According to statements made by the current owner as represented by Mr. Joseph Hurt there has been no known value reduction for environmental issues at the subject property.

3.6 Previous Owner, Property Manager, and Occupant Information

Mr. Joseph Hurt, had no information on the previous owner (prior to 1985).

4.0 RECORDS REVIEW

The purpose of the records review was to obtain and review records that will help identify recognized environmental conditions in connection with the property. Some records reviewed pertain not only to the property, but also to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. Unless stated otherwise the approximate minimum search distances used below were as specified in the ASTM Standard 1527-13. Standard Practice E 1527-13 requires that the following federal and state government environmental records be reviewed for a Phase I ESA:

Federal Lists (by search radius)

- Emergency Response Notification System (ERNSTX) list, subject and adjoining property,
- Engineering Institutional Control (EC) list, subject and adjoining property,
- Land Use Control Information System (LUCIS) list, subject and adjoining property,
- Resource Conservation and Recovery Act (RCRA) - Site Controls (RCRASC) list, subject and adjoining property,
- RCRA Generator Facilities (RCRAGR06) list, within 0.125 miles,
- RCRA Non-Generator Facilities (RCRANGR06) list, within 0.125 miles,
- FEMA Owned Storage Tanks (FEMAUST) list, within 0.25 miles,
- Brownfields Management System (BF) list, within 0.5 miles,
- Delisted NPL site list within 0.5 miles,
- No Longer Regulated RCRA NON-CORRACTS (NLRRCRAT) list, within 0.5 miles,
- RCRA NON-CORRACTS Treatment, Storage, and Disposal (RCRAT) list, within 0.5 miles,
- Superfund Enterprise Management System (SEMS) list, within 0.5 miles,
- Superfund Enterprise Management System Archived Site Inventory (SEMSARCH) list, within 0.5 miles,
- National Priorities List (NPL) within 1.0 mile,
- Proposed National Priorities List (PNPL) within 1.0 mile,
- Resource Conservation and Recovery Act (RCRA) - Corrective Action Facilities (RCRAC) list, within 0.5 miles,
- RCRA Subject to Corrective Action (RCRASUBC) list, within 1.0 mile,

State of Texas Lists (by search radius)

- State Institutional/Engineering Control (SIEC01) list, subject and adjacent property,
- Dry Cleaner Registration Database (DCR), within 0.25 miles
- Petroleum Storage Tanks (PST), within 0.25 miles
- Brownfields Site Assessment (BSA), within 0.5 miles

Phase I Environmental Site Assessment
Ector County Utility District
Tripp Avenue - Elevated Tank Property

- Closed and Abandoned Landfill (CALF) Inventory, within 0.5 miles
- Leaking Petroleum Storage Tank (LPST) list, within 0.5 miles,
- Municipal Solid Waste Landfill (MSWLF) list, within 0.5 miles,
- Radio Active Waste Sites (RWS), within 0.5 miles
- Railroad Commission VCP and Brownfields (RRCVCP) list, within 0.5 miles
- Voluntary Cleanup Program (VCP) list, within 0.5 miles
- Industrial and Hazardous Waste Corrective Action (IHWCA) list, within 1.0 mile

Trident Environmental subcontracted with GeoSearch to provide an ASTM Radius Report as included in Appendix A. GeoSearch specializes in compiling the regulatory environmental records into a comprehensive user-friendly format which helps identify sites that have potential environmental concerns. Along with the environmental records lists recommended by ASTM E 1527-13, GeoSearch also provides thirty-one Federal and fifteen State "Additional" Environmental Records Lists, which are also included in Appendix C.

Of the forty-eight Federal and twenty-six State environmental records searched, only three facilities were identified within the specific search radii. They include the following sites:

Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address
<i>CALF</i>	<i>2150</i>	<i>Higher (2,982 ft.)</i>	<i>0.107 mi. SE (565 ft.)</i>	<i>JAMES HUNT</i>	<i>1500FT N ON TRIPP FROM I-20 N SIDE ACCESS AND 500FT EAST, TX</i>
<i>PST</i>	<i>1037</i>	<i>Lower (2,977 ft.)</i>	<i>0.135 mi. NW (713 ft.)</i>	<i>PBP</i>	<i>901 S TRIPP, ODESSA, TX 79763</i>
<i>CALF</i>	<i>2146</i>	<i>Equal (2,981 ft.)</i>	<i>0.2 mi. SSW (1056 ft.)</i>	<i>BJM DRILLING</i>	<i>0.2M N OF I-20 SERVICE ROAD ON WEST SIDE OF TRIPP ST., TX</i>

Site ID # 1037 is the PBP Fabrication facility, adjacent to the subject property to the north, which once contained two underground storage tanks. The address listed in TCEQ database, 901 South Tripp, appears to be associated with the owner, James R. Hurt (TCEQ Customer Number CN602823445), but the tanks are registered under PBP's Registration Number (RN104586235), which is located at 1117 South Tripp Ave. The petroleum storage tanks (PST) were both made of steel, with a capacity of 750 gallons, and used to store diesel and gasoline. They included no corrosion protection or secondary containment, were installed in 1982 and removed from the ground on August 23, 1993. No leaks from the tanks or piping have been reported.

The State of Texas Closed and Abandoned Landfill (CALF) Inventory identified two sites that were included in the GeoSearch report. It should be noted that the CALF inventory was last updated in November 2005. A more up-to-date source of information is the Permian Basin Regional Planning Commission (PBRPC), which provides specific details concerning the size, use, map location, and boundaries. Of the sites identified in the report, only Site ID # 2146 (1,056 feet to the south-southwest of the subject property) was also included in the PBRPC inventory. It was opened in 1984, closed in 1995 and located on property owned by BJM Drilling.

Site #2150 is located on the property just to the south of the subject property. According to the CALF report, it was owned by James and Joe Hunt [*sic*, Hurt], opened prior to June 11, 1991, closed on August 30, 1991, and received household and construction demolition waste. Because Site #2150 and the caliche pit at the subject property were both present in the 1996 aerial photograph and missing from the 1986 photograph, there was some concern that they might have had a common association, but no evidence of that has been identified.

A brief interview was conducted with Virginia Belew, of the PBRPC, who speculated that Site #2150 was removed from the CALF inventory several years ago and was therefore not included in their own inventory. Ms. Belew investigated the site further and provided an email, dated January 10, 2019, from Cheryl Untermeyer with the Texas Commission on Environmental Quality that indicated the site was removed from the inventory because the waste had been removed (see Appendix F). On the day of the site inspection, it appeared that the landfill area is now being used by Ector County (Highways & Streets Department) to store stockpiles of soil and as a source of material for road maintenance.

The database information, as summarized above in this section, revealed no unresolved formal enforcement actions by federal, state or tribal agencies. Note that enforcement actions which are in process are not publicly available. Also note that all violations do not receive formal enforcement actions. Violations that are minor, short in duration, or quickly corrected by the facility may not warrant formal enforcement action. Current owners and occupants of offsite properties do not necessarily match the responsible parties and/or former owner/occupants as listed on the databases due to change of ownership not reflected in the databases.

It is unlikely that operations at any of the facilities described in this section would impact the environmental conditions of the subject property.

5.0 HISTORY OF SUBJECT PROPERTY AND SURROUNDING AREA

The history of the subject and surrounding properties is based primarily on a review of satellite and aerial photography, with additional information provided by historic street directories and interviews. Images utilized were from: 1944, 1954, 1963, 1974, 1982, 1986, 1990, 1996, 2002, 2003, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, and 2018; those not available on Goggle Earth are included in with the Photographic Documentation. A summary of the history of the area is described as follows:

<u>Image Date</u>	<u>Historic Changes in Area Development</u>
11/28/1944	No discernible development evident on subject property (range land). There are some unimproved dirt roads, and probable oil and gas development evident on nearby properties.
5/8/1954	A single (oil production) tank, located approximately 800 feet east-southeast of the subject property, appears to be accepting oil from well(s) to the south. As indicated in Section 2.2.4, a scar from a possible dirt road, pipeline, flow line, or fence line is visible across the subject property; otherwise the subject property is undeveloped.
5/5/1963	The tank (above) was expanded to a battery with multiple tanks and a square pit or storage pond just to the north. What is now the DCP pipeline, to the north of the subject property, had been constructed. The scar crossing the subject property appears to be utilized as road for access to nearby oil and gas wells.
1/29/1974	South Tripp Avenue was constructed as a dirt road that extends around the west side of a dry playa lake, southwest of the subject property. A homestead appears at the intersection of what is now Hubnik Road and South Tripp, and directly across South Tripp Avenue from the subject property. A storage tank is evident at the southeastern edge of the dry playa lake. The tank is likely for water storage from a windmill identified in the USGS topographic map (Figure 2). The pit or pond described in the 1963 aerial image has been backfilled to surface grade.
12/6/82	The property that is now the PBP Fabrication facility had been constructed, South Tripp Avenue remains a dirt road but now bisects the large (dry) playa lake. The tank battery and pit seen in 1963 have been removed and what is now the Amoco Production Company, West Grayburg Unit No. 33, located 875 feet southeast of the subject property had been drilled. Finally, a caliche pit that later became CALF ID #2146, had been excavated, approximately 1,800 feet south-southwest of the subject property. The remaining areas are range land during this time.
3/6/1986	No significant changes in the subject property and surrounding area were identified during this period. A mobile home is located just south of the PBP Fabrication facility.
12/5/1990	The easement road has been constructed. The caliche pit on the subject property had been excavated, and the ground north of the easement shows signs of disturbance.

1/8/1996	The caliche pit on the adjacent property to the south (CALF ID #2150) had been excavated, and some apparent residential structures had been added to the west and northwest.
2004	The caliche pit on and adjacent to the subject property appears to extent farther south onto the subject property and a land farm or soil spreading area had been established immediately adjacent to the subject property to the south. An area north of the easement road shows signs of use, probably for small arms target practice.
2005	No significant changes in the subject property and surrounding area were observed in this image.
2006	Dark soil stockpiles appear within the caliche pit south of the subject property, otherwise no significant changes in the subject property and surrounding area were observed in this image.
2008	No significant changes in the subject property and surrounding area were identified during this period, although the property to the south, where the caliche pit had been partially filled and leveled appears organized and active, relative to the subject property. The mobile home south of the PBP Fabrication facility is not present. Used oilfield equipment is present just northwest of the target practice area.
2010	No significant changes in the subject property and surrounding area were observed in this image.
2012	No significant changes in the subject property and surrounding area were observed in this image.
2014	A mobile home is present just south of the PBP Fabrication facility, otherwise no significant changes in the subject property and surrounding area were observed in this image.
2016	No significant changes in the subject property and surrounding area were observed in this image.

6.0 SITE RECONNAISSANCE

The purpose of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property or to note use and presence of hazardous materials which could affect the environmental condition of the subject property.

6.1 Methodology and Limiting Conditions

A reconnaissance of the subject property was conducted by Dale Littlejohn on December 20, 2018. The weather during the reconnaissance was sunny with seasonable temperatures and a moderate wind. All areas of the subject property were accessible at the time of the reconnaissance; with no visual or physical obstructions (including buildings or other obstructions) to hinder the inspection. Numerous photographs were taken to document conditions at the time of the reconnaissance and are included in with the Photographic Documentation.

6.2 General Site Setting

The 1.83-acre subject property (including the easement) is fenced along the southeast with barbed-wire fence. A chain-link fence is located near the northeast edge of the property but not specifically on the property boundary. Access to the site is provided by a dirt road located adjacent and parallel to the easement with a single gate near South Tripp Avenue. The ground surface is relatively level except for the portion of the caliche pit that extends into the subject property. A large stockpile of soil is present just outside the southwest edge of the main area of the property from which the entire subject and adjacent properties can be viewed. Vegetative cover included small mesquite trees, shrubs, and native grasses. The soil is generally thin with several outcrops of caliche exposed at the surface.

6.3 Observations

The subject property is vacant, with no identifiable evidence of recent activities. Indicators of hazardous material releases include stressed vegetation; spillage/leakage of hazardous substances; staining of soil or other permeable surfaces; leachate or waste seeps; waste materials; disposal areas; construction/demolition debris; drums, barrels, or containers that presently or could have formerly contained hazardous substances; unusual odors and surface water discoloration, odor, sheen, or free-floating product. There were no indications of any chemical or petroleum hydrocarbon releases observed at the subject property during the site reconnaissance. A metal detector was used in an effort to verify the possible pipeline identified in the 1954 aerial photograph, but evidence of buried steel was found.

There are no electrical power poles or lines present or across the subject property, therefore no concerns from polychlorinated Biphenyl (PCB) containing transformer oil. There was no evidence of any above ground or underground storage tanks, including dispensers or piping, on the subject property.

There was no equipment or structures specifically known to utilize asbestos containing material (ACM) observed on the subject property, however, some fibrous material, which may have been part of a discarded vessel seen in the 2006 to 2013 satellite images was observed and documented on the day of inspection. This material is located just north of the access road where it intersects with the main portion of the subject property.

No evidence of solid waste disposal was observed on the subject property, although yard waste, construction waste, and lead waste from firearms was present on or near the subject property within the caliche pit. No evidence of waste water disposal was observed on the subject property.

Although a detailed site-accessed reconnaissance of the adjacent properties was not performed, observations and photographs from the edges of the subject property did not identify any specific evidence of a recognized environmental condition of obvious future liability to the subject property.

7.0 INTERVIEWS

7.1 Interview with Current Owners

Mr. Joseph Hurt, through his companies, have owned the subject property since 1985, maintains an office at the PBP Fabrication Facility immediately to the north at 1117 South Tripp Avenue, and is intimately familiar with the property, its uses, and history. A representative of Trident Environmental met personally with Mr. Hurt at this office on January 3, 2019 to review and complete the User Questionnaire (Appendix F).

In the questionnaire, Mr. Hurt indicated he is unaware of any environmental liens or land use limitations in the form of engineering or institutional controls associated with the property. He did not have any specialized knowledge or experience related to the historic use of the property or associations with the adjacent properties that could provide insight into a potential environmental liability. Mr. Hurt was not aware of commonly known or reasonably ascertainable information about the property that would aid in identifying conditions indicative of releases or threatened releases. He indicated that the price being paid for the subject property reflected a fair market value. Based on his knowledge of the property it has never served as a place of chemical use or storage, contained a chemical spill or release, or had been subject to an environmental cleanup. Mr. Hurt was also not aware of any obvious indicators that point to the presence or likely presence of contamination on the property.

Although he did not have any specific specialized knowledge or experience related to the nearby properties, he was aware that the property to the south is owned by Ector County and has been used to stockpile soils and materials associated with construction activities conducted across the county. He indicated that none of the activities conducted at the property to the south had ever extended onto the subject property.

7.2 Interview with Previous Owner Representative

No previous owner representatives were available for an interview.

7.3 Interviews with Past Occupants

Mr. Joseph Hurt is considered the primary occupant as well as the current owner, since he works at the facility to the immediate north of the subject property. No other employees or occupants were interviewed.

7.4 Interviews with Local Government Officials

As discussed in Section 4.0, a brief interview was conducted with Virginia Belew, of the PBRPC, on December 21, 2018, who provided information concerning the closed or abandoned landfills in the area. This interview was followed-up with an email forwarded to Trident from Cheryl Untermeyer with the TCEQ, who provided additional information concerning the closed or abandoned landfill located adjacent to the subject property to the south (Appendix F).

7.5 Interviews with Others

No other interviews were conducted as part of this environmental site assessment.

8.0 FINDINGS, OPINIONS, CONCLUSIONS

8.1 *Findings*

The Phase I ESA for the subject property located immediately south of 1117 South Tripp Avenue, Odessa TX, was performed in conformance with the scope and limitations of ASTM Standard Practice 1527-13. The findings of this Phase I ESA included the following:

- o The subject property was never developed except for the sale of caliche.
- o There are no buildings or structures on the subject property.
- o Since the subject property is outside of city limits no municipal water or sewage providers are available.
- o There are no water wells on the subject property.
- o There has been no past or present oil and gas production on the subject property, including gas gathering and transmission lines, oil and gas wells, tank batteries and other associated equipment related to oil and gas activities.

8.2 *Opinions and Conclusions*

During the course of this investigation, there was no indication of an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into the soil or groundwater on the subject property.

It is the opinion of Trident Environmental that this assessment has revealed no evidence of "recognized environmental conditions", as defined by the ASTM standard, in connection with the subject property.

9.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Designation: E 1527-13.

Bureau of Economic Geology, University of Texas, The Geologic Atlas of Texas (Pecos Sheet)

GeoSearch, GeoPlus Oil and Gas Report (November 28, 2018)

GeoSearch, GeoPlus Physical Setting Maps (November 28, 2018)

GeoSearch, GeoPlus Water Well Report (November 28, 2018)

GeoSearch, ASTM Radius Report (November 28, 2018)

GeoSearch, Aerial photography for the years 1944, 1954, 1963, 1974, 1982, 1986, 1990, 1996, 2004, 2005, 2006, 2008, 2010, 2012, 2014, and 2016

Google™ Earth, aerial photography (various historic images)

PBP Fabrication, Inc., webpage
<http://www.pbpfab.com/companyprofile.html>

Permian Basin Regional Planning Commission, Closed Landfill Inventory for Ector County (2002)

Railroad Commission of Texas (RRC) Online System and GIS Viewer
<http://www.gisp.rrc.texas.gov/GISViewer2/>

Texas Commission of Environmental Quality Central Registry Query database
<http://www12.tceq.state.tx.us/crpub/index.cfm?fuseaction=home.welcome>

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey
<http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>

Federal Emergency Management Agency (FEMA) National Flood Insurance Program
<https://floodmaps.fema.gov>

United States Geological Survey, Odessa SW topographic quadrangle

FIGURES

Figure 1

Site Map

Figure 2

RRC Map of Oil & Gas Wells

and Buried Pipelines

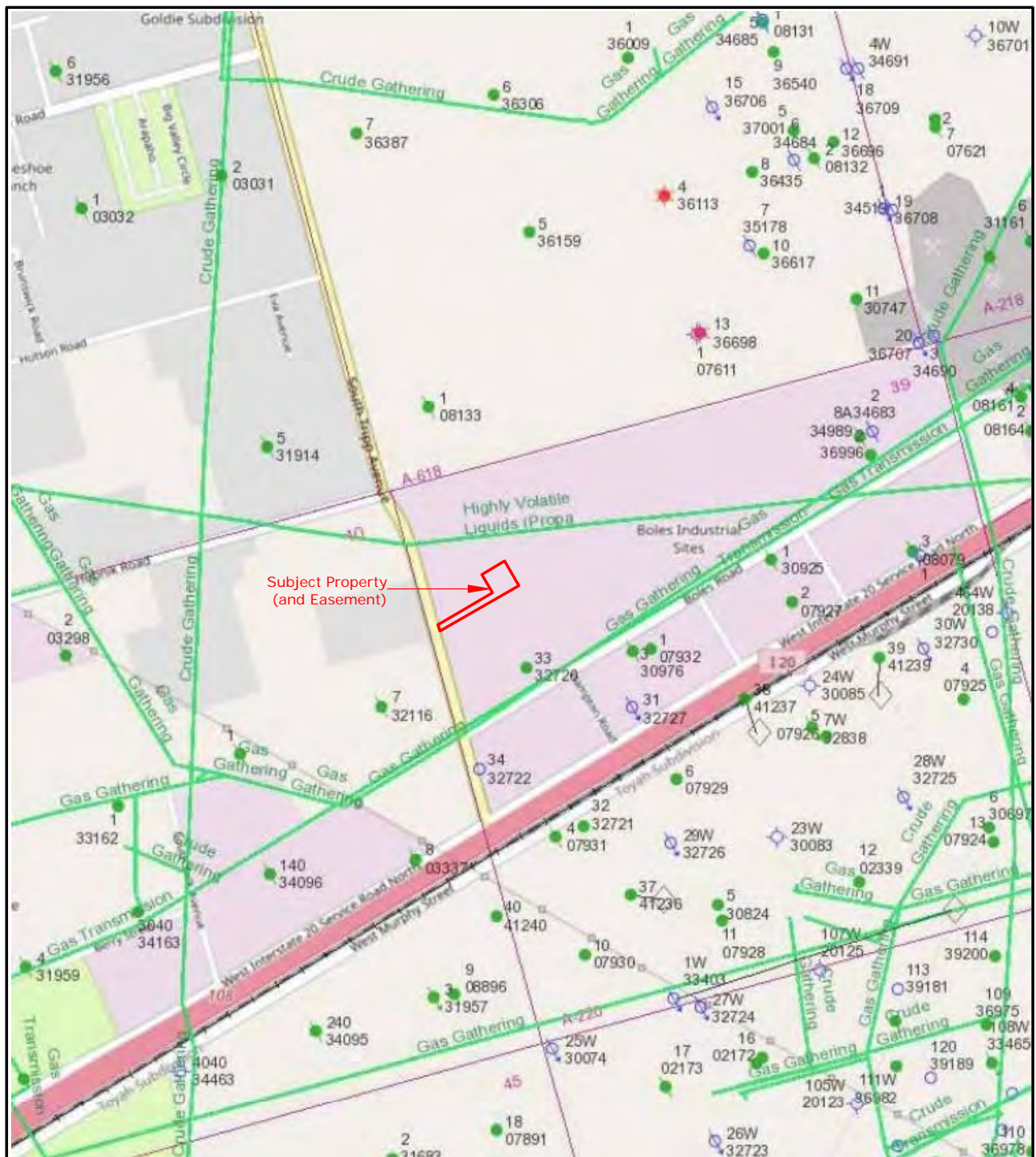
Figure 3

Topographic Map



ECTOR COUNTY UTILITY DISTRICT
 PHASE 1 ESA
 SEC 39, BLK 43, T2S, T&P RR SURVEY
 ECTOR COUNTY, TEXAS

**FIGURE 1
 SITE MAP**
 Tripp Avenue
 Elevated Tank Property



Source:
Railroad Commission of Texas
RRC Public GIS Viewer

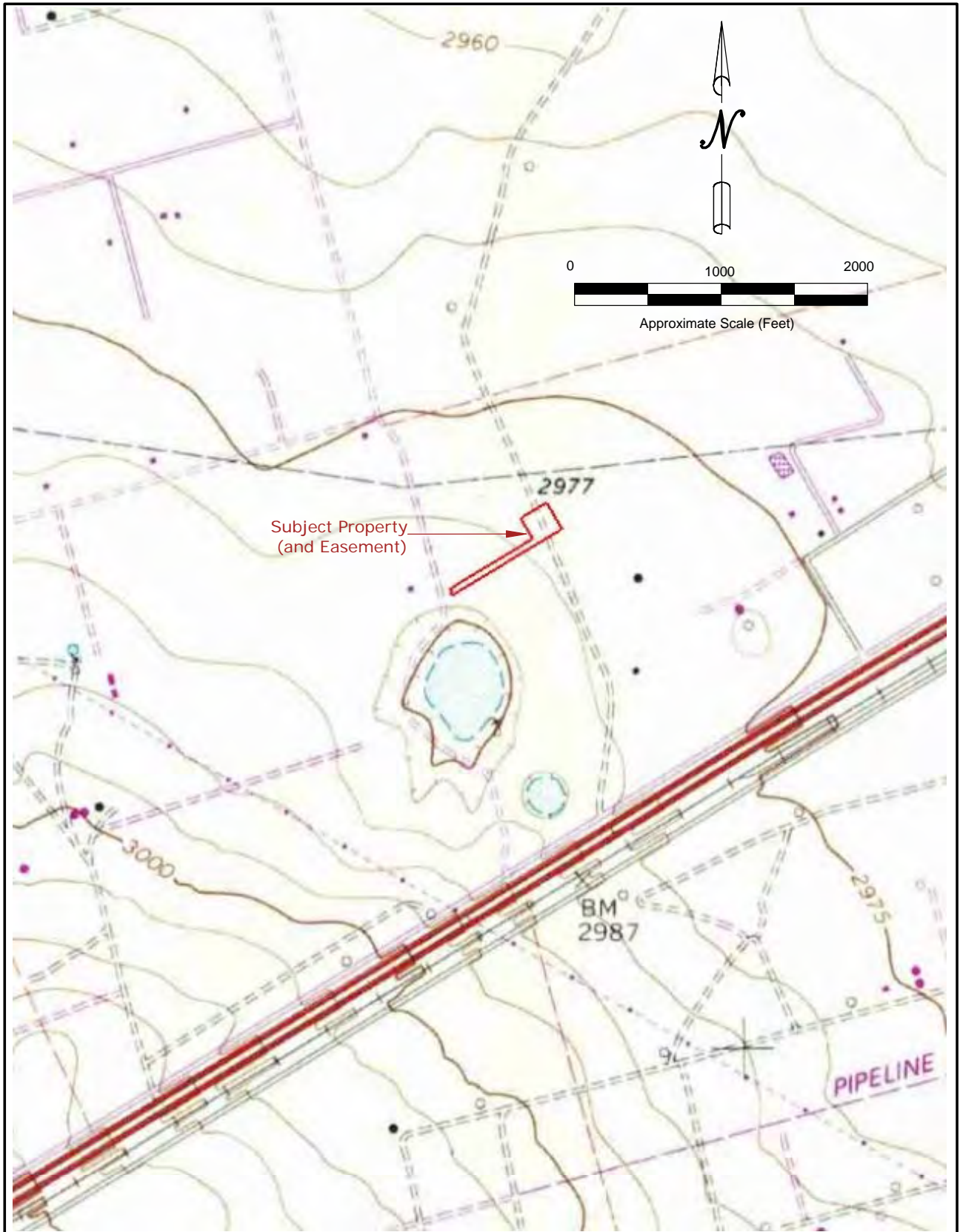
0 1000 2000
Approximate Scale (Feet)



ECTOR COUNTY UTILITY DISTRICT
PHASE 1 ESA
SEC 39, BLK 43, T2S, T&P RR SURVEY
ECTOR COUNTY, TEXAS

FIGURE 2

Oil & Gas Wells and
Buried Pipelines



ECTOR COUNTY UTILITY DISTRICT
PHASE 1 ESA
SEC 39, BLK 43, T2S, T&P RR SURVEY
ECTOR COUNTY, TEXAS

FIGURE 3
TOPOGRAPHIC MAP

HISTORICAL AERIAL PHOTOGRAPHS

Aerial Research Summary

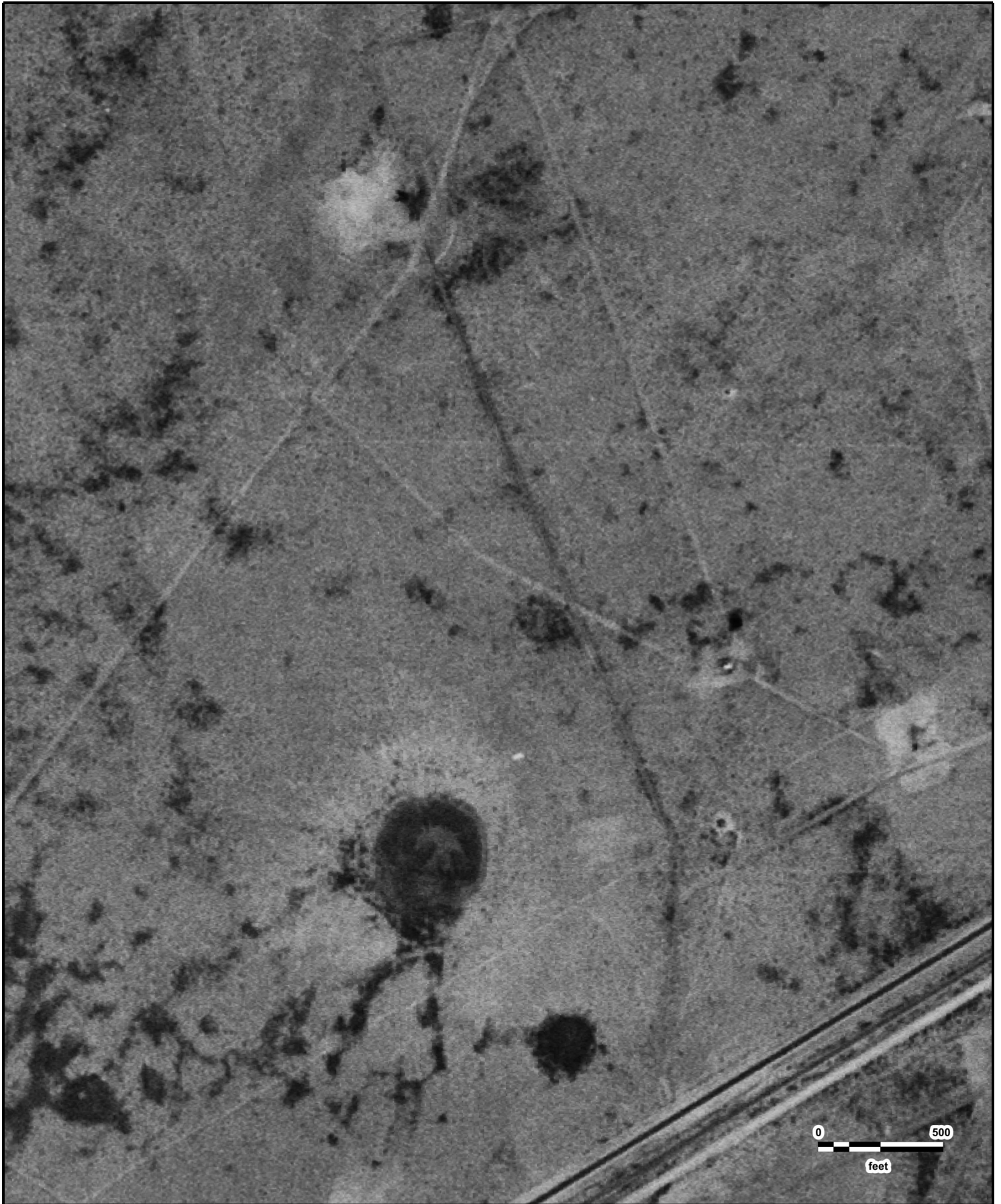
<i>Date</i>	<i>Source</i>	<i>Scale</i>	<i>Frame</i>
2016	USDA	1" = 500'	N/A
2014	USDA	1" = 500'	N/A
2012	USDA	1" = 500'	N/A
2010	USDA	1" = 500'	N/A
2008	USDA	1" = 500'	N/A
2006	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
01/08/1996	USGS	1" = 500'	N/A
12/05/1990	TXDOT	1" = 500'	6-121
03/06/1986	TXDOT	1" = 500'	7-245
12/06/1982	TXDOT	1" = 500'	7-205
01/29/1974	USGS	1" = 500'	1-250
05/05/1963	USGS	1" = 500'	1-219
05/03/1954	AMS	1" = 500'	1865
11/28/1944	USAF	1" = 1320'	PI-2

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.



ECUD - Tripp Ave
USAF
11/28/1944

GeoSearch



ECUD - Tripp Ave
AMS
05/03/1954

GeoSearch



ECUD - Tripp Ave
USGS
05/05/1963

GeoSearch



0 500
feet



ECUD - Tripp Ave
USGS
01/29/1974

GeoSearch



ECUD - Tripp Ave
TXDOT
12/06/1982

GeoSearch



ECUD - Tripp Ave
TXDOT
03/06/1986

GeoSearch



ECUD - Tripp Ave
TXDOT
12/05/1990

GeoSearch



ECUD - Tripp Ave
USGS
01/08/1996

GeoSearch



ECUD - Tripp Ave
USDA
2004

GeoSearch



ECUD - Tripp Ave
USDA
2005

GeoSearch



ECUD - Tripp Ave
USDA
2006

GeoSearch



ECUD - Tripp Ave
USDA
2008

GeoSearch



ECUD - Tripp Ave
USDA
2010

GeoSearch



0 500
feet



ECUD - Tripp Ave
USDA
2012

GeoSearch

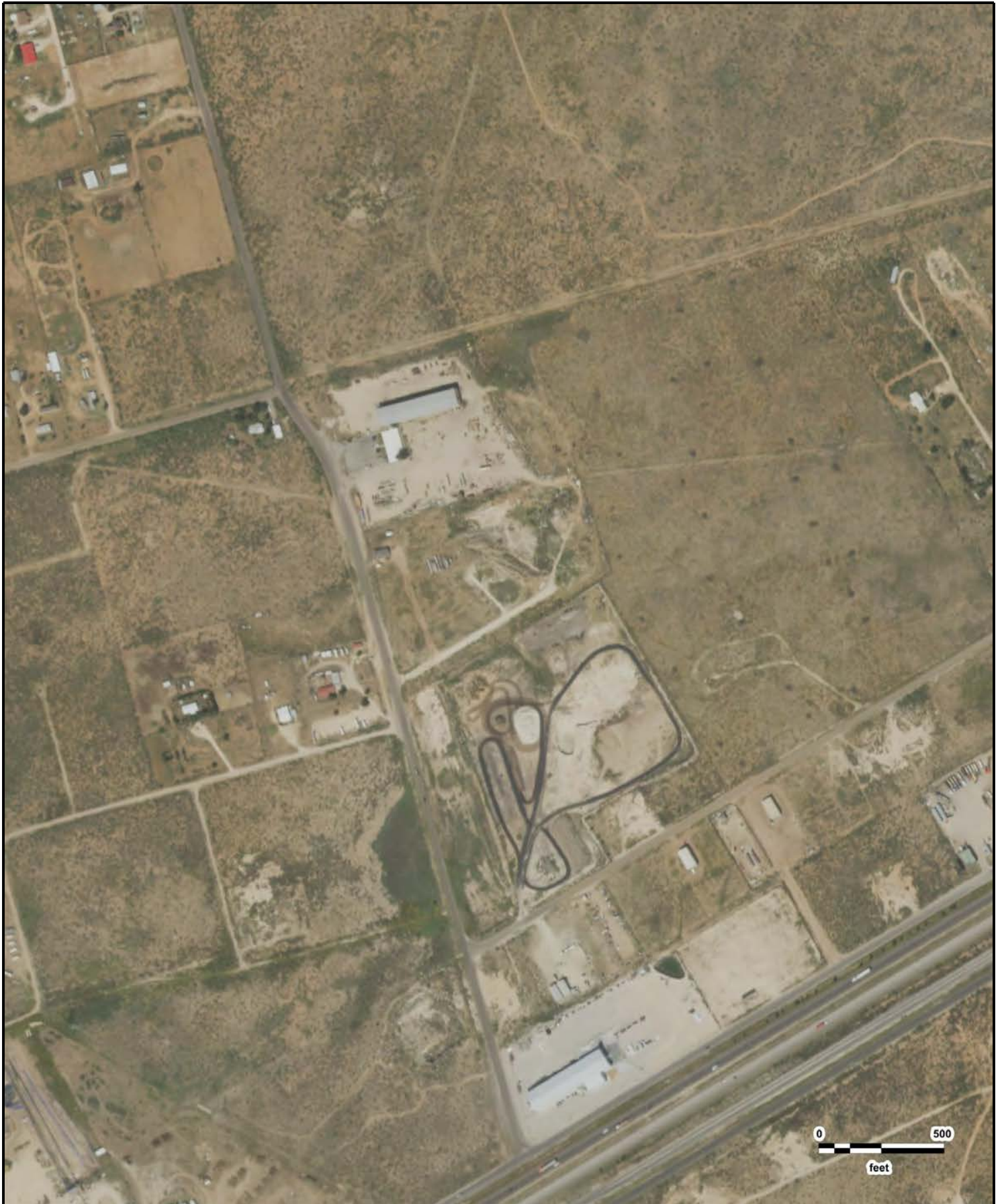


0 500
feet



ECUD - Tripp Ave
USDA
2014

GeoSearch



ECUD - Tripp Ave
USDA
2016

GeoSearch

**SITE RECONNAISSANCE
PHOTOGRAPHS**



Caliche Pit and Off-Site PBP Fabrication Facility



South Edge of Caliche Pit and Off-Site Vacant Property



Easement and Off-Site Soil Storage Property



Off-Site Equipment Storage and Residential Structures Beyond



Typical Waste on Subject Property side of Caliche Pit



Subsidence of Road Near Caliche Pit



Cooling Coils Stored Adjacent to Subject Property to NE



Debris Stored Adjacent to Subject Property Near NE Edge



Stockpiled Soil on Adjacent Property to South



Fibrous Pads at Location of Discarded Vessel



Large Playa Lake Located to Southwest of Easement



Remaining Hay Bale of Several From 2009 Satellite Image

Appendix A

Environmental Regulatory Record Search

GeoSearch Radius Report



Radius Report

[NEW: GeoLens by Geosearch](#)

Target Property:
ECUD - Tripp Ave
Tripp Ave
Odessa, Ector County, Texas 79763

Prepared For:
Trident Environmental

Order #: 118275
Job #: 268350
Project #: V-276
Date: 11/28/2018

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Summary</i>	2
<i>Database Radius Summary</i>	7
<i>Radius Map</i>	11
<i>Ortho Map</i>	13
<i>Topographic Map</i>	14
<i>Located Sites Summary</i>	14
<i>Elevation Summary</i>	17
<i>Unlocated Sites Summary</i>	21
<i>Environmental Records Definitions</i>	23
<i>Unlocatable Report</i>	See Attachment
<i>Zip Report</i>	See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR 312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR 312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.46360, 31.8014129)
2,981 feet above sea level

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763, 79766

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR06	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR06	0	0	0.1250
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR06	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FACILITY REGISTRY SYSTEM	FRSTX	0	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESRO6	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

STATE (TX) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	TP/AP
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	1	0	0.2500
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALE	2	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	0	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
INDUSTRIAL AND HAZARDOUS WASTE CORRECTIVE ACTION SITES	IHWCA	0	0	1.0000
STATE SUPERFUND SITES	SF	0	0	1.0000
SUB-TOTAL		3	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
GROUNDWATER CONTAMINATION CASES	GWCC	0	0	TP/AP
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	TP/AP
LAND APPLICATION PERMITS	LANDAPP	0	0	TP/AP
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	TP/AP
NOTICE OF VIOLATIONS	NOV	0	0	TP/AP
SPIILLS LISTING	SPIILLS	0	0	TP/AP
TCEQ LIENS	LIENS	0	0	TP/AP
TIER I I CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	0	0	TP/AP
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	0	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
DRY CLEANER REMEDIATION PROGRAM SITES	DCRPS	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IOP	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
SALT CAVERNS FOR PETROLEUM STORAGE	STCV	0	0	0.5000

Database Summary

SUB-TOTAL		0	0	
-----------	--	---	---	--

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000

SUB-TOTAL		0	0	
-----------	--	---	---	--

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000

SUB-TOTAL		0	0	
-----------	--	---	---	--

TOTAL		3	0	
-------	--	---	---	--

Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ECHOR06	0.0200	0	NS	NS	NS	NS	NS	0
ERNSTX	0.0200	0	NS	NS	NS	NS	NS	0
FRSTX	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR06	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR06	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR06	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR06	0.1250	0	0	NS	NS	NS	NS	0
RCRANGR06	0.1250	0	0	NS	NS	NS	NS	0
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
DNPL	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SEMS	0.5000	0	0	0	0	NS	NS	0
SEMSARCH	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
GWCC	0.0200	0	NS	NS	NS	NS	NS	0
HISTGWCC	0.0200	0	NS	NS	NS	NS	NS	0
LANDAPP	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MSD	0.0200	0	NS	NS	NS	NS	NS	0
NOV	0.0200	0	NS	NS	NS	NS	NS	0
SIEC01	0.0200	0	NS	NS	NS	NS	NS	0
SPILLS	0.0200	0	NS	NS	NS	NS	NS	0
TIERII	0.0200	0	NS	NS	NS	NS	NS	0
DCR	0.2500	0	0	0	NS	NS	NS	0
IHW	0.2500	0	0	0	NS	NS	NS	0
PIHW	0.2500	0	0	0	NS	NS	NS	0
PST	0.2500	0	0	1	NS	NS	NS	1
APAR	0.5000	0	0	0	0	NS	NS	0
BSA	0.5000	0	0	0	0	NS	NS	0
CALF	0.5000	0	1	1	0	NS	NS	2
DCRPS	0.5000	0	0	0	0	NS	NS	0
IOP	0.5000	0	0	0	0	NS	NS	0
LPST	0.5000	0	0	0	0	NS	NS	0
MSWLF	0.5000	0	0	0	0	NS	NS	0
RRCVCP	0.5000	0	0	0	0	NS	NS	0
RWS	0.5000	0	0	0	0	NS	NS	0
STCV	0.5000	0	0	0	0	NS	NS	0
VCP	0.5000	0	0	0	0	NS	NS	0
WMRF	0.5000	0	0	0	0	NS	NS	0
IHWCA	1.0000	0	0	0	0	0	NS	0
SF	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	1	2	0	0	0	3

Database Radius Summary

TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR06	0.2500	0	0	0	NS	NS	NS	0
LUSTR06	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

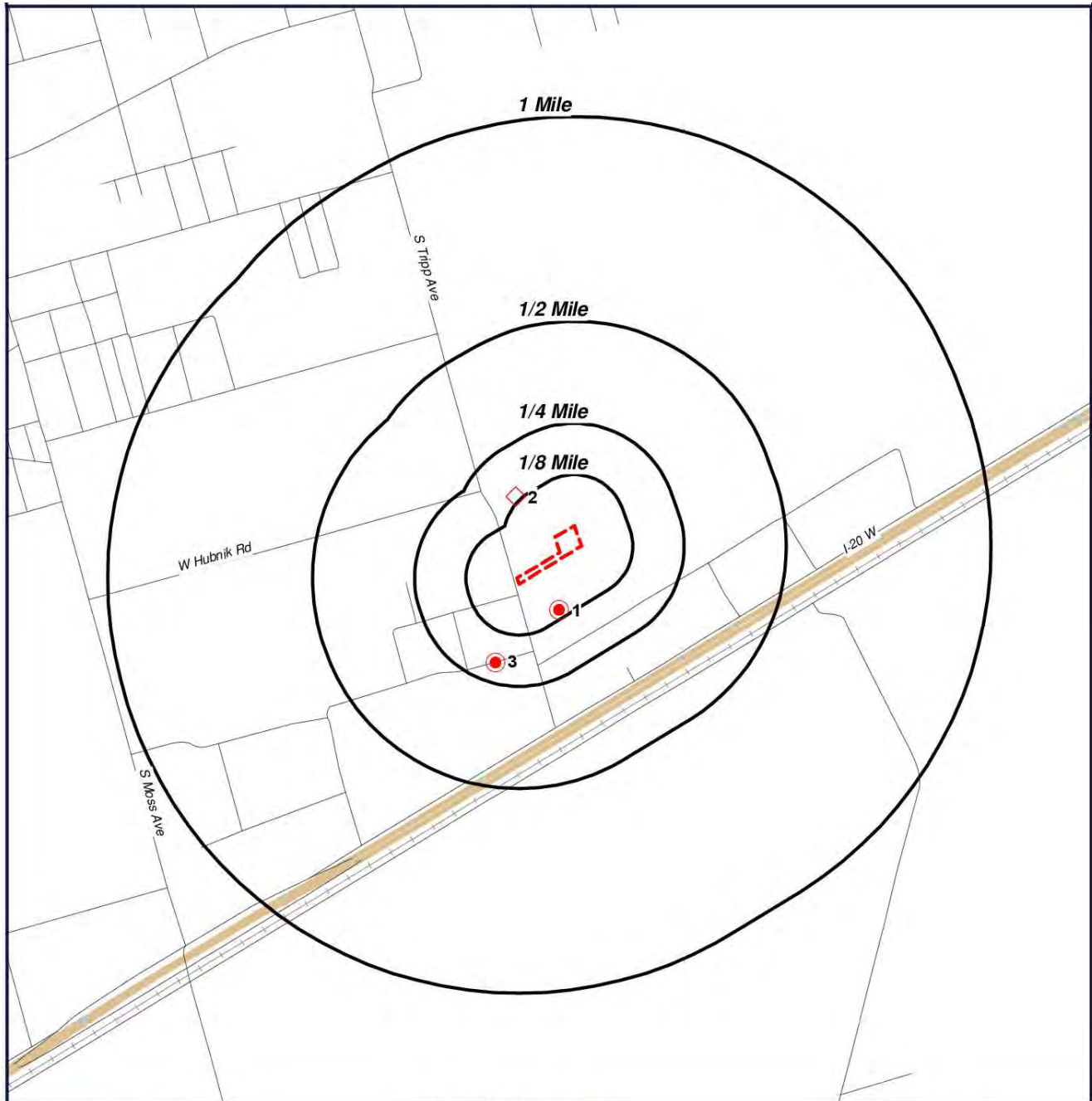
TOTAL		0	1	2	0	0	0	3
--------------	--	----------	----------	----------	----------	----------	----------	----------

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



- Target Property (TP)
- CALF
- PST

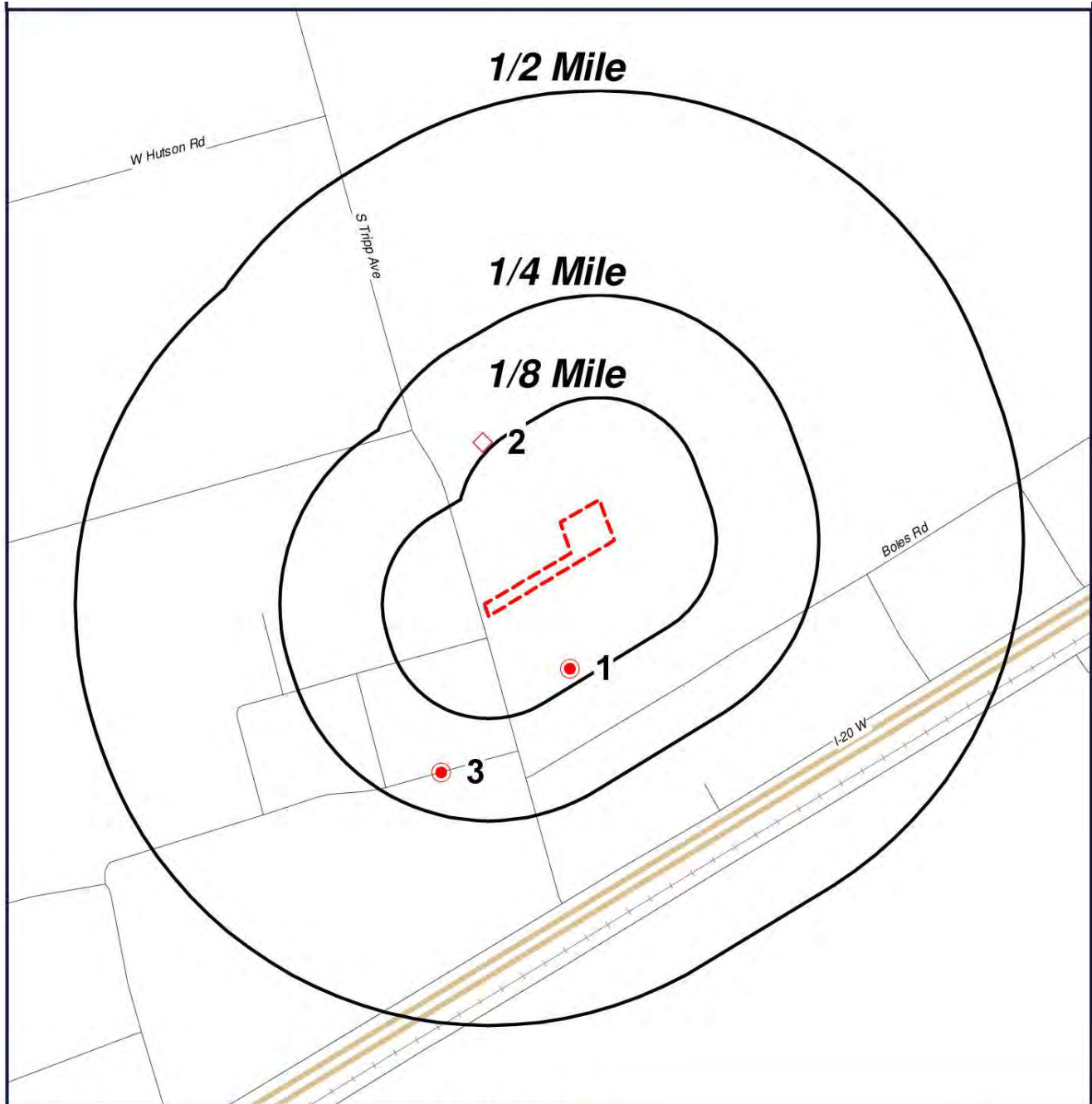
ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Radius Map 2



- Target Property (TP)
- CALF
- PST

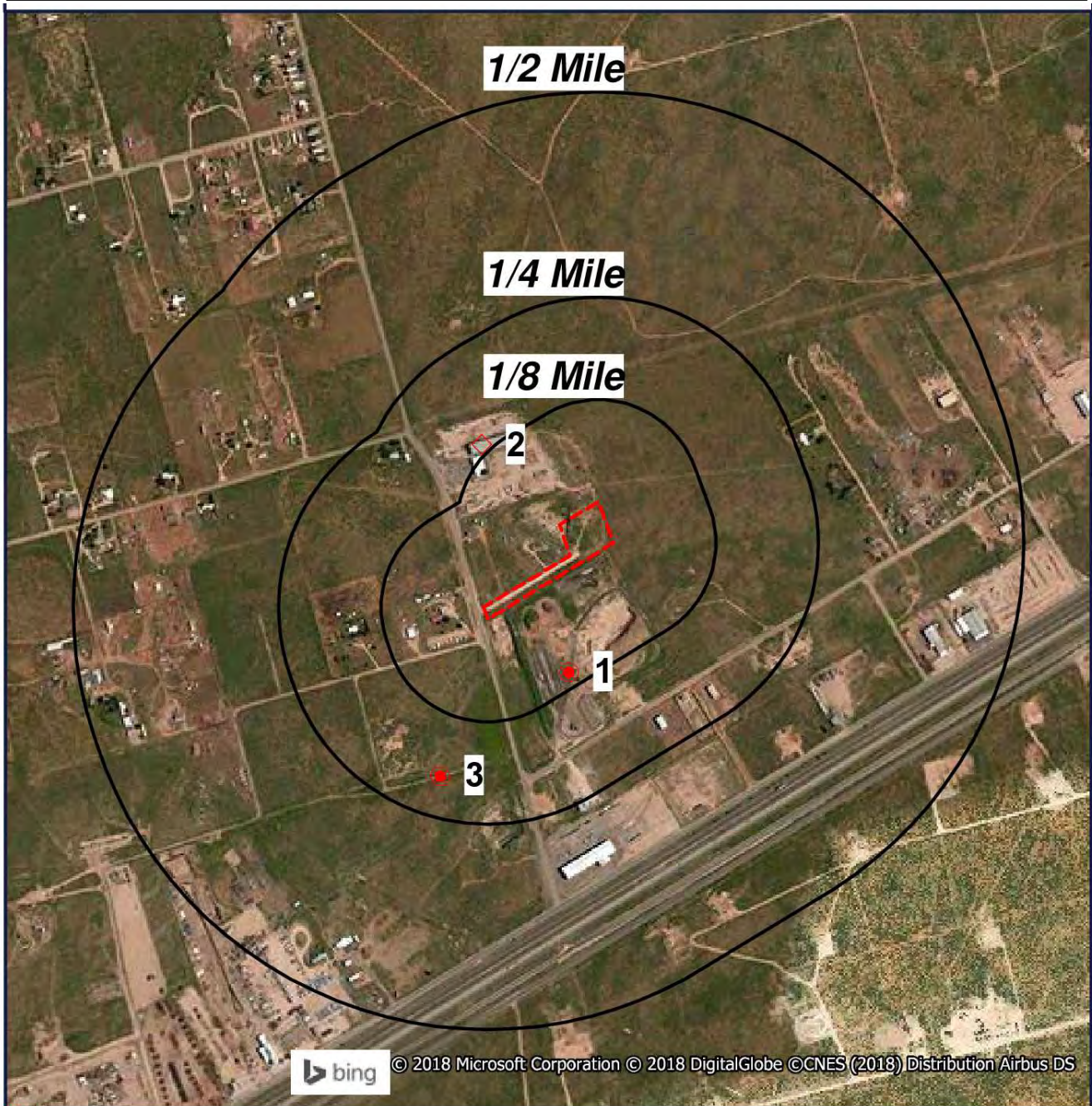
ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763



0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view](#)

Ortho Map



- Target Property (TP)
- CALF
- PST

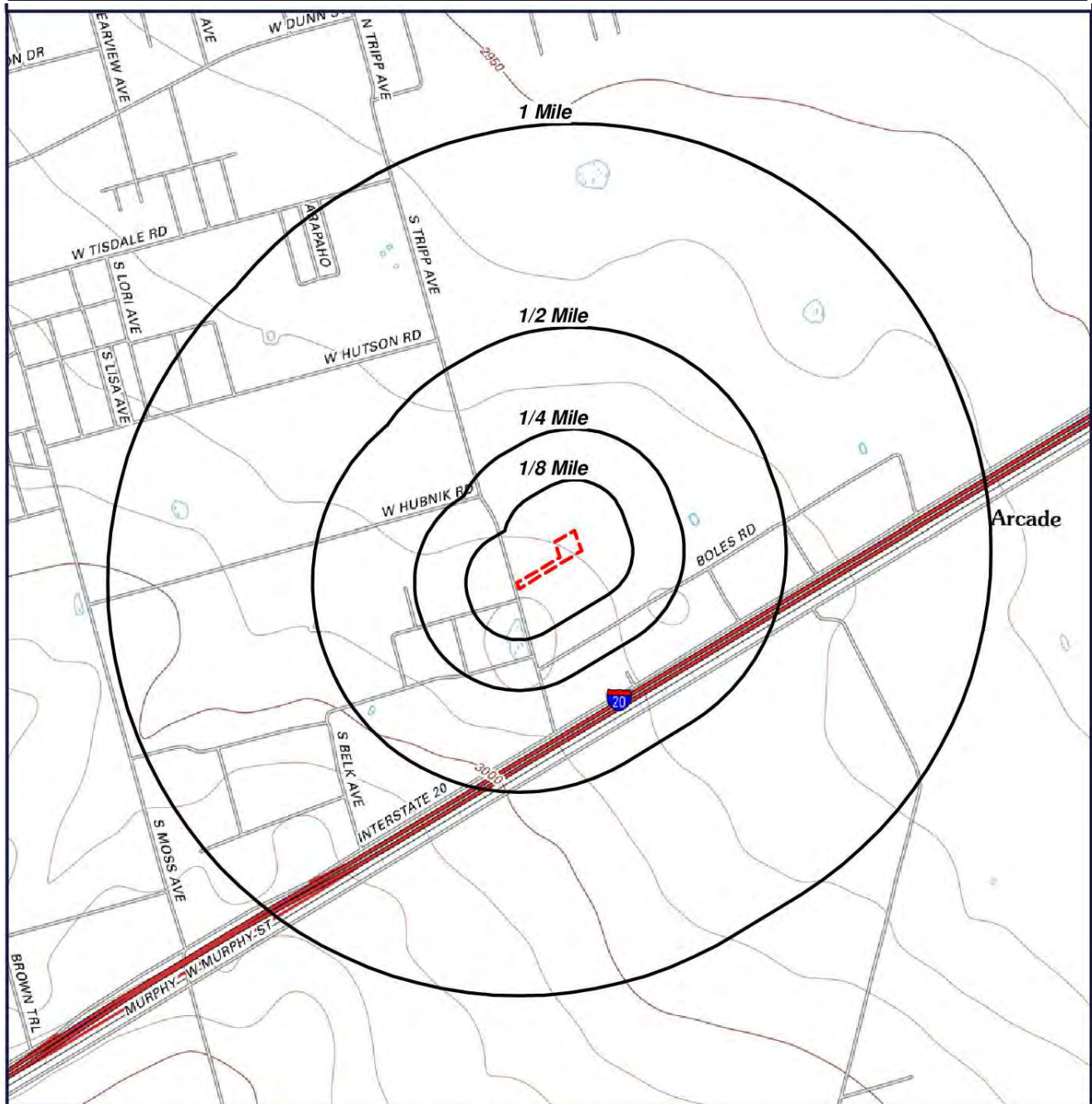
Quadrangle(s): Odessa Sw
ECUD -Tripp Ave
Tripp Ave
Odessa, Texas
79763




0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view](#)

Topographic Map



 Target Property (TP)

Quadrangle(s): Odessa Sw
Source: USGS, 12/20/2012
ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	CALF	2150	Higher (2,982 ft.)	0.107 mi. SE (565 ft.)	JAMES HUNT	1500FT N ON TRIPP FROM I-20 N SIDE ACCESS AND 500FT EAST, TX	17
2	PST	1037	Lower (2,977 ft.)	0.135 mi. NW (713 ft.)	PBP	901 S TRIPP, ODESSA, TX 79763	18
3	CALF	2146	Equal (2,981 ft.)	0.2 mi. SSW (1056 ft.)	BJM DRILLING	0.2M N OF I-20 SERVICE ROAD ON WEST SIDE OF TRIPP ST., TX	21

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 2981 ft.

NOTE: Standard environmental records are displayed in **bold**.

EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	CALF	2,982 ft.	JAMES HUNT	1500FT N ON TRIPP FROM I-20 N SIDE ACCESS AND 500FT EAST, TX	17
3	CALF	2,981 ft.	BJM DRILLING	0.2M N OF I-20 SERVICE ROAD ON WEST SIDE OF TRIPP ST., TX	21

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
2	PST	2,977 ft.	PBP	901 S TRIPP, ODESSA, TX 79763	18

Closed & Abandoned Landfill Inventory (CALF)

[MAP ID# 1](#)

Distance from Property: 0.107 mi. (565 ft.) SE

Elevation: 2,982 ft. (Higher than TP)

SITE INFORMATION

SITE NUMBER: 2150

SITE NAME: JAMES HUNT

LOCATION:

1500FT N ON TRIPP FROM I-20 N SIDE ACCESS AND 500FT EAST

COUNTY: ECTOR

COMMENTS:

TNRCC #32457

INSPECTION:

NOT REPORTED

OWNER NAME: JAMES AND JOE HUNT

DATE OPEN: 1991

DATE CLOSE: 1991

SIZE (ACRES): 0.00

SIZE (CUBIC YARDS): 0.00

PARTIES: NOT REPORTED

LANDFILL CONTENTS

HOUSEHOLD: YES

INDUSTRIAL: NR

AGRICULTURE: NR

OTHER: NR

UNAUTHORIZED: NR

HAZARD PROBABLY: NR

DEPTH CD: NR

MAXIMUM DEPTH: 0.00

OTHER DESCRIPTION: NOT REPORTED

REVIEWER: OPENED BEFORE 19910611 CLOSED 19910830

CONSTRUCTION DEMOLITION: YES

TIRES: NR

BRUSH: NR

LEGAL: NR

HAZARD UNLIKELY: NR

HAZARD CERTAINLY: NR

MINIMUM THICKNESS: NR

USE: NOT REPORTED

[Back to Report Summary](#)

Petroleum Storage Tanks (PST)

[MAP ID# 2](#)

Distance from Property: 0.135 mi. (713 ft.) NW

Elevation: 2,977 ft. (Lower than TP)

FACILITY INFORMATION

ID#: 1037

NAME: PBP

ADDRESS: 901 S TRIPP

ODESSA, TX 79763

COUNTY: ECTOR

REGION: 7

TYPE: UNKNOWN

BEGIN DATE: 06/02/1986

STATUS: INACTIVE

EXEMPT STATUS: NO

RECORDS OFF-SITE: NO

NUMBER OF ACTIVE UNDERGROUND TANKS: 0

NUMBER OF ACTIVE ABOVEGROUND TANKS: 0

APPLICATION INFORMATION:

RECEIVED DATE ON EARLIEST REGISTRATION FORM: 05/08/1986

SIGNATURE DATE ON EARLIEST REGISTRATION FORM: 02/05/1986

SIGNATURE NAME & TITLE: JOE S HURT, SIGNATURE TITLE NOT REPORTED

ENFORCEMENT ACTION DATE: NOT REPORTED

OWNER

OWNER NUMBER: CN602823445

NAME: HURT

CONTACT ADDRESS: OWNER ADDRESS NOT REPORTED

CITY NOT REPORTED

TYPE: INDIVIDUAL

BEGIN DATE: 06/02/1986

CONTACT ROLE: NOT REPORTED

CONTACT NAME: NOT REPORTED

CONTACT TITLE: NOT REPORTED

ORGANIZATION: NOT REPORTED

PHONE: NOT REPORTED

FAX: NOT REPORTED

EMAIL: NOT REPORTED

OWNER NUMBER: CN602823452

NAME: HURT

CONTACT ADDRESS: OWNER ADDRESS NOT REPORTED

CITY NOT REPORTED

TYPE: INDIVIDUAL

BEGIN DATE: 06/02/1986

CONTACT ROLE: NOT REPORTED

CONTACT NAME: NOT REPORTED

CONTACT TITLE: NOT REPORTED

ORGANIZATION: NOT REPORTED

PHONE: NOT REPORTED

CONTACT INFORMATION

NAME: JAMES HURT

TITLE: NOT REPORTED

ORGANIZATION: PBP CO

MAIL ADDRESS: MAILING ADDRESS NOT REPORTED

CITY NOT REPORTED

PHONE: (915) 3815542 0

Petroleum Storage Tanks (PST)

FAX: **NOT REPORTED**

EMAIL: **NOT REPORTED**

OPERATOR

NO OPERATOR INFORMATION REPORTED

SELF-CERTIFICATION

-NO SELF-CERTIFICATION INFORMATION REPORTED-

CONSTRUCTION NOTIFICATION

NO CONSTRUCTION NOTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK

TANK ID: **1**

NUMBER OF COMPARTMENTS: **1**

INSTALLATION DATE: **01/01/1982**

REGISTRATION DATE: **05/08/1986**

TANK CAPACITY (GAL): **750**

EMPTY TANK: **NOT EMPTY**

STATUS: **REMOVED FROM GROUND**

STATUS BEGIN DATE: **08/23/1993**

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **NO**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **NO**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

STEEL

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **3444**

TANK ID: **1**

COMPARTMENT LETTER: **A**

SUBSTANCES: **GASOLINE**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **750**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **NOT REPORTED**

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

NOT REPORTED

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

<i>Petroleum Storage Tanks (PST)</i>

TANK ID: 2	NUMBER OF COMPARTMENTS: 1
INSTALLATION DATE: 01/01/1982	REGISTRATION DATE: 05/08/1986
TANK CAPACITY (GAL): 750	EMPTY TANK: NOT EMPTY
STATUS: REMOVED FROM GROUND	STATUS BEGIN DATE: 08/23/1993
INTERNAL PROTECTION DATE: NOT REPORTED	REGULATORY STATUS: FULLY REGULATED
TANK DESIGN SINGLE WALL: NO	TANK DESIGN DOUBLE WALL: NO
PIPE DESIGN SINGLE WALL: NO	PIPE DESIGN DOUBLE WALL: NO

TANK DETAILS

MATERIAL:

STEEL

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: NO

CORROSION PROTECTION VARIANCE: NO VARIANCE

COMPARTMENT DETAILS

UST COMPARTMENT ID: 3445

TANK ID: 2

COMPARTMENT LETTER: A

SUBSTANCES: DIESEL

OTHER SUBSTANCES: NOT REPORTED

CAPACITY (GAL): 750

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: NOT REPORTED

PIPING SYSTEMS

MATERIAL: NOT REPORTED

CORROSION PROTECTION: NOT REPORTED

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

NOT REPORTED

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: NO

CORROSION PROTECTION VARIANCE: NO VARIANCE

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

[Back to Report Summary](#)

Closed & Abandoned Landfill Inventory (CALF)

[MAP ID# 3](#)

Distance from Property: 0.2 mi. (1,056 ft.) SSW

Elevation: 2,981 ft. (Equal to TP)

SITE INFORMATION

SITE NUMBER: 2146

SITE NAME: **BJM DRILLING**

LOCATION:

0.2M N OF I-20 SERVICE ROAD ON WEST SIDE OF TRIPP ST.

COUNTY: **ECTOR**

COMMENTS:

TNRCC #33711

INSPECTION:

NOT REPORTED

OWNER NAME: **NOT REPORTED**

DATE OPEN: **1984**

DATE CLOSE: **1995**

SIZE (ACRES): **0.00**

SIZE (CUBIC YARDS): **0.00**

PARTIES: **NOT REPORTED**

LANDFILL CONTENTS

HOUSEHOLD: **YES**

INDUSTRIAL: **NR**

AGRICULTURE: **NR**

OTHER: **NR**

UNAUTHORIZED: **NR**

HAZARD PROBABLY: **NR**

DEPTH CD: **NR**

MAXIMUM DEPTH: **0.00**

OTHER DESCRIPTION: **NOT REPORTED**

REVIEWER: **OPENED 19840818 - 19951110**

CONSTRUCTION DEMOLITION: **YES**

TIRES: **NR**

BRUSH: **YES**

LEGAL: **NR**

HAZARD UNLIKELY: **NR**

HAZARD CERTAINLY: **NR**

MINIMUM THICKNESS: **NR**

USE: **NOT REPORTED**

[Back to Report Summary](#)

Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS

Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS

Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL

Clandestine Drug Laboratory Locations

VERSION DATE: 10/05/17

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS

EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC

Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

Environmental Records Definitions - FEDERAL

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR06 Enforcement and Compliance History Information

VERSION DATE: 09/01/18

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSTX Emergency Response Notification System

VERSION DATE: 10/28/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSTX Facility Registry System

VERSION DATE: 10/09/18

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 09/30/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/01/18

Environmental Records Definitions - FEDERAL

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDESR06 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

PADS PCB Activity Database System

VERSION DATE: 09/14/18

Environmental Records Definitions - FEDERAL

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

PCSR06 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 09/26/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

Environmental Records Definitions - FEDERAL

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

RCRAGR06 Resource Conservation & Recovery Act - Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Environmental Records Definitions - FEDERAL

RCRANGR06

Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ALTFUELS

Alternative Fueling Stations

VERSION DATE: 09/01/18

Nationwide list of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST

FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST

Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS

Integrated Compliance Information System Drycleaners

VERSION DATE: 09/01/18

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

MRDS

Mineral Resource Data System

VERSION DATE: 03/15/16

Environmental Records Definitions - FEDERAL

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 08/31/18

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 10/01/18

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 08/13/18

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 03/01/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

Environmental Records Definitions - FEDERAL

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 08/13/18

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 09/14/18

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Environmental Records Definitions - FEDERAL

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 03/01/18

Environmental Records Definitions - FEDERAL

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites.

During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 08/13/18

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 08/13/18

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

Environmental Records Definitions - FEDERAL

RCRASUBC

Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS

Record of Decision System

VERSION DATE: 08/13/18

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (TX)

GWCC Groundwater Contamination Cases

VERSION DATE: 07/19/18

This report contains a listing of groundwater contamination cases which were documented for the 2013 calendar year. Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The agencies reporting these contamination cases include the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: 08/26/18

This historic report contains all agency groundwater contamination cases documented from 1994 to 2012. The agencies that reported these contamination cases included the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

LANDAPP Land Application Permits

VERSION DATE: 03/01/13

Texas Land Application Permits are a requirement from the Texas Commission on Environmental Quality for any domestic facility that disposes of treated effluent by land application such as surface irrigation, evaporation, drainfields or subsurface land application.

LIENS TCEQ Liens

VERSION DATE: 06/06/18

Liens filed upon State and/or Federal Superfund Sites by the Texas Commission on Environmental Quality.

MSD Municipal Setting Designations

VERSION DATE: 06/01/18

The Texas Commission on Environmental Quality defines an MSD as an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records. The MSD property can be a single property, multi-property, or a portion of property.

Environmental Records Definitions - STATE (TX)

NOV Notice of Violations

VERSION DATE: 02/24/16

This database containing Notice of Violations (NOV) is maintained by the Texas Commission on Environmental Quality. An NOV is a written notification that documents and communicates violations observed during an inspection to the business or individual inspected.

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 10/01/18

The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination. The sites included on this list are regulated by various programs of the Texas Commission on Environmental Quality (TCEQ).

SPILLS Spills Listing

VERSION DATE: 07/20/18

This Texas Commission on Environmental Quality database includes releases of hazardous or potentially hazardous materials into the environment.

TIERII Tier I I Chemical Reporting Program Facilities

VERSION DATE: 12/31/12

The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2012 calendar years. Please contact the Texas Commission on Environmental Quality Tier II Chemical Reporting Division as the current source for this data, due to confidentiality and safety reasons details such as the location and capacity of on-site hazardous chemicals is only available to local emergency planning agencies, fire departments, and/or owners.

DCR Dry Cleaner Registration Database

VERSION DATE: 08/02/18

The database includes dry cleaning drop stations and facilities registered with the Texas Commission on Environmental Quality.

Environmental Records Definitions - STATE (TX)

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 10/05/18

Owner and facility information is included in this database of permitted and non-permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 10/05/18

Owner and facility information is included in this database of all permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. Permitted IHW facilities are regulated under 30 Texas Administrative Code Chapter 335 in addition to federal regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PST Petroleum Storage Tanks

VERSION DATE: 08/02/18

The Petroleum Storage Tank database is administered by the Texas Commission on Environmental Quality (TCEQ). Both Underground storage tanks (USTs) and Aboveground storage tanks (ASTs) are included in this report. Petroleum Storage Tank registration has been a requirement with the TCEQ since 1986.

APAR Affected Property Assessment Reports

VERSION DATE: 10/05/18

As regulated by the Texas Commission on Environmental Quality, an Affected Property Assessment Report is required when a person is addressing a release of chemical of concern (COC) under 30 TAC Chapter 350, the Texas Risk Reduction Program (TRRP). The purpose of the APAR is to document all relevant affected property information to identify all release sources and COCs, determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary. The Texas Administrative Code Title 30 §350.4(a)(1) defines affected property as the entire area (i.e. on-site and off-site; including all environmental media) which contains releases of chemicals of concern at concentrations equal to or greater than the assessment level applicable for residential land use and groundwater classification.

BSA Brownfields Site Assessments

VERSION DATE: 10/04/18

The Brownfields Site Assessments database is maintained by the Texas Commission on Environmental Quality

Environmental Records Definitions - STATE (TX)

(TCEQ). The TCEQ, in close partnership with the U.S. Environmental Protection Agency (EPA) and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of brownfields through the development of regulatory, tax, and technical assistance tools.

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/01/05

The Texas Commission on Environmental Quality, under a contract with Texas State University, and in cooperation with the 24 regional Council of Governments (COGs) in the State, has located over 4,000 closed and abandoned municipal solid waste landfills throughout Texas. This listing contains "unauthorized sites". Unauthorized sites have no permit and are considered abandoned. The information available for each site varies in detail and this historical information is not updated. Please refer to the specific regional COG for the most current information.

DCRPS Dry Cleaner Remediation Program Sites

VERSION DATE: 09/01/18

This list of DCRP sites is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the Dry Cleaner Remediation Program (DCRP) establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund to assist with remediation of contamination caused by dry cleaning solvents.

IOP Innocent Owner / Operator Database

VERSION DATE: 10/01/18

Texas Innocent Owner / Operator (IOP), created by House Bill 2776 of the 75th Legislature, provides a certificate to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination. The IOP database is maintained by the Texas Commission on Environmental Quality.

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 08/28/18

The Leaking Petroleum Storage Tank listing is derived from the Petroleum Storage Tank (PST) database and is maintained by the Texas Commission on Environmental Quality. This listing includes aboveground and underground storage tank facilities with reported leaks.

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 09/28/18

The municipal solid waste landfill database is provided by the Texas Commission on Environmental Quality. This

Environmental Records Definitions - STATE (TX)

database includes active landfills and inactive landfills, where solid waste is treated or stored.

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 04/11/18

According to the Railroad Commission of Texas, their Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

RWS Radioactive Waste Sites

VERSION DATE: 07/11/06

This Texas Commission on Environmental Quality database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

STCV Salt Caverns for Petroleum Storage

VERSION DATE: 09/01/06

The salt caverns for petroleum storage database is provided by the Railroad Commission of Texas.

VCP Voluntary Cleanup Program Sites

VERSION DATE: 10/01/18

The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. The VCP database is maintained by the Texas Commission on Environmental Quality.

WMRF Recycling Facilities

VERSION DATE: 11/01/12

This listing of recycling facilities is provided by the Texas Commission on Environmental Quality's Recycle Texas Online service. The company information provided in this database is self-reported. Since recyclers post their own information, a facility or company appearing on the list does not imply that it is in compliance with TCEQ regulations or other applicable laws. This database is no longer maintained and includes the last compilation of the program participants before the Recycle Texas Online program was closed.

Environmental Records Definitions - STATE (TX)

IHWCA Industrial and Hazardous Waste Corrective Action Sites

VERSION DATE: 09/06/18

This database is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the mission of the industrial and hazardous waste corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes. The goals of this program are to: Ensure that sites are assessed and remediated to levels that protect human health and the environment; Verify that waste management units or facilities are taken out of service and closed properly; and to Facilitate revitalization of contaminated properties.

SF State Superfund Sites

VERSION DATE: 10/13/17

The state Superfund program mission is to remediate abandoned or inactive sites within the state that pose an unacceptable risk to public health and safety or the environment, but which do not qualify for action under the federal Superfund program (NPL - National Priority Listing). As required by the Texas Solid Waste Disposal Act, Texas Health and Safety Code, Chapter 361, the Texas Commission on Environmental Quality identifies and evaluates these facilities for inclusion on the state Superfund registry. This registry includes any recent developments and the anticipated action for these sites.

Environmental Records Definitions - TRIBAL

USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/18

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

Appendix B

GeoPlus Water Well Report



GeoPlus Water Well Report

[NEW: GeoLens by Geosearch](#)

Target Property:
ECUD - Tripp Ave
Tripp Ave
Odessa, Ector County, Texas 79763

Prepared For:
Trident Environmental

Order #: 118275
Job #: 268352
Project #: V-276
Date: 11/28/2018

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Radius Summary</i>	2
<i>Water Well Map</i>	4
<i>Located Sites Summary</i>	4
<i>Environmental Records Definitions</i>	29

Disclaimer

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.46360, 31.8014129)

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763, 79766

Database Radius Summary

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SDRD	0.5000	0	0	5	15	NS	NS	20
TCEQ	0.5000	0	1	0	1	NS	NS	2
TWDB	0.5000	0	0	0	0	NS	NS	0
WUD	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	1	5	16	0	0	22

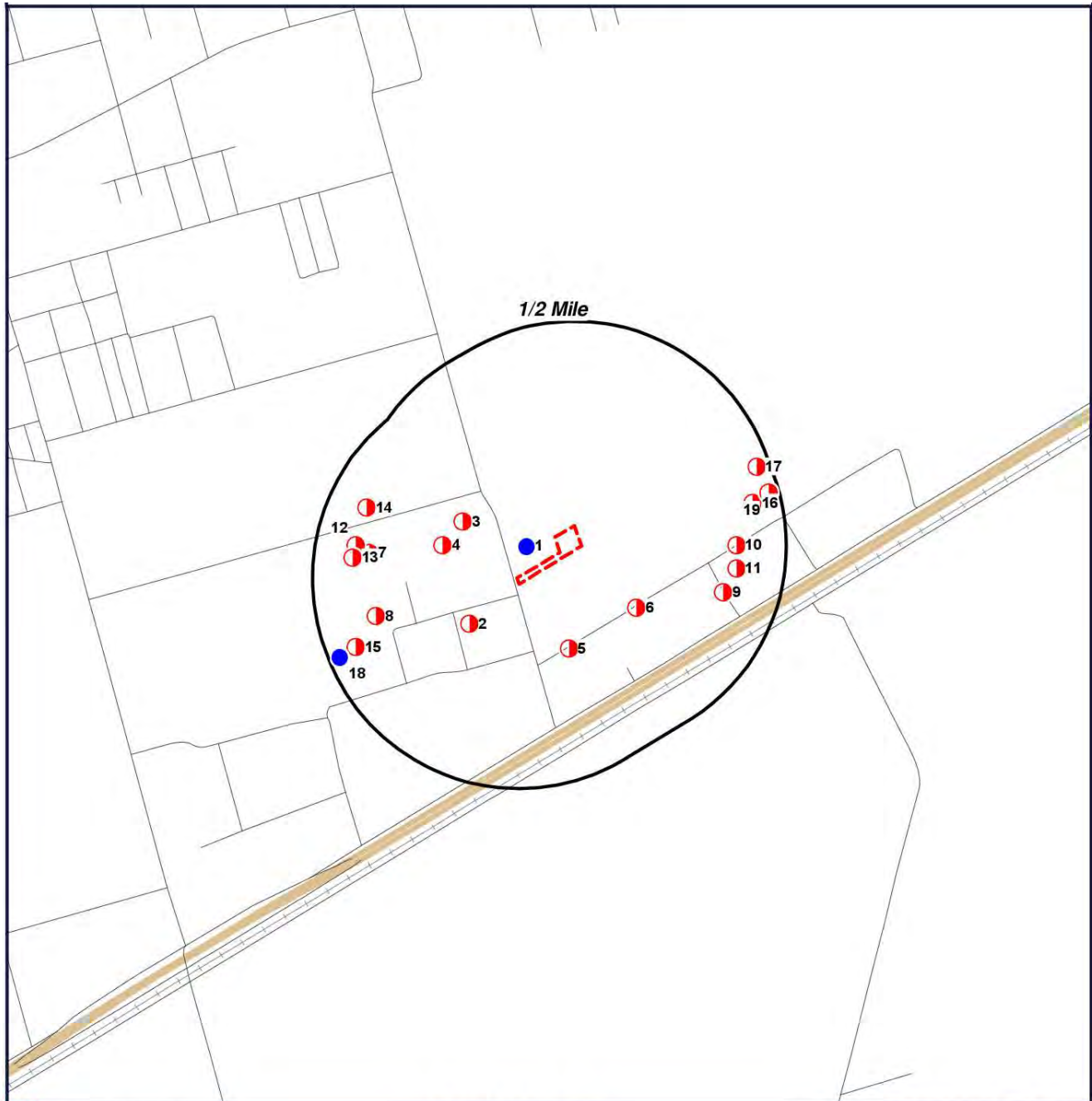
TOTAL		0	1	5	16	0	0	22
-------	--	---	---	---	----	---	---	----

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Waterwell Map



- Target Property (TP)
- TCEQ
- SDRD

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763

CONTOUR LINES REPRESENTED IN FEET



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	TCEQ	TX217791	0.057 mi. NW (301 ft.)	HAROLD MAY	1117 S TRIPP AVE, ODESSA, TX 79766	6
2	SDRD	TX147531	0.153 mi. SW (808 ft.)	JOSE FONSECA	S MOSS, ODESSA, TX 79764	7
3	SDRD	TX229269	0.191 mi. NW (1008 ft.)	JEREMIAH RODRIGUEZ	9060 HUBNIK, ODESSA, TX	8
4	SDRD	TX342112	0.198 mi. WNW (1045 ft.)	EFRIN PARA	TISDALE, ODESSA, TX	9
5	SDRD	TX405779	0.198 mi. SE (1045 ft.)	AGUSTIN ULATE	8769 W. BOLES RD, ODESSA, TX 79763	10
6	SDRD	TX141870	0.202 mi. SE (1067 ft.)	MARKER, TERRY	2ND & EDGEWOOD, ODESSA, TX	11
7	SDRD	TX219319	0.365 mi. W (1927 ft.)	ERIC GALLARDO	9129 HUBNIK, ODESSA, TX	12
7	SDRD	TX220733	0.349 mi. W (1843 ft.)	TODD WELCH	9125 W HUBNIK, ODESSA, TX 79764	13
8	SDRD	TX313407	0.355 mi. WSW (1874 ft.)	NORMA MOLINA	OFF TRIPP, ODESSA, TX	14
9	SDRD	TX228462	0.365 mi. ESE (1927 ft.)	JERRY MARKER	EDGEWOOD, ODESSA, TX	15
10	SDRD	TX229876	0.38 mi. E (2006 ft.)	PERMIAN BASIN DERRICK	5415 BOLES, ODESSA, TX	16
11	SDRD	TX183152	0.384 mi. E (2028 ft.)	LARRY BANNOWSKY	7979 W BOLES, ODESSA, TX 79763	17
12	SDRD	TX242060	0.4 mi. W (2112 ft.)	GALLARDO, ERIC	9129 HUBNIK, ODESSA, TX	18
12	SDRD	TX242061	0.4 mi. W (2112 ft.)	GALLARDO, ERIC	9129 HUBNIK, ODESSA, TX	19
13	SDRD	TX458912	0.404 mi. W (2133 ft.)	DAYI MARTINEZ	9139 HUBNIK RD., ODESSA, TX 79764	20
14	SDRD	TX344157	0.408 mi. WNW (2154 ft.)	ROBERT COVERNALI	#58 BIG VALLEY, ODESSA, TX	21
14	SDRD	TX421731	0.405 mi. WNW (2138 ft.)	CARLOS HUERTA	9122 W. HUBNIK, ODESSA, TX 79714	22
15	SDRD	TX386318	0.425 mi. WSW (2244 ft.)	ESTEBAN CRUZ	9179 HUBNIK, ODESSA, TX	23
16	SDRD	TX485082	0.433 mi. ENE (2286 ft.)	JIM FLETCHER	7900 BOLES, ODESSA, TX 79763	24
17	SDRD	TX202940	0.47 mi. ENE (2482 ft.)	WEST TEXAS FABRICATION	7900 BOLES RD, ODESSA, TX	25
18	TCEQ	TX217085	0.47 mi. WSW (2482 ft.)	J D O'MICHAEL		26
19	SDRD	TX485683	0.477 mi. ENE (2519 ft.)	OSCAR OLIVAS	7500 BOLES RD, ODESSA, TX 79763	28

Texas Commission on Environmental Quality Water Wells (TCEQ)

[MAP ID# 1](#)

Distance from Property: 0.057 mi. (301 ft.) NW

ID NUMBER: **TX217791**

STATE ID : **45-13-8D**

OWNER NAME: **HAROLD MAY**

DATE DRILLED: **03/01/1982**

DEPTH DRILLED: **120'**

STATIC LEVEL: **90'**

WATER USAGE: **DOMESTIC - PLUGGED**

LONGITUDE: **-102.464865000**

LATITUDE: **31.802385000**

NO DRILLERS' LOGS AVAILABLE

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 2](#)

Distance from Property: 0.153 mi. (808 ft.) SW

ID #: **TX147531**

TRACK #: **147531**

DATE ENTERED: **2008-07-24**

OWNER NAME: **JOSE FONSECA**

OWNER ADDRESS: **2411 SUN ST
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.798889000** LONGITUDE: **-102.467222000**

WELL LOG:

DRILLING DATE (STARTED): **2008-06-16**

DRILLING DATE (COMPLETED): **2008-06-16**

DEPTH DRILLED: **140'**

WATER LEVEL:

STATIC LEVEL: **130 FT.'**

WATER LEVEL DATE: **2008-06-06**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 3](#)

Distance from Property: 0.191 mi. (1,008 ft.) NW

ID #: **TX229269**

TRACK #: **229269**

DATE ENTERED: **2010-09-07**

OWNER NAME: **JEREMIAH RODRIGUEZ**

OWNER ADDRESS: **9060 HUBNIK**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.802501000**

LONGITUDE: **-102.467500000**

WELL LOG:

DRILLING DATE (STARTED): **2003-10-28**

DRILLING DATE (COMPLETED): **2003-10-28**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 WEST 16TH. STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 4](#)

Distance from Property: 0.198 mi. (1,045 ft.) WNW

ID #: **TX342112**

TRACK #: **342112**

DATE ENTERED: **2013-10-01**

OWNER NAME: **EFRIN PARA**

OWNER ADDRESS: **TISDALE**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.801667000**

LONGITUDE: **-102.468333000**

WELL LOG:

DRILLING DATE (STARTED): **2013-09-19**

DRILLING DATE (COMPLETED): **2013-09-20**

DEPTH DRILLED: **92'**

WATER LEVEL:

STATIC LEVEL: **75 FT.'**

WATER LEVEL DATE: **2013-09-20**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P.O. BOX 295**
O, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 5](#)

Distance from Property: 0.198 mi. (1,045 ft.) SE

ID #: **TX405779**

TRACK #: **405779**

DATE ENTERED: **2015-10-01**

OWNER NAME: **AGUSTIN ULATE**

OWNER ADDRESS: **8769 W. BOLES RD
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.798000000** LONGITUDE: **-102.463083000**

WELL LOG:

DRILLING DATE (STARTED): **2015-08-06**

DRILLING DATE (COMPLETED): **2015-08-06**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 6](#)

Distance from Property: 0.202 mi. (1,067 ft.) SE

ID #: **TX141870**

TRACK #: **141870**

DATE ENTERED: **2008-05-15**

OWNER NAME: **MARKER, TERRY**

OWNER ADDRESS: **PO BOX 693**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.799445000**

LONGITUDE: **-102.460278000**

WELL LOG:

DRILLING DATE (STARTED): **2008-04-28**

DRILLING DATE (COMPLETED): **2008-04-28**

DEPTH DRILLED: **125'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 7](#)

Distance from Property: 0.365 mi. (1,927 ft.) W

ID #: **TX219319**

TRACK #: **219319**

DATE ENTERED: **2010-06-11**

OWNER NAME: **ERIC GALLARDO**

OWNER ADDRESS: **940 MARTIN
KERMIT, TX 79745**

COUNTY: **ECTOR**

LATITUDE: **31.801389000** LONGITUDE: **-102.471389000**

WELL LOG:

DRILLING DATE (STARTED): **2010-05-04**

DRILLING DATE (COMPLETED): **2010-05-04**

DEPTH DRILLED: **145'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W. 16TH STREET
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 7](#)

Distance from Property: 0.349 mi. (1,843 ft.) W

ID #: **TX220733**

TRACK #: **220733**

DATE ENTERED: **2010-06-25**

OWNER NAME: **TODD WELCH**

OWNER ADDRESS: **2817 E HWY 80
ODESSA, TX 79761**

COUNTY: **ECTOR**

LATITUDE: **31.801389000** LONGITUDE: **-102.471111000**

WELL LOG:

DRILLING DATE (STARTED): **2010-06-16**

DRILLING DATE (COMPLETED): **2010-06-18**

DEPTH DRILLED: **123'**

WATER LEVEL:

STATIC LEVEL: **100 FT.'**

WATER LEVEL DATE: **2010-06-18**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARKS WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 8](#)

Distance from Property: 0.355 mi. (1,874 ft.) WSW

ID #: **TX313407**

TRACK #: **313407**

DATE ENTERED: **2013-03-13**

OWNER NAME: **NORMA MOLINA**

OWNER ADDRESS: **316 LOTTEMAN
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.799167000** LONGITUDE: **-102.471111000**

WELL LOG:

DRILLING DATE (STARTED): **2013-02-25**

DRILLING DATE (COMPLETED): **2013-02-25**

DEPTH DRILLED: **136'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 9](#)

Distance from Property: 0.365 mi. (1,927 ft.) ESE

ID #: **TX228462**

TRACK #: **228462**

DATE ENTERED: **2010-08-27**

OWNER NAME: **JERRY MARKER**

OWNER ADDRESS: **P. O. BOX 69397**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.800001000**

LONGITUDE: **-102.456667000**

WELL LOG:

DRILLING DATE (STARTED): **2008-01-22**

DRILLING DATE (COMPLETED): **2008-01-22**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 WEST 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 10](#)

Distance from Property: 0.38 mi. (2,006 ft.) E

ID #: **TX229876**

TRACK #: **229876**

DATE ENTERED: **2010-09-14**

OWNER NAME: **PERMIAN BASIN DERRICK**

OWNER ADDRESS: **3211 W. MURPHY**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.801667000** LONGITUDE: **-102.456112000**

WELL LOG:

DRILLING DATE (STARTED): **2006-09-18**

DRILLING DATE (COMPLETED): **2006-09-18**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W. 16TH STREET**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 11](#)

Distance from Property: 0.384 mi. (2,028 ft.) E

ID #: **TX183152**

TRACK #: **183152**

DATE ENTERED: **2009-06-18**

OWNER NAME: **LARRY BANNOWSKY**

OWNER ADDRESS: **7979 W BOLES RD
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.800834000** LONGITUDE: **-102.456112000**

WELL LOG:

DRILLING DATE (STARTED): **2009-06-11**

DRILLING DATE (COMPLETED): **2009-06-11**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **20 FT.'**

WATER LEVEL DATE: **2009-06-11**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL**

COMPANY ADDRESS: **P O BOX 295
ODESSA, TX 79760**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 12](#)

Distance from Property: 0.4 mi. (2,112 ft.) W

ID #: **TX242060**

TRACK #: **242060**

DATE ENTERED: **2011-01-25**

OWNER NAME: **GALLARDO, ERIC**

OWNER ADDRESS: **940 MARTIN ST.
KERMIT, TX 79745**

COUNTY: **ECTOR**

LATITUDE: **31.801667000** LONGITUDE: **-102.471944000**

WELL LOG:

DRILLING DATE (STARTED): **2010-03-20**

DRILLING DATE (COMPLETED): **2010-03-20**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W 16TH ST.
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 12](#)

Distance from Property: 0.4 mi. (2,112 ft.) W

ID #: **TX242061**

TRACK #: **242061**

DATE ENTERED: **2011-01-25**

OWNER NAME: **GALLARDO, ERIC**

OWNER ADDRESS: **940 MARTIN ST.
KERMIT, TX 79745**

COUNTY: **ECTOR**

LATITUDE: **31.801667000** LONGITUDE: **-102.471944000**

WELL LOG:

DRILLING DATE (STARTED): **2010-03-20**

DRILLING DATE (COMPLETED): **2010-03-20**

DEPTH DRILLED: **125'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING COMPANY**

COMPANY ADDRESS: **4223 W 16TH ST.
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 13](#)

Distance from Property: 0.404 mi. (2,133 ft.) W

ID #: **TX458912**

TRACK #: **458912**

DATE ENTERED: **2017-08-29**

OWNER NAME: **DAYI MARTINEZ**

OWNER ADDRESS: **9139 HUBNIK RD.
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.801231000** LONGITUDE: **-102.472086000**

WELL LOG:

DRILLING DATE (STARTED): **2017-08-24**

DRILLING DATE (COMPLETED): **2017-08-24**

DEPTH DRILLED: **118'**

WATER LEVEL:

STATIC LEVEL: **80 FT.'**

WATER LEVEL DATE: **2017-08-24**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 295
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 14](#)

Distance from Property: 0.408 mi. (2,154 ft.) WNW

ID #: **TX344157**

TRACK #: **344157**

DATE ENTERED: **2013-10-22**

OWNER NAME: **ROBERT COVERNALI**

OWNER ADDRESS: **2406 W. 4TH ST.**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.802778000**

LONGITUDE: **-102.471667000**

WELL LOG:

DRILLING DATE (STARTED): **2013-09-03**

DRILLING DATE (COMPLETED): **2013-09-03**

DEPTH DRILLED: **100'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 14](#)

Distance from Property: 0.405 mi. (2,138 ft.) WNW

ID #: **TX421731**

TRACK #: **421731**

DATE ENTERED: **2016-05-05**

OWNER NAME: **CARLOS HUERTA**

OWNER ADDRESS: **7600 SKYLINE AVE TRL #1
ODESSA, TX 79764**

COUNTY: **ECTOR**

LATITUDE: **31.803000000** LONGITUDE: **-102.471500000**

WELL LOG:

DRILLING DATE (STARTED): **2016-03-15**

DRILLING DATE (COMPLETED): **2016-03-15**

DEPTH DRILLED: **130'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH
ODESSA, TX 79763**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 15](#)

Distance from Property: 0.425 mi. (2,244 ft.) WSW

ID #: **TX386318**

TRACK #: **386318**

DATE ENTERED: **2015-01-22**

OWNER NAME: **ESTEBAN CRUZ**

OWNER ADDRESS: **9179 HUBNIK**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.798056000**

LONGITUDE: **-102.471944000**

WELL LOG:

DRILLING DATE (STARTED): **2014-12-02**

DRILLING DATE (COMPLETED): **2014-12-02**

DEPTH DRILLED: **135'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 W. 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 16](#)

Distance from Property: 0.433 mi. (2,286 ft.) ENE

ID #: **TX485082**

TRACK #: **485082**

DATE ENTERED: **2018-07-25**

OWNER NAME: **JIM FLETCHER**

OWNER ADDRESS: **7900 BOLES**

ODESSA, TX 79763

COUNTY: **ECTOR**

LATITUDE: **31.803157000**

LONGITUDE: **-102.455438000**

WELL LOG:

DRILLING DATE (STARTED): **2018-07-23**

DRILLING DATE (COMPLETED): **2018-07-23**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 271**

ODESSA, TX 79760

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 17](#)

Distance from Property: 0.47 mi. (2,482 ft.) ENE

ID #: **TX202940**

TRACK #: **202940**

DATE ENTERED: **2009-12-27**

OWNER NAME: **WEST TEXAS FABRICATION**

OWNER ADDRESS: **P. O. BOX 2972**

ODESSA, TX NOT REPORTED

COUNTY: **ECTOR**

LATITUDE: **31.804445000**

LONGITUDE: **-102.455278000**

WELL LOG:

DRILLING DATE (STARTED): **2007-06-28**

DRILLING DATE (COMPLETED): **2007-06-28**

DEPTH DRILLED: **120'**

WATER LEVEL:

STATIC LEVEL: **NOT REPORTED'**

WATER LEVEL DATE: **NOT REPORTED**

TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: **WHEELER DRILLING**

COMPANY ADDRESS: **4223 WEST 16TH ST.**

ODESSA, TX 79763

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

[MAP ID# 18](#)

Distance from Property: 0.47 mi. (2,482 ft.) WSW

ID NUMBER: **TX217085**
STATE ID : **45-14-4B**
OWNER NAME: **J D O'MICHAEL**
DATE DRILLED: **11/28/1971**
DEPTH DRILLED: **107'**
STATIC LEVEL: **70'**
WATER USAGE: **DOMESTIC**
LONGITUDE: **-102.472613000**
LATITUDE: **31.798472000**

1 PAGE(S) OF DRILLERS' LOGS

TCEQ (TCEQ)

Page # 1 out of 1

Water Well ID:

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711		State of Texas WATER WELL REPORT		For TWDB Well No. <u>78-2748</u> Located on map <u>Y83</u> Received: <u>71</u> Form GW 8 Form GW 9																																					
1) OWNER: Person having well drilled: <u>J. D. O'Michael</u> Address: <u>300 N. Jackson Odessa Tex</u> Landowner: <u>O'Michael Real Estate</u> Address: <u>111</u> (City) <u>111</u> (State)																																									
2) LOCATION OF WELL: County <u>Ector</u> Labor _____ League _____ Abstract No. _____ NW 1/4 NE 1/4 SW 1/4 SE 1/4 of Section <u>40</u> Block No. <u>40</u> Survey _____ miles in _____ direction from _____ (Town) _____ N/8 I7 acres of sec 40, blk 43 T&S T&P RR survey Ector Co Texas																																									
Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.																																									
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging <input type="checkbox"/>		4) PROPOSED USE (Check): Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>		5) TYPE OF WELL (Check): Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>																																					
6) WELL LOG: Diameter of hole <u>0</u> in. Depth drilled <u>107</u> ft. Depth of completed well <u>107</u> ft. Date drilled <u>11/22/71</u> All measurements made from <u>0</u> ft. above ground level.																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>3</td><td>Top sandy soil</td></tr> <tr><td>3</td><td>70</td><td>W. Caliche</td></tr> <tr><td>70</td><td>98</td><td>White lime</td></tr> <tr><td>98</td><td>112</td><td>Br water sand</td></tr> <tr><td>112</td><td>117</td><td>Bl shale & Red bed</td></tr> </tbody> </table>		From (ft.)	To (ft.)	Description and color of formation material	0	3	Top sandy soil	3	70	W. Caliche	70	98	White lime	98	112	Br water sand	112	117	Bl shale & Red bed	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				From (ft.)	To (ft.)	Description and color of formation material															
From (ft.)	To (ft.)	Description and color of formation material																																							
0	3	Top sandy soil																																							
3	70	W. Caliche																																							
70	98	White lime																																							
98	112	Br water sand																																							
112	117	Bl shale & Red bed																																							
From (ft.)	To (ft.)	Description and color of formation material																																							
7) COMPLETION (Check): Straight wall <input type="checkbox"/> Gravel packed <input checked="" type="checkbox"/> Other <input type="checkbox"/> Under reamed <input type="checkbox"/> Open hole <input type="checkbox"/>		8) WATER LEVEL: Static level <u>70</u> ft. below land surface Date <u>11/23/71</u> Artesian pressure _____ lbs. per square inch Date _____																																							
9) CASING: Type: old <input checked="" type="checkbox"/> New <input type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> Cemented from _____ ft. to _____ Surface ft.		10) SCREEN: Type _____ Perforated <input checked="" type="checkbox"/> Slotted <input type="checkbox"/>																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter (inches)</th> <th>Setting From (ft.)</th> <th>To (ft.)</th> <th>Gage</th> </tr> </thead> <tbody> <tr><td>8 5/8"</td><td>20</td><td>surface</td><td>Heavy</td></tr> <tr><td>5" plastic tap</td><td></td><td>bottom</td><td></td></tr> <tr><td>Gravel packed</td><td></td><td></td><td></td></tr> </tbody> </table>		Diameter (inches)	Setting From (ft.)	To (ft.)	Gage	8 5/8"	20	surface	Heavy	5" plastic tap		bottom		Gravel packed				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter (inches)</th> <th>Setting From (ft.)</th> <th>To (ft.)</th> <th>Slot size</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				Diameter (inches)	Setting From (ft.)	To (ft.)	Slot size																
Diameter (inches)	Setting From (ft.)	To (ft.)	Gage																																						
8 5/8"	20	surface	Heavy																																						
5" plastic tap		bottom																																							
Gravel packed																																									
Diameter (inches)	Setting From (ft.)	To (ft.)	Slot size																																						
11) WELL TESTS: Was a pump test made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes by whom? _____ Yield: _____ gpm with _____ ft. drawdown after _____ hrs Bailer test: <u>30</u> gpm with <u>8</u> ft. drawdown after <u>2</u> hrs Artesian flow _____ gpm Date <u>11/22/71</u> Temperature of water _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did any strata contain undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type of water? <u>soft</u> depth of strata _____		12) PUMP DATA: Manufacturer's Name <u>Gould</u> Type <u>Submersible</u> H.P. <u>1/2</u> Designed pumping rate <u>10</u> gpm <input checked="" type="checkbox"/> gph <input type="checkbox"/> Type power unit <u>Electric</u> Depth to bowls, cylinder, jet, etc., <u>108</u> ft. below land surface.																																							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. NAME: <u>Albert McKandless</u> Water Well Drillers Registration No. <u>357</u> Address: <u>1448 S. Alleghany st</u> (City) <u>Odessa</u> (State) <u>Texas 79760</u> (Signed) <u>Albert McKandless</u> (Water Well Driller) <u>McKandless Water Systems</u> (Company Name)																																									
Please attach electric log, chemical analysis, and other pertinent information, if available.																																									

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 19](#)

Distance from Property: 0.477 mi. (2,519 ft.) ENE

ID #: **TX485683**

TRACK #: **485683**

DATE ENTERED: **2018-08-01**

OWNER NAME: **OSCAR OLIVAS**

OWNER ADDRESS: **7500 BOLES RD
ODESSA, TX 79763**

COUNTY: **ECTOR**

LATITUDE: **31.803533000** LONGITUDE: **-102.454771000**

WELL LOG:

DRILLING DATE (STARTED): **2018-06-29**

DRILLING DATE (COMPLETED): **2018-06-29**

DEPTH DRILLED: **110'**

WATER LEVEL:

STATIC LEVEL: **80 FT.'**

WATER LEVEL DATE: **2018-06-29**

TYPE OF WATER: **FRESH**

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: **MARK'S WATER WELL SERVICE, INC**

COMPANY ADDRESS: **PO BOX 271
ODESSA, TX 79760**

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 12/14/16

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

Environmental Records Definitions - STATE (TX)

SDRD Submitted Drillers Report Database

VERSION DATE: 10/24/18

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (A cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 08/01/18

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Environmental Records Definitions - STATE (TX)

Appendix C

GeoPlus Oil & Gas Well Report



GeoPlus Oil & Gas Report

[NEW: GeoLens by Geosearch](#)

Target Property:
ECUD - Tripp Ave
Tripp Ave
Odessa, Ector County, Texas 79763

Prepared For:
Trident Environmental

Order #: 118275
Job #: 268353
Project #: V-276
Date: 11/28/2018

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Radius Summary</i>	2
<i>Oil & Gas Map</i>	3
<i>Located Sites Summary</i>	3
<i>Oil & Gas Well Report</i>	5
<i>Environmental Records Definitions</i>	6

Disclaimer

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.46360, 31.8014129)

USGS Quadrangle

Odessa Sw, TX

Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763, 79766

Database Radius Summary

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OGWELLS	0.5000	0	0	3	14	NS	NS	17

SUB-TOTAL		0	0	3	14	0	0	17
-----------	--	---	---	---	----	---	---	----

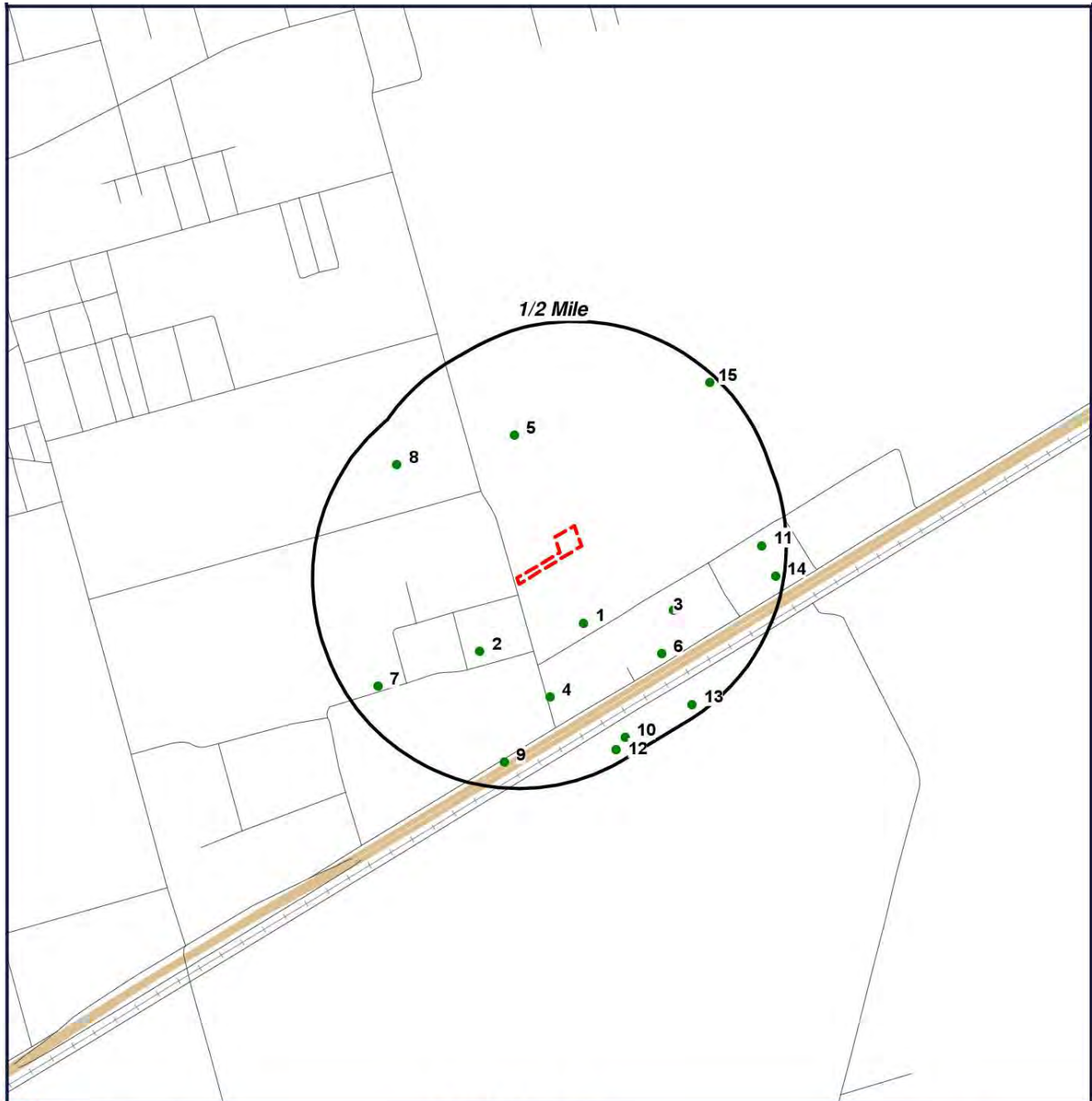
TOTAL		0	0	3	14	0	0	17
-------	--	---	---	---	----	---	---	----

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL & GAS WELL MAP



- Target Property (TP)
- Surface Location

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address
1	OGWELLS	410076	0.149 mi. SE (787 ft.)		
2	OGWELLS	410066	0.176 mi. SW (929 ft.)		
3	OGWELLS	410077	0.241 mi. ESE (1272 ft.)		
3	OGWELLS	410078	0.263 mi. ESE (1389 ft.)		
4	OGWELLS	410096	0.269 mi. SSE (1420 ft.)		
5	OGWELLS	410056	0.28 mi. NW (1478 ft.)		
6	OGWELLS	410101	0.313 mi. SE (1653 ft.)		
7	OGWELLS	410073	0.415 mi. WSW (2191 ft.)		
8	OGWELLS	410047	0.417 mi. NW (2202 ft.)		
9	OGWELLS	410069	0.419 mi. S (2212 ft.)		
10	OGWELLS	410083	0.44 mi. SE (2323 ft.)		
11	OGWELLS	410079	0.44 mi. E (2323 ft.)		
12	OGWELLS	410082	0.452 mi. SE (2387 ft.)		
13	OGWELLS	410084	0.457 mi. SE (2413 ft.)		
14	OGWELLS	410080	0.477 mi. E (2519 ft.)		
15	OGWELLS	410064	0.489 mi. NE (2582 ft.)		
15	OGWELLS	410854	0.496 mi. NE (2619 ft.)		

Oil & Gas Well Report

MAP ID	SURFACE ID	API #	WELL TYPE	LATITUDE	LONGITUDE
1	410076	13532720	OIL WELL	31.799147240	-102.462490140
2	410066	13532116	PLUGGED OIL WELL	31.798145840	-102.466820810
3	410077	13530976	PLUGGED OIL WELL	31.799549440	-102.459274680
3	410078	13507932	OIL WELL	31.799613450	-102.458772370
4	410096	13532722	PERMITTED LOCATION	31.796536730	-102.463897430
5	410056	13508133	PLUGGED OIL WELL	31.805797540	-102.465383780
6	410101	13532727	INJECTION/DISPOSAL WELL	31.798070200	-102.459260660
7	410073	135	PLUGGED OIL WELL	31.796918360	-102.471051780
8	410047	13531914	PLUGGED OIL WELL	31.804761950	-102.470268470
9	410069	13503337	PLUGGED OIL WELL	31.794237010	-102.465802040
10	410083	13532721	OIL WELL	31.795099910	-102.460776950
11	410079	13530925	PLUGGED OIL WELL	31.801887380	-102.455092120
12	410082	13507931	PLUGGED OIL WELL	31.794690950	-102.461157690
13	410084	13507929	OIL WELL	31.796276790	-102.457984410
14	410080	13507927	OIL WELL	31.800806530	-102.454518300
15	410064	13507611	DRY HOLE	31.807641130	-102.457381140
15	410854	13536698	OIL/GAS WELL	31.807671830	-102.457255140

Environmental Records Definitions - STATE (TX)

OGWELLS

Oil and Gas Wells

VERSION DATE: 09/27/18

This oil and gas well data set is provided by the Geographic Information System of the Railroad Commission of Texas (the Commission). The data set includes oil and gas well records dating back to the early 1960's, some wells prior to the 1960's are also included with no API and/or a historical API number in place. The Commission shall not be held liable for use of this data, which is provided as a public service for informational purposes only. Users are responsible for checking the accuracy, completeness, currency, and/or suitability of this data set themselves.

Appendix D

GeoPlus Physical Setting Maps



GeoPlus Physical Setting Maps

[Satellite view](#)

Target Property:

ECUD - Tripp Ave

Tripp Ave

Odessa, Ector County, Texas 79763

Prepared For:

Trident Environmental

Order #: 118275

Job #: 268354

Project #: V-276

Date: 11/28/2018

Table of Contents

<i>Target Property Summary</i>	1
<i>FEMA Map</i>	2
<i>FEMA Report</i>	3
<i>NWI Map</i>	4
<i>NWI Report</i>	5
<i>SOIL Map</i>	6
<i>SOIL Report</i>	7
<i>GEOLOGY Map</i>	8
<i>GEOLOGY Report</i>	9

Disclaimer

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas 79763

Coordinates

Area centroid (-102.46360, 31.8014129)

USGS Quadrangle

Odessa Sw, TX

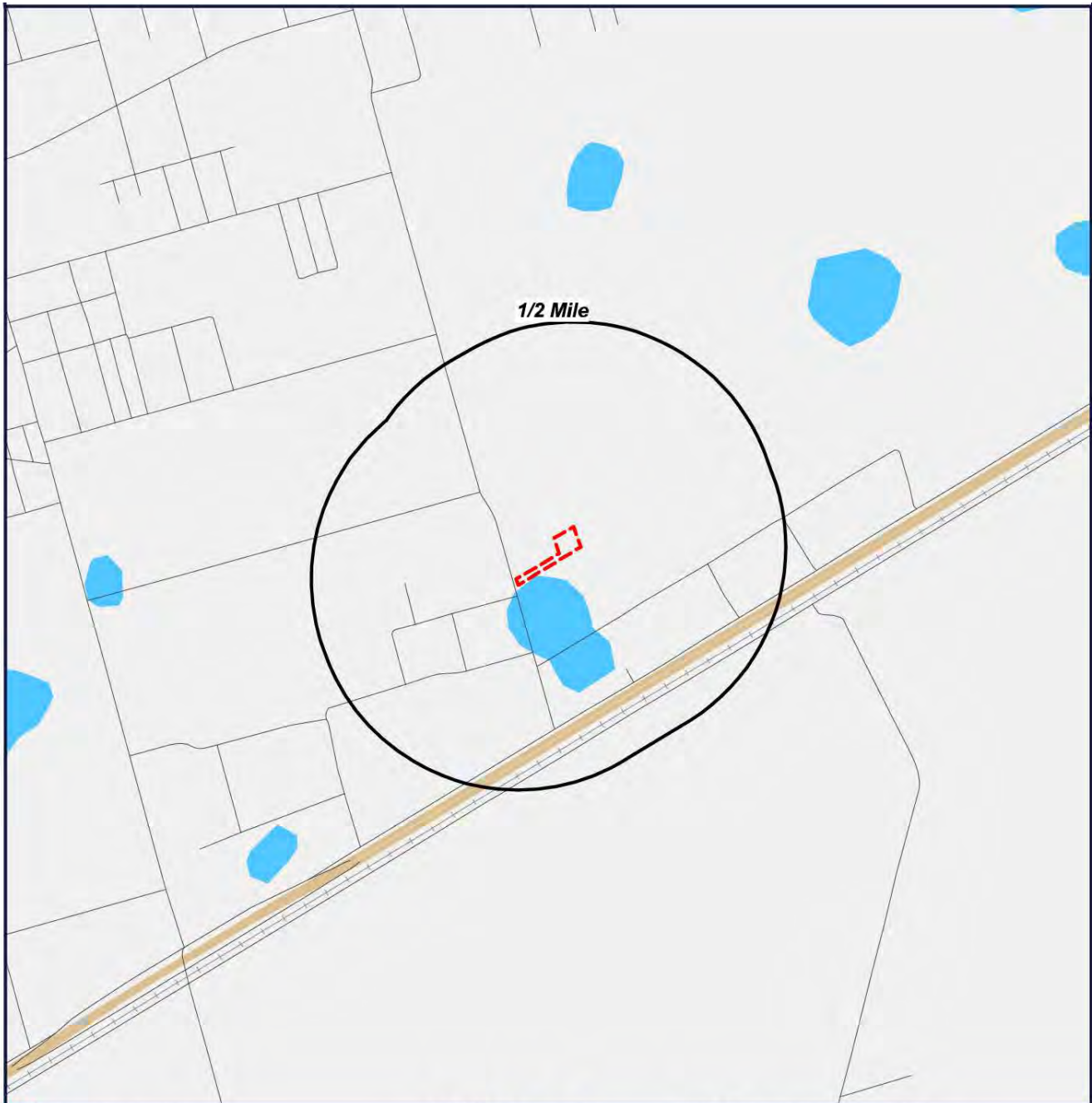
Geographic Coverage Information

County/Parish: Ector (TX)

ZipCode(s):

Odessa TX: 79763, 79766

FEMA Map



Target Property (TP)

	ZONE A		ZONE D
	ZONE AE		ZONE X
	ZONE AH		AREA NOT INCLUDED
	ZONE A0		OPEN WATER
	ZONE AR		NDA - DIGITAL DATA NOT AVAILABLE
	ZONE V		
	ZONE VE		

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763

Letter of map revision date: 06/11/2018
 Latest study effective date: 02/16/2018
 Panel #: 48135C0330E



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

FEMA Report

FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information. This data was provided by the Federal Emergency Management Agency's Map Service Center in November of 2013.

FEMA Flood Zone Definitions within Search Radius

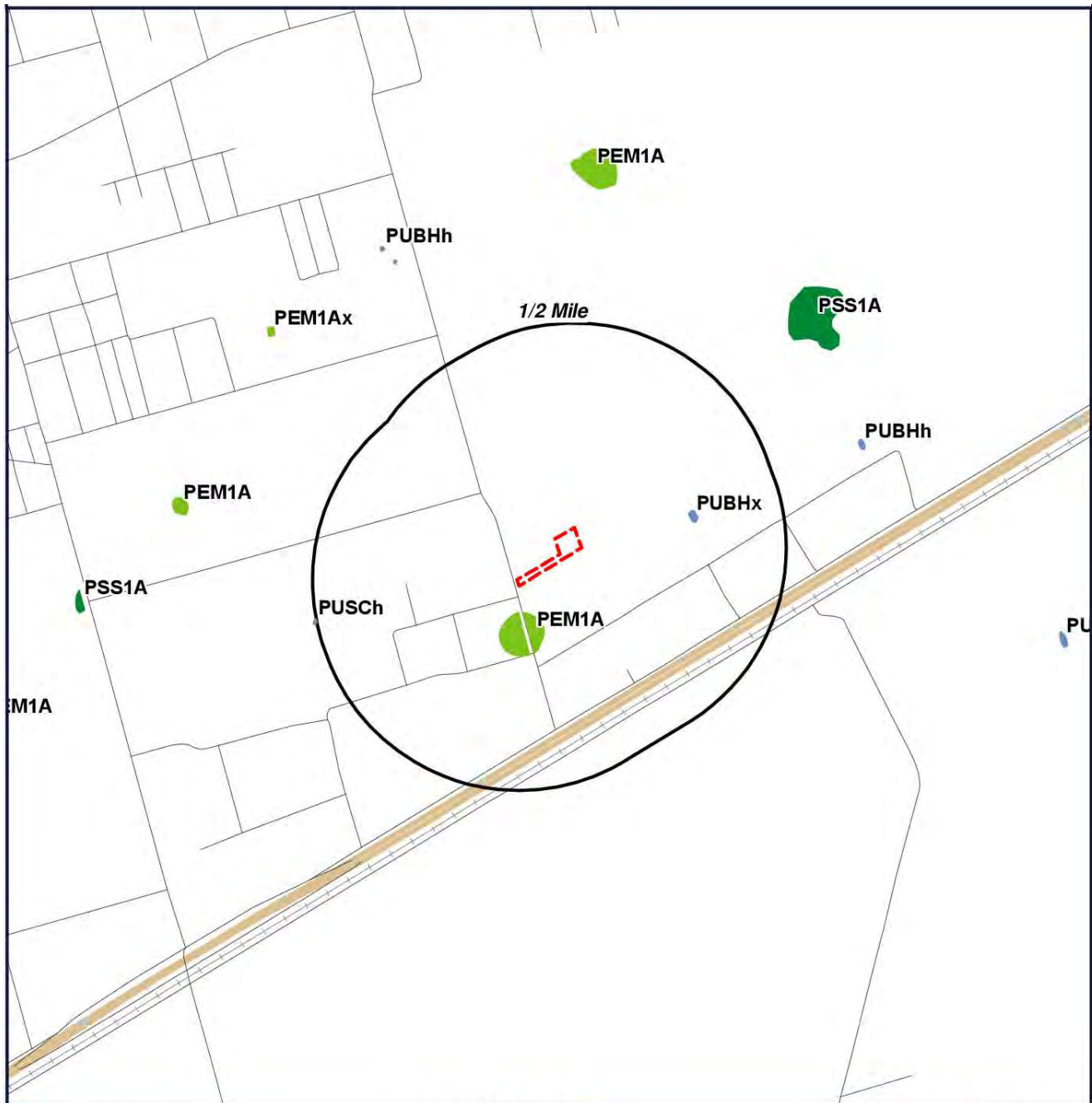
A	Zone A
----------	--------

Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.

X	Zone X
----------	--------

An area that is determined to be outside the 100 and 500 year floodplains.

NWI Map



Target Property (TP)

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763

Map Date: 05/01/2018

ESTUARINE AND MARINE DEEPWATER
 ESTUARINE AND MARINE WETLAND
 FRESHWATER EMERGENT WETLAND
 FRESHWATER FORESTED/SHRUB WETLAND

LAKE

OTHER

RIVERINE

FRESHWATER POND

NDA - DIGITAL DATA NOT AVAILABLE



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

GeoSearch

www.geo-search.com 888-396-0042

NWI Report

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions within Search Radius

PEM1A

SYSTEM: **PALUSTRINE**

CLASS: **EMERGENT**

SUBCLASS: **BROAD-LEAVED DECIDUOUS**

WATER REGIME: **TEMPORARILY FLOODED**

PUBHx

SYSTEM: **PALUSTRINE**

CLASS: **UNCONSOLIDATED BOTTOM**

SPECIAL MODIFIER: **EXCAVATED**

PUSCh

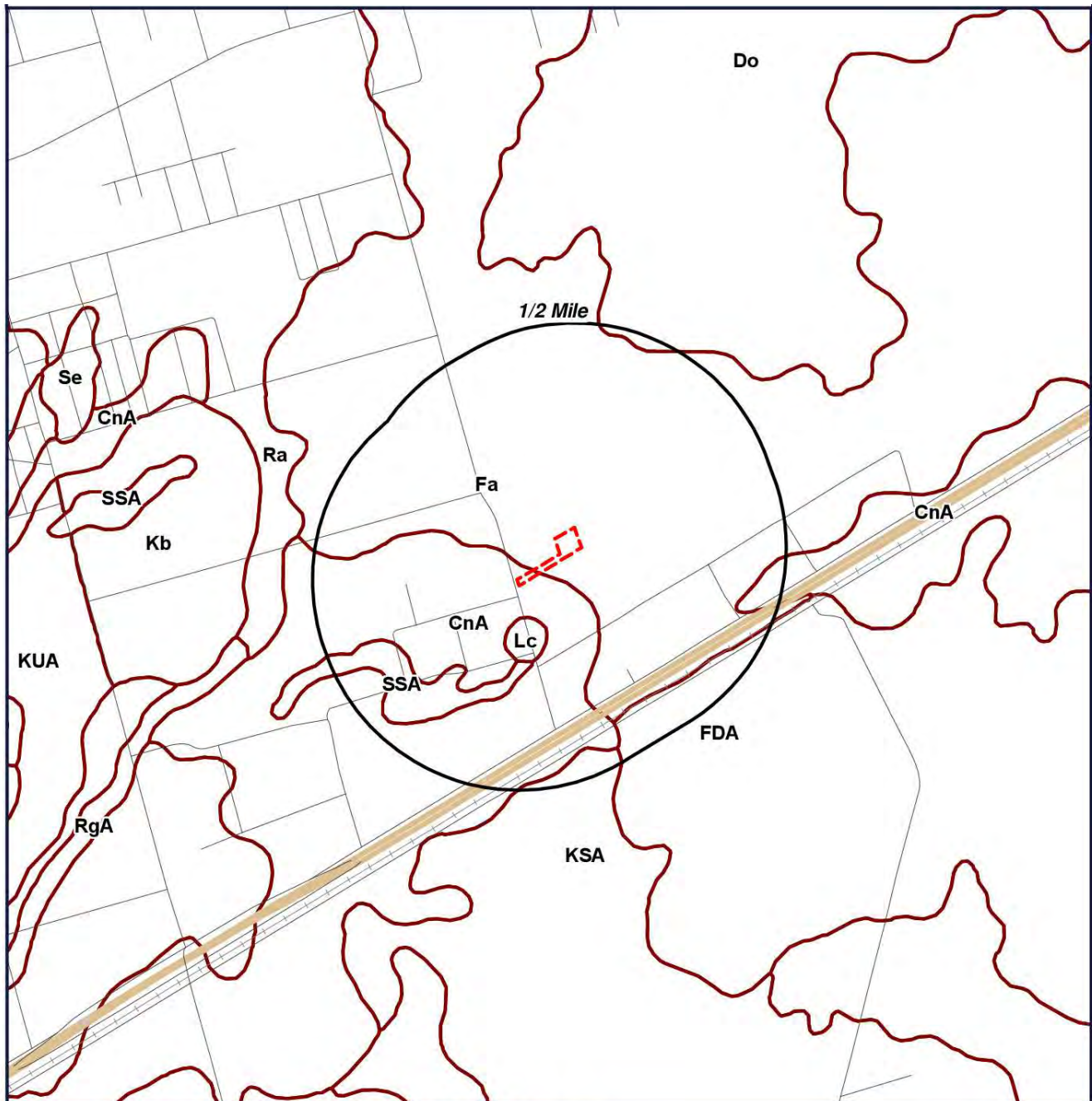
SYSTEM: **PALUSTRINE**

CLASS: **UNCONSOLIDATED SHORE**

SPECIAL MODIFIER: **DIKED/IMPOUNDED**

Texas - DIGITAL DATA NOT AVAILABLE

Soil Map



Target Property (TP)

SOIL BOUNDARY

NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

SOIL Report

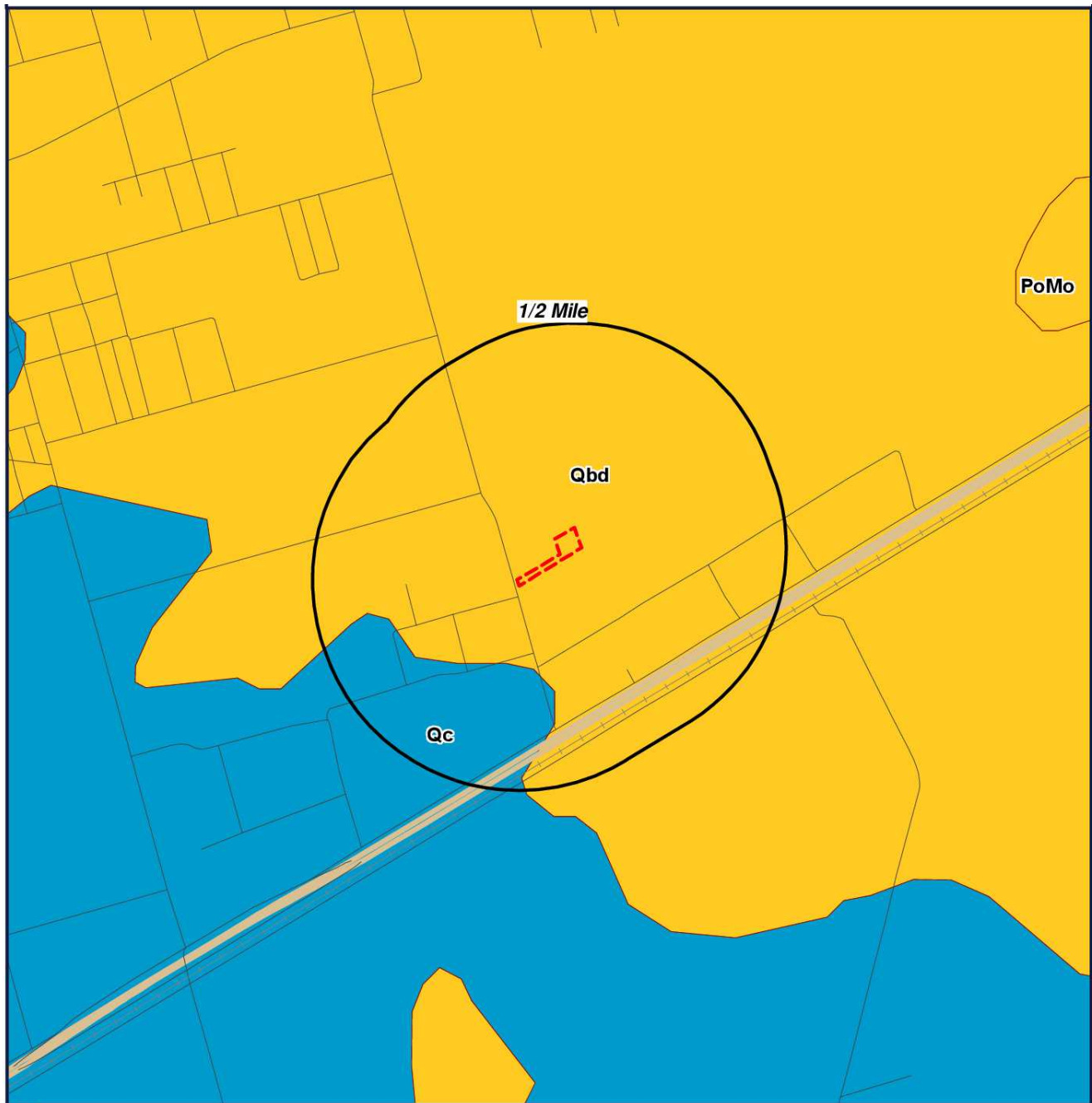
Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

SOIL Code Definitions within Search Radius

CnA	Conger loam, 0 to 2 percent slopes
Do	Douro-Urban land complex
FDA	Faskin-Douro association, nearly level
Fa	Faskin-Urban land complex
KSA	Kimbrough-Stegall association, nearly level
Lc	Lipan clay, depressional
SSA	Stegall-Slaughter association, nearly level

Geology Map



 Target Property (TP)

ECUD - Tripp Ave
Tripp Ave
Odessa, Texas
79763



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

GEOLOGY Report

US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **Qbd**

UNIT NAME: **Blackwater Draw Formation**

UNIT AGE: **Phanerozoic | Cenozoic | Quaternary | Pleistocene**

UNIT DESCRIPTION:

Blackwater Draw Formation

ADDITIONAL UNIT INFORMATION:

Sand, fine- to medium-grained quartz, silty, calcareous, locally clayey, caliche nodules, massive, grayish red; distinct soil profile; thickness as much as 25 ft. feathers out locally.

ROCKTYPE/S: **sand; silt; clay or mud**

GEOLOGY SYMBOL: **Qc**

UNIT NAME: **caliche deposits**

UNIT AGE: **Phanerozoic | Cenozoic | Quaternary | Pleistocene Holocene**

UNIT DESCRIPTION:

caliche deposits

ADDITIONAL UNIT INFORMATION:

chiefly pedogenic carbonate stripped of covering materials, of several ages, thickness as much as 35 ft

ROCKTYPE/S: **evaporite**

Appendix E

Soil Survey

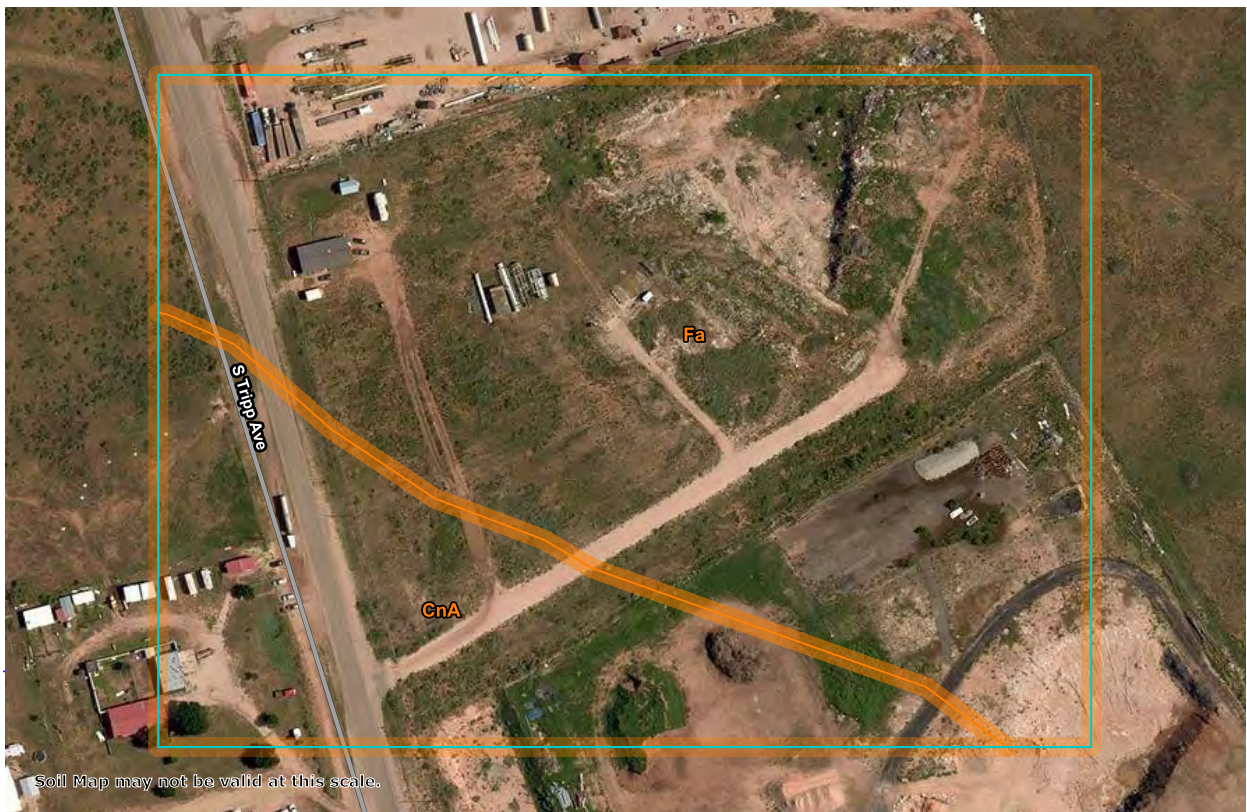
Soil Map—Ector and Crane Counties, Texas
(Tripp Site)

102° 25' 0" W

102° 27' 43" W

31° 48' 9" N

31° 48' 9" N

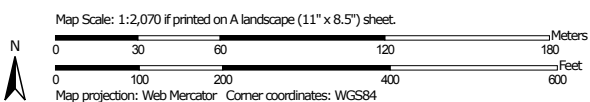


31° 47' 59" N

31° 47' 59" N

102° 25' 0" W


102° 27' 43" W



Soil Map—Ector and Crane Counties, Texas
(Tripp Site)

MAP LEGEND


Area of Interest (AOI)

 Area of Interest (AOI)


Soils


 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points


Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water


 Rock Outcrop

 Saline Spot


 Sandy Spot

 Severely Eroded Spot


 Sinkhole


 Slide or Slip

 Sodic Spot


 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals


Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:31,700.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Ector and Crane Counties, Texas

Survey Area Data: Version 17, Sep 14, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 16, 2015—Jul 13, 2015

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CnA	Conger loam, 0 to 2 percent slopes	5.7	27.5%
Fa	Faskin-Urban land complex	14.9	72.5%
Totals for Area of Interest		20.6	100.0%

Map Unit Description

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named, soils that are similar to the named components, and some minor components that differ in use and management from the major soils.

Most of the soils similar to the major components have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Some minor components, however, have properties and behavior characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. All the soils of a series have major horizons that are similar in composition, thickness, and arrangement. Soils of a given series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Additional information about the map units described in this report is available in other soil reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the soil reports define some of the properties included in the map unit descriptions.

Ector and Crane Counties, Texas

Fa—Faskin-Urban land complex

Map Unit Setting

National map unit symbol: 1yyp

Elevation: 0 to 4,000 feet

Mean annual precipitation: 8 to 60 inches

Mean annual air temperature: 54 to 73 degrees F

Frost-free period: 180 to 310 days

Farmland classification: Not prime farmland

Map Unit Composition

Faskin and similar soils: 70 percent

Urban land: 25 percent

Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Faskin**Setting**

Landform: Plains

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Loamy eolian deposits from the blackwater draw formation of pleistocene age

Typical profile

H1 - 0 to 8 inches: fine sandy loam

H2 - 8 to 52 inches: sandy clay loam

H3 - 52 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 50 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: Sandy Loam 12-17" PZ (R077DY047TX)

Hydric soil rating: No

Description of Urban Land**Setting**

Down-slope shape: Convex

Across-slope shape: Linear

Typical profile

H1 - 0 to 40 inches: variable

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 5 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Ector and Crane Counties, Texas

Survey Area Data: Version 17, Sep 14, 2018

Ector and Crane Counties, Texas

CnA—Conger loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 1yyk
Elevation: 1,500 to 3,600 feet
Mean annual precipitation: 10 to 17 inches
Mean annual air temperature: 63 to 68 degrees F
Frost-free period: 210 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Conger and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Conger

Setting

Landform: Interfluves, ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear, convex
Parent material: Calcareous loamy eolian deposits over indurated

Typical profile

H1 - 0 to 16 inches: loam
H2 - 16 to 32 inches: cemented material
H3 - 32 to 60 inches: gravelly loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: 8 to 20 inches to petrocalcic
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat):
Moderately low to moderately high (0.06 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 70 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Very low (about 2.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: D
Ecological site: Shallow 12-17" PZ (R077DY048TX)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Ector and Crane Counties, Texas

Survey Area Data: Version 17, Sep 14, 2018

Appendix F

User Questionnaire

ASTM E 1527-13 User Questionnaire

In order to qualify for the protection offered under the EPA All Appropriate Inquiry (AAI) Standard, the **User** (entities seeking to use the ASTM E1527-13 Practice to complete an environmental site assessment of the property; i.e. Lenders and/or Borrowers) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that AAI is not complete. This information should be the collective knowledge of the entities relying on the Phase I. **Please note that you are not being asked to evaluate the property, but rather to provide your knowledge of information on the property.**

Site Name/Address: South Tripp: 1.0- and 0.83-ac tracts, Sec 39-Blk 43-T&P RR, Ector Co., TX

Person Interviewed/Title: Joseph Hurt Date: 1/3/2019

If known, when was the property initially developed? NA

If different, when were the current building(s) on the property constructed? NA

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? (**Note:** If unknown, a review of title records or an environmental lien search is recommended)

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Engineering Controls are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property). *Institutional Controls* are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

(Limited Liability Protection)

As the *User* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

a) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

Yes ☒ No ☐ If you answer no, please include an explanation in the space provided below, including whether the lower purchase price is because contamination is known or believed to be present at the *property*?

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *User*:

a. Do you know the past uses of the *property*?

Yes ☒ No ☐

b. Do you know of specific chemicals that are present or once were present at the *property*?

Yes ☐ No ☒

c. Do you know of spills or other chemical releases that have taken place at the *property*?

Yes ☐ No ☒

d. Do you know of any environmental cleanups that have taken place at the *property*?

Yes ☐ No ☒

If you answered yes to any of the questions above, please include an explanation in the space provided below:

6. The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *User* of this *ESA*, based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:



Please provide the following property contact information:

Property Owner: BJSB Properties LP Phone Number: 432 381 5542

Key Site Personnel: Joe Hart Phone Number: 432 381 5542

Past Owner: PBP Properties Phone Number: 432 381 5542

Signature: Joe Hart Date: 1/3/2019

From: Virginia Belew virginia.belew@pbrpc.org  
Subject: FW: Closed Landfill Question
Date: January 10, 2019 at 12:27 PM
To: dale@trident-environmental.com, dtlittlejohn@gmail.com

VB

In reference to your request for information regarding the Permian Basin Regional Planning Commission closed landfill inventory record for UNUM 2150, please see the information provided by Texas Commission on Environmental Quality in the previous email below.

Please contact me if I can be of further assistance.

Thank you for your inquiry, Virginia Belew

Virginia Belew

Regional Services Director
PERMIAN BASIN REGIONAL PLANNING COMMISSION
POB 60660, Midland, TX 79711
(432) 563-1061 | (432) 563-1728 – Fax
<http://www.pbrpc.org>



CONFIDENTIAL INFORMATION: The contents of this email may contain confidential information that may be legally privileged and protected by federal and state law. This information is intended for use only by the entity or individual to whom it is addressed. The authorized recipient is obligated to maintain the information in a safe, secure, and confidential manner. The authorized recipient is prohibited from using this information for purposes other than intended, prohibited from disclosing this information to any other party unless required to do so by law or regulation, and is required to destroy the information after its stated need has been fulfilled.

From: Cheryl Untermeyer <cheryl.untermeyer@tceq.texas.gov>
Sent: Thursday, January 10, 2019 7:50 AM
To: Virginia Belew <virginia.belew@pbrpc.org>
Subject: RE: Closed Landfill Question

Virginia,
Good Morning. I'm going through my emails and wanted to check on this one with you. I found UNUM 2150 in PBRPC CLI... back in 2005 I have a fax from Bobby Tucker and the SWAC and Board decided to remove it from the inventory because "waste removed". TCEQ has not changed the Original Database so UNUM 2150 is still there. I can send you the WHOLE excel spreadsheet for the CLI and you can search for the sites in the PBRPC region.

Cheryl

Cheryl

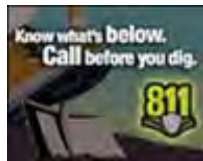
From: Virginia Belew <virginia.belew@pbrpc.org>
Sent: Monday, December 17, 2018 1:34 PM
To: Cheryl Untermeyer <Cheryl.Untermeyer@tceq.texas.gov>
Subject: Closed Landfill Question

Hi Cheryl! I had an inquiry about closed landfill inventory—The individual conducted a geo search for land in Ector County. It found #U2146, and we have that on our inventory. However, he found a #2150 adjacent to it that is now a caliche pit. This one is not on our inventory. Who do I talk to to get the information on land not listed? I am rusty on this, and your website does not give me a number.

Thanks, Virginia

Virginia Belew

Regional Services Director
PERMIAN BASIN REGIONAL PLANNING COMMISSION
POB 60660, Midland, TX 79711
(432) 563-1061 | (432) 563-1728 – Fax
<http://www.pbrpc.org>



CONFIDENTIAL INFORMATION: The contents of this email may contain confidential information that may be legally privileged and protected by federal and state law. This information is intended for use only by the entity or individual to whom it is addressed. The authorized recipient is obligated to maintain the information in a safe, secure, and confidential manner. The authorized recipient is prohibited from using this information for purposes other than intended, prohibited from disclosing this information to any other party unless required to do so by law or regulation, and is required to destroy the information after its stated need has been fulfilled.

CE/DNE

Is the project potentially eligible for a CE/ Determination of No Effect (DNE) because it involves only minor rehabilitation or the functional replacement of existing equipment?: N

Adverse Environmental/Social Impacts

Are there potentially adverse environmental or social impacts that may require mitigation or extensive regulatory agency or public coordination (e.g. known impacts to properties eligible for listing on the National Register of Historic Places; potentially significant public controversy; need for an individual permit from the U.S. Army Corps of Engineers)?: N

Associated PIF(s)

PIF number(s):

PIF ID #12644

Associated PIF PDF

The following document is for associated PIF #12644

Texas Water **Development Board**

OLA ID 928562

PIF No. 12644

Entity Name: Ector County UD

Project Name: TCEQ Compliance Projects

TABLE OF CONTENTS

General Information

Contact Information

Service Area

Previous PIF

Project Description

Rating Criteria for PWS Projects

Rating Criteria for All Projects - Effective Management

Green Project Information

Refinancing

Readiness to Proceed to Construction

Estimated Costs

Additional Attachments

Document - Additional_Attachments

Submittal

General Information

Project Information

Funding Type: DWSRF

Project Category: PWS

Contact Information

County: Ector

PWS ID No.: TX0680235

CCN No.:

Entity Contact Information	Engineering Firm Contact Information
Name of Entity: Ector County UD	Name of New Entity:
Prefix: Mr.	Prefix: Mr.
First Name: Tommy	First Name: John
Last Name: Ervin	Last Name: Atkins
Addr 1: 1039 N. Moss Ave.	Addr 1: 801Cherry St., Unit 11, Suite 1300
Addr 2:	Addr 2:
City: Odessa	City: Fort Worth
State: TX	State: TX
Zip: 79763-0000	Zip: 76102-0000
Phone: (432) 381-5525	Phone: (817) 335-6511
Fax:	Fax:
Suffix:	Suffix:
OrgName:	OrgName:
DeptName:	DeptName:
Title: President	Title: Project Manager
Email: ecud6570@yahoo.com	Email: john.atkins@kimley-horn.com
	Firm Name: Kimley-Horn & Associates
Make Changes: Y	Make Changes: Y
No Entity TxWISE Id	No Engineering TxWISE Id

Service Area

Population Served: 17,227

Total Household Connections: 5,063

ServiceAreaMap N/A

Previous PIF

Previous PIF:

Project Description

Project Name: TCEQ Compliance Projects

Project Short Desc: The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector Co UD to expand service to nearby residents.

Project Long Desc: The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector Co UD to expand service to nearby residents.

What is the need for the proposed project? Please describe any current Health and Compliance Factor and/or MCL Violations and physical deficiencies.: Ector County UD has less than 85% of the minimum total storage and elevated storage required by TCEQ. Ector County UD does not have any ground storage or elevated storage capacity. The system has experienced water outages, low chlorine residuals, and water pressures below 35 psi.

DW Cost Category: TRANSMISSION

DW Cost Category: STORAGE

DW Cost Category: LAND

DW Cost Category: OTHER

Is the proposed project Urgent Need?: Y

If "Yes", please provide a description of circumstances that justify urgent need support, and a timeline of expected project activity.: Citizens in West Odessa have relied on residential water wells or the Ector County UD system for water. In recent years, residential water wells have begun to run dry or become contaminated by oil and gas operations. West Odessa citizens are travelling to fill domestic water storage tanks. This project would allow Ector County UD to expand water service to citizens who have run out of water. The wholesale water contract between Ector County UD and the City of Odessa is ending on September 30, 2019. Ector County UD currently relies on the City of Odessa to meet their total storage, elevated storage, and pumping requirements. At the expiration of the contract, Ector County UD will be responsible for meeting their storage and

pumping requirements by their own infrastructure.

Rating Criteria for PWS Projects

Total Storage Capacity (in gallons): 0.00

Total Production Capacity (MGD): 2.45

A. Has the entity's system experienced documented instances of water contaminants exceeding the primary or secondary maximum contaminant level (MCL)?: N

B. Has the entity's system experienced documented outages in the water distribution system?: Y

C. Is the system's documented water production capability less than 85% of the minimum required by TCEQ?: N

D. Is the system's documented treated water storage capacity less than 85% of the minimum required by TCEQ (including total storage, elevated storage, and/or pressure tank)?: Y

E. Has the system experienced distribution system disinfection residuals of less than 0.2 mg/l free chlorine or 0.5 mg/l chloramines as applicable?: Y

F. Has the system experienced documented instances of water distribution pressures:

1. less than 20 PSI?: N

2. less than 35 PSI?: Y

G. Is the system experiencing documented water distribution losses of greater than 25%?: N

H. Will the proposed project benefit any other public water systems (i.e., one the entity is currently serving or proposes to serve)?: N

PWSWaterDistOutages N/A

PWSWaterStoreCapLessMin N/A

PWSDistSystemDisinfect N/A

PWSDistPressLessThirtyFivePsi N/A

Rating Criteria for All Projects - Effective Management

A. Asset Management

1 a. In the past 5 years, has an asset management plan been adopted by the entity's governing body that incorporates an inventory of all assets, an assessment of the criticality and condition of the assets, a prioritization of capital projects needed, and a budget? Note: A Capital Improvement Plan (CIP) alone does not constitute an asset management plan.: N

b. If "No," is the entity planning to prepare an asset management plan as part of the proposed project? If so, include language in the Project Description that states this.: N

2. Has asset management training been administered to the entity's governing body and employees?: N

B. Water Conservation

Does the proposed project address specific targets, goals, or measures in a water conservation or drought contingency plan that has been adopted by the entity's governing body within the past five years?: Y

If "Yes," 1) list the targets, goals, or measures to be supported; 2) describe how they will be addressed by the proposed project;: Reduce the gallons per capita per day (gpcd) water usage by .5 gpcpd each year for the next 10 years. Reduce calculated water loss to less than 12%. The City of Odessa has adopted the above goals as a part of the water conservation plan. The City of Odessa currently operates and maintains the Ector County Utility District system and is a wholesale water provider to Ector County UD. The main transmission lines through the water system are suspected to exhibit water loss due to the age of the pipes and the number of meter taps on the transmission lines. The new project will install new transmission lines that will not allow meter taps. This is anticipated to reduce the water loss in the system.

C. Reclaimed Water

Does the proposed project involve the use of reclaimed water?: N

D. Energy Efficiency

Does the proposed project address a specific goal(s) in a system-wide or plant-wide energy assessment, audit, or optimization study that has been conducted within the past three years?: N

E. Implementation of Water Plans

Does the proposed project implement elements contained in a state or regional water plan, watershed protection plan, integrated water resource management plan, regional facility plan, regionalization or consolidation plan, finalized Economically Distressed Areas Program (EDAP) facility plan, or a total maximum daily loads (TMDL) implementation plan?: Y

If "Yes," 1) list the plan name and sponsor; 2) list the elements of the plan to be implemented; AND 3) attach the cover page, table of contents, and highlighted pages featuring the relevant information from the plan that clearly identify the element(s) to be implemented.: 2016 Region F Water Plan, TWDB; Element 5B.12 - Water Audits and Leak Repair

WaterConservation N/A

ImplementationOfWaterPlans N/A

Green Project Information

A. Does the proposed project contain, either partially or completely, green elements as defined by the Green Project Information Worksheets?: N

Refinancing

Will DWSRF funds be used to refinance existing debt related to this project and received from a source other than the TWDB?: N

Readiness to Proceed to Construction

A. Permitting

Have all applicable permitting aspects of the project, including acquisition of water rights and/or Certificate of Convenience and Necessity (CCN), or TCEQ approval and completion of piloting been achieved?: N

* If "No," identify in the space below each federal, state or local permit, license or other authorizations needed for the project and the status of each.: Ector County UD was recently granted a public water system ID number by TCEQ. Ector County UD does not have a defined CCN boundary, however Ector County UD has an agreement with the City of Odessa, the nearest water provider to Ector Co UD, on the limits of the service boundary of Ector Co UD.

B. Land Acquisition

Have all land acquisitions and easements necessary to complete the project been obtained?: N
If "No," please explain in the space below and provide an anticipated completion date.: Ector County UD has begun talks with land owners for acquisition of pump station site and elevated storage tank sites.

Completion Date: 07-01-2018

1. Have you completed the design process including full development of plans and specifications? (If "No," proceed to Question 2. If "Yes," proceed to Question 4.): N

2. Has design work progressed beyond preliminary design?: N

C. Design

3. Will design work be initiated after the TWDB releases design funds for this project?: N

4. For membrane plants, SWTP, water wells, treatment changes, or intake structures, has TCEQ approved plans and specs?:

D. Environmental Review

1. Have you received a Finding of No Significant Impact (FNSI), Categorical Exclusion (CE), a Record of Decision (ROD), or an environmental determination prepared by another entity in compliance with the National Environmental Policy Act (NEPA) for this project? For projects that may qualify for a FNSI, please review 31 TAC §371.43; or that require a CE, review 31 TAC §371.42; or that require a ROD, review 31 TAC §371.46; or that have a determination by another entity, review 31 TAC §371.50.: N

2. If an environmental finding has not been issued, does your project meet the criteria to receive Categorical Exclusion as defined at 31 TAC §371.42?: N

3. Can you submit an environmental report with the completed loan application that documents coordination with agencies has proceeded sufficiently to determine that no major issues remain?: N

4. Will the environmental review be initiated after the TWDB releases planning funds for this project?: Y

E. Construction Phase

Start Date (mm/dd/yyyy): 03-01-2019

Completion Date (mm/dd/yyyy): 03-01-2021

F. Project Bidding and Contracts

Will the proposed project be ready to advertise for construction bids immediately following a funding commitment for construction costs?: Y

If you are seeking reimbursement for eligible planning and/or design costs, was the work performed in compliance with applicable state law and federal crosscutters, including procurement following Disadvantaged Business Enterprise (DBE) requirements? Please visit the TWDB's DBE web page for more information.: Y

How many months will it take to close the loan after receiving a funding commitment? Projects deemed ready to proceed to construction must be able to expend funds quickly after receiving a funding commitment.: 3

Estimated Costs

Seeking planning funding: Y

Seeking acquisition funding: Y

Seeking design funding: Y

Seeking construction funding: Y

Cost Category	(a) Planning	(b) Acquisition	(c) Design	(d) Construction	(e) Total (a)+(b)+(c)+(d)
Treatment	\$0	\$0	\$0	\$0	\$0
Transmission and Distribution	\$0	\$0	\$0	\$22,530,608	\$22,530,608
Source	\$0	\$0	\$0	\$0	\$0
Storage	\$0	\$0	\$0	\$6,953,500	\$6,953,500
Purchase of System	\$0	\$0	\$0	\$0	\$0
Restructuring	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$0	\$250,000	\$0	\$0	\$250,000
Source Water Protection	\$0	\$0	\$0	\$0	\$0
Engineering	\$241,950	\$0	\$3,435,098	\$180,795	\$3,857,843
General, Legal, Financial	\$5,000	\$5,000	\$75,000	\$650,000	\$735,000
Contingency	\$0	\$0	\$90,000	\$1,600,000	\$1,690,000
Other (Describe Cost)	\$0	\$0	\$180,000	\$1,000,000	\$1,180,000
Subtotal (Add all rows above)	\$246,950	\$255,000	\$3,780,098	\$32,914,903	\$37,196,951
Financing from Local Funds	\$0	\$0	\$0	\$0	\$0
Financing from Other Funds	\$0	\$0	\$0	\$0	\$0
Subtotal, SRF-Funded Amount	\$246,950	\$255,000	\$3,780,098	\$32,914,903	\$37,196,951

Green component costs as a percentage of "Subtotal, SRF-Funded Amount": 0%

Anticipated Commitment(s): MULTIYEAR

AnticipatedCommitments N/A

EstimatedCostsSignature N/A

Additional Attachments

The following documents are attached after this page:

Ector Co Utility District - XXXXX - TCEQ Compliance Projects.pdf

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)
Project Information Form (PIF)

If this is an update to a Project Information Form (PIF) submitted in a previous fiscal year, or to a project that has received funding for planning, acquisition, and/or design phases in a previous year, please complete the applicable project update form(s) located here: [Update Forms](#).

Section 1. GENERAL INFORMATION			
Please Indicate the State Fiscal Year (SFY) for this PIF:		SFY 2018 (Ends Aug. 31, 2018)	<input checked="checked" type="checkbox"/>
		SFY 2019 (Begins Sep. 1, 2019)	<input type="checkbox"/>
Name of Entity (City, Town, County, District, PWS, WSC, etc.)		County	
Ector County Utility District		Ector	
Public Water System (PWS) ID No.		Certificate of Convenience & Necessity (CCN) No.	
0680235		N/A	
Name of Project (Provide a brief name for this project.)		Proposed Total Project Costs (Section 10, Line P.)	
TCEQ Compliance Projects		\$37,196,951	
Entity Contact Information		Engineering Firm Contact Information	
		Name of Firm	Kimley-Horn & Associates, Inc.
Contact Person	Tommy Ervin	Contact Person	John Atkins
Title & Department	President, Board of Directors	Title & Department	Project Manager, Utilities
Mailing Address	1039 N Moss Ave., Odessa, TX 79763	Mailing Address	801 Cherry Street, Unit 11, Suite 1300, Fort Worth, TX 76102
Phone Number	432-381-5525	Phone Number	817-335-6511
Email Address	ecud6570@yahoo.com	Email Address	john.atkins@kimley-horn.com
Section 2. SERVICE AREA INFORMATION			
Attach and submit a map of the entity's current and, if applicable, proposed service area. The map of the service area must be overlaid by a map of the census boundaries in the service area.			
To determine population served indicate the number of people who reside within the service area of, or receive wholesale or retail water service from, the entity based on the most recent American Community 5-year Estimates .			
For an unincorporated entity (i.e., a county, district, river authority, system, or corporation) provide a table that 1) identifies the number of household connections within each census tract or block group that covers the entity's service area and 2) prorates the population accordingly. See example table in Census Data Search (WRD-284) .			
Population Served	17,227	Total Household Connections	5,063
Section 3. PROJECT CATEGORY			
Check the ONE category that best describes the project. Projects that involve multiple categories must be submitted separately.			
Public Water System (PWS)	<input checked="checked" type="checkbox"/>	Source Water Protection Must also submit Form DW-010.	<input type="checkbox"/>

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)

Project Information Form (PIF)

Name of Ector County Utility District

PWS ID No.: TX0680235

Section 4. PROJECT DESCRIPTION

Briefly describe the proposed project and how it will address the items in Section 5 to which the entity responds "Yes." A project may consist of one or more projects that are intended to address specific system conditions.

Current Health and Compliance Factor and/or Maximum Contaminant Level (MCL) Violations and Physical Deficiencies	Proposed Project Description
Ector County Utility District has less than 85% of the minimum total storage and elevated storage required by TCEQ. Ector County Utility District does not have any ground storage or elevated storage capacity. The system has experienced water outages, low chlorine residuals, and water pressures below 35 psi.	The proposed project will add 2,500,000 gallons of elevated storage, 4,000,000 gallons of ground storage, and approximately 11,000,000 gallons per day of firm pumping capacity. The proposed improvements will bring Ector County Utility District into compliance with TCEQ criteria. The proposed projects will increase the reliability of the system and allow Ector County Utility District to expand service to nearby residents.

Urgent Need. If the entity is requesting Urgent Need funding, please provide a description of circumstances that justify urgent need support, and a timeline of expected project activity.

Urgent need. Citizens of West Odessa have relied on residential water wells or the Ector County Utility District system for water. In recent years, residential water wells have begun to run dry or become contaminated by oil and gas operations. West Odessa citizens are travelling to fill domestic water storage tanks. This project would allow Ector County Utility District to expand water service to citizens who have run out of water. The wholesale water contract between Ector County Utility District and the City of Odessa is ending on September 30, 2019. Ector County Utility District currently relies on the City of Odessa to meet their total storage, elevated storage, and pumping requirements. At the expiration of the contract, Ector County Utility District will be responsible for meeting their storage and pumping requirements by their own infrastructure.

Section 5. RATING CRITERIA FOR PWS PROJECTS

- PWS projects: Fill out Section 5.
- Source Water Protection projects: Proceed to Section 6.

Total Storage Capacity (in gallons)	0 Gallons	Total Production Capacity (MGD)	2.45 MGD
--	-----------	--	----------

Attach any documentation that supports the responses to the following questions. (Refer to TCEQ notice of violation letter, if applicable.)		Yes	No
A.	Has the entity's system experienced documented instances of water contaminants exceeding the primary or secondary maximum contaminant level (MCL)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B.	Has the entity's system experienced documented outages in the water distribution system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C.	Is the system's documented water production capability less than 85% of the minimum required by the Texas Commission on Environmental Quality (TCEQ)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D.	Is the system's documented treated water storage capacity less than 85% of the minimum required by TCEQ (including total storage, elevated storage, and/or pressure tank)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E.	Has the system experienced distribution system disinfection residuals of less than 0.2 mg/l free chlorine or 0.5 mg/l chloramines as applicable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F.	Has the system experienced documented instances of water distribution pressures:	Yes	No
1.	less than 20 pressure per square inch (PSI)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	less than 35 pressure per square inch (PSI)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
G.	Is the system experiencing documented water distribution losses of greater than 25%?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Benefits to Other Public Water Systems – Consolidation Projects		Yes	No
H.	Will the proposed project benefit any other public water systems (i.e., one the entity is currently serving or proposes to serve)? <ul style="list-style-type: none"> • If "Yes," the entity must also submit the Consolidation Project Worksheet (DW-009) for each water system that will benefit from this project. • If "No," proceed to Section 6. 	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)

Project Information Form (PIF)

Section 6. RATING CRITERIA FOR ALL PROJECTS – EFFECTIVE MANAGEMENT

Note: Information that is not submitted as requested will not be considered.

A.	Asset Management	Yes	No
1.	<p>a. In the past 5 years, has an asset management plan been adopted by the entity's governing body that incorporates an inventory of all assets, an assessment of the criticality and condition of the assets, a prioritization of capital projects needed, and a budget? If "Yes," attach 1) the cover page and table of contents of the entity's adopted or approved asset management plan and 2) the highlighted pages from the plan that clearly identify each of the above referenced elements. Note: A Capital Improvement Plan (CIP) alone does not constitute an asset management plan.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<p>b. If "No" to Question A.1.a., is the entity planning to prepare an asset management plan as part of the proposed project? If so, include language in the Project Description (Section 4) that states this.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Assistance with establishing an asset management plan is offered through TCEQ's Financial, Managerial, and Technical (FMT) contract. Contact TCEQ, at 512-239-4691 or fmt@tceq.texas.gov to schedule a meeting.</p>			
2.	<p>Has asset management training been administered to the entity's governing body and employees? If "Yes," attach the following information for each trainee: name, title/position, date of training, course name, and name of organization that conducted the training.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B.	Water Conservation	Yes	No
	<p>Does the proposed project address specific targets, goals, or measures in a water conservation or drought contingency plan that has been adopted by the entity's governing body within the past five years?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<div style="display: flex;"> <div style="flex: 1; padding-right: 10px;"> <p>If "Yes," 1) list the targets, goals, or measures to be supported; 2) describe how they will be addressed by the proposed project;</p> </div> <div style="flex: 2; border: 1px solid black; padding: 10px;"> <ul style="list-style-type: none"> - Reduce the gallons per capita per day (gpcpd) water usage by 0.5 gpcpd each year for the next 10 years. - Reduce calculated water loss to less than 12%. - The City of Odessa has adopted the above goals as a part of the water conservation plan. The City of Odessa currently operates and maintains the Ector County Utility District System and is a wholesale water provider to Ector County Utility District. <p>The main transmission lines through the water system are suspected to exhibit water loss due to the age of the pipes and the number of meter taps on the transmission lines. The new project will install new transmission lines that will not allow meter taps. This is anticipated to reduce the water loss in the system.</p> </div> </div>		
<p>AND 3) attach the cover page, table of contents, and highlighted pages from the plan that clearly identify the project-related targets, goals, or measures.</p> <ul style="list-style-type: none"> For questions regarding water conservation plans, contact wcpteam@twdb.texas.gov or 512-463-4292, or visit the Municipal Water Conservation Plans web page at www.twdb.texas.gov/conservation/municipal/plans/index.asp. Information on drought contingency planning can be found online at www.tceq.texas.gov/permitting/water_supply/water_rights/contingency.html. Note: Entities seeking financial assistance in excess of \$500,000 must submit a water conservation plan during the application phase. 			
C.	Reclaimed Water	Yes	No
	Does the proposed project involve the use of reclaimed water?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<p>If "Yes," describe how:</p>		

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)

Project Information Form (PIF)

D.	Energy Efficiency	Yes	No
	Does the proposed project address a specific goal(s) in a system-wide or plant-wide energy assessment, audit, or optimization study that has been conducted within the past three years? If "Yes," attach the highlighted pages from the energy assessment, audit, or optimization study that clearly identify the goals to be addressed by the project.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section 6 (Continued). RATING CRITERIA FOR ALL PROJECTS – EFFECTIVE MANAGEMENT

E.	Implementation of Water Plans	Yes	No
	Does the proposed project implement elements contained in a state or regional water plan, watershed protection plan, integrated water resource management plan, regional facility plan, regionalization or consolidation plan, finalized Economically Distressed Areas Program (EDAP) facility plan, or a total maximum daily loads (TMDL) implementation plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	If "Yes," 1) list the plan name and sponsor; 2) list the elements of the plan to be implemented; AND 3) attach the cover page, table of contents, and highlighted pages featuring the relevant information from the plan that clearly identifies the element(s) to be implemented.	1) 2016 Region F Water Plan, Texas Water Development Board 2) Element 5B.1.2 – Water Audits and Leak Repair.	

Section 7. GREEN PROJECT INFORMATION

For assistance in responding to this section, see the DWSRF Green Project Information Worksheets (TWDB-0163) available online at www.twdb.texas.gov/financial/instructions/doc/TWDB-0163.pdf	Yes	No
Does the proposed project contain, either partially or completely, green elements as defined by the Green Project Information Worksheets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If "No," proceed to Section 8. If "Yes," proceed to Question 7.B.		
Enter the estimated cost of the green portion of the proposed project.	N/A	
Describe and justify in the space below the green elements of the proposed project and, if available, attach a green business case. Note: The field below will expand the more text that is added.		
N/A		

Section 8. REFINANCING

DWSRF funds may be used to refinance projects that have been completed utilizing other funding sources outside of TWDB.		
	Yes	No
Will DWSRF funds be used to refinance existing debt related to this project and received from a source other than the TWDB?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section 9. READINESS TO PROCEED

A. Permitting	Yes	No
---------------	-----	----

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)

Project Information Form (PIF)

Have all applicable permitting aspects of the project, including acquisition of water rights and/or Certificate of Convenience and Necessity (CCN), or TCEQ approval and completion of piloting been achieved? <ul style="list-style-type: none"> If "Yes," please provide the permit name(s) If "No," identify in the space below each federal, state or local permit, license or other authorizations needed for the project and the status of each. 	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ector County Utility District was recently granted a public water system ID number by TCEQ. Ector County Utility District does not have a defined CCN boundary, however Ector County Utility District has an agreement with the City of Odessa, the nearest water provider to Ector County Utility District, on the limits of the service boundary of Ector County Utility District.		
B. Land Acquisition	Yes	No
Have all land acquisitions and easements necessary to complete the project been obtained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If "No," please explain in the space below and provide an anticipated completion date.	Completion Date (07/01/2018)	
Ector County Utility District has begun talks with land owners for acquisition of pump station site and elevated storage tanks sites.		

Section 9 (Continued). READINESS TO PROCEED

C. Design		Yes	No
1. Have you completed the design process including full development of plans and specifications? (If "No," proceed to Question 2. If "Yes," proceed to Question 4.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Has design work progressed beyond preliminary design ? If so, please provide the completion date. Completed preliminary design documents must consist of the following: <ul style="list-style-type: none"> Design criteria, preliminary drawings, outline of specifications, written descriptions of the project, and updated opinion of probable cost. Project Sites are plotted on site maps, the site has been surveyed, geotechnical analysis of the site is complete, facility sizing is complete, and process schematics are complete. For rehab projects, the above is complete, meaning the details as to what linework portions and what plant components to be rehabed are well defined. 		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Completion Date (08/31/2018) Design work including environmental review is expected to begin before funding is released.	
3. Will design work be initiated after the TWDB releases design funds for this project?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. For membrane plants, Surface Water Treatment Plant (SWTP), water wells, treatment changes, or intake structures, has TCEQ approved plans and specs?		<input type="checkbox"/>	<input type="checkbox"/>
		<input checked="" type="checkbox"/> N/A	
D. Environmental Review			
Only answer "Yes" to ONE of the following four questions:	1. Have you received a Finding of No Significant Impact (FNSI), Categorical Exclusion (CE), a Record of Decision (ROD), or an environmental determination prepared by another entity in compliance with the National Environmental Policy Act (NEPA) for this project? For projects that may qualify for a FNSI, please review 31 TAC §371.43 ; or that require a CE, review 31 TAC §371.42 ; or that require a ROD, review 31 TAC §371.46 ; or that have a determination by another entity, review 31 TAC §371.50 .	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	If "Yes," provide Issuer (Agency) and date of issuance(s):	Issuer N/A	Date of Issuance (mm/dd/yyyy) N/A
	2. If an environmental finding has not been issued, does your project meet the criteria to receive Categorical Exclusion as defined at 31 TAC §371.42 ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)

Project Information Form (PIF)

	3. Can you submit an environmental report with the completed loan application that documents coordination with agencies has proceeded sufficiently to determine that no major issues remain?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	4. Will the environmental review be initiated after the TWDB releases planning funds for this project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
E. Construction Phase (Estimated start date for first contract and estimated completion date for last contract)	Start Date (03/01/2019)	Completion Date (03/01/2021)	
F. Project Bidding and Contracts			
Will the proposed project be ready to advertise for construction bids immediately following a funding commitment for construction costs?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If you are seeking reimbursement for eligible planning and/or design costs, was the work performed in compliance with applicable state law and federal crosscutters, including procurement following Disadvantaged Business Enterprise (DBE) requirements? For more information on DBE, please visit http://www.twdb.texas.gov/financial/programs/DBE/index.asp .		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	
How many months will it take to close the loan after receiving a funding commitment? Projects deemed ready to proceed to construction must be able to expend funds quickly after receiving a funding commitment.		3 Months	

Texas Water Development Board (TWDB)
Drinking Water State Revolving Fund (DWSRF)

Project Information Form (PIF)

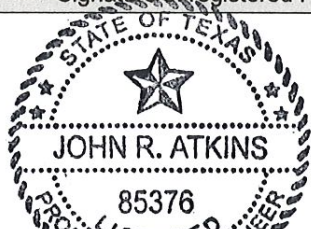
Section 10. ESTIMATED COSTS

Cost Category		(a) Planning	(b) Acquisition	(c) Design	(d) Construction	(e) Total (a)+(b)+(c)+(d)
Check the phase(s) for which DWSRF finding is desired		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
A.	Treatment					
B.	Transmission and Distribution				\$22,530,608	\$22,530,608
C.	Source					
D.	Storage				\$6,953,500	\$6,953,500
E.	Purchase of System					
F.	Restructuring					
G.	Land Acquisition		\$250,000			\$250,000
H.	Source Water Protection					
I.	Engineering	\$241,950		\$3,435,098	\$180,795	\$3,857,843
J.	General, Legal, Financial	\$5,000	\$5,000	\$75,000	\$650,000	\$735,000
K.	Contingency			\$90,000.00	\$1,600,000	\$1,690,000
L.	Other (Describe cost)			\$180,000.00	\$1,000,000.00	\$1,118,000
	Envir, Surveying, Testing, Inspection					
M.	Subtotal (Add Lines A-L)	\$246,950	\$255,000	\$3,780,098	\$32,914,903	\$37,196,951
N.	Financing from Local Funds					
O.	Financing from Other Sources					
P.	Subtotal, SRF-Funded Amount (Subtract Lines N and O from Line M)	\$246,950	\$255,000	\$3,780,098	\$32,914,903	\$37,196,951

Note: A loan origination fee will be applied to any committed loan amount.

One-Time Commitment	<input type="checkbox"/>	Multi-Year Commitment	<input checked="" type="checkbox"/>
---------------------	--------------------------	-----------------------	-------------------------------------

Section 11. AUTHORIZATION AND SIGNATURE

<p><i>Tommy Ervin President ECUP 432-634-9421</i></p> <p>Printed Name and Title of Entity's Authorized Representative</p> <p><i>Tommy Ervin</i></p> <p>Signature of Entity's Authorized Representative</p>	<p>Telephone Number</p> <p><i>2-27-18</i></p> <p>Date (mm/dd/yyyy)</p>
<p>If the grand total (Section 10, Line P) is less than or equal to \$100,000, include:</p> <ul style="list-style-type: none"> • Statement establishing the basis for the project cost. • Signature of system operator. <p>N/A</p>	<p>If the grand total (Section 10, Line P) is greater than \$100,000, include:</p> <ul style="list-style-type: none"> • Seal of registered Professional Engineer. • Signature of registered Professional Engineer. <div style="text-align: center;">  <p><i>John R. Atkins</i></p> <p>2-28-18</p> </div>

This form must be completed in full to be considered for rating and inclusion in the DWSRF IUP. Incomplete forms will prevent projects from being rated.

For questions, contact: Matthew Schmidt, 512-463-8321, matthew.schmidt@twdb.texas.gov

Form DW-007 (11/2017)

Texas Water Development Board (TWDB) Disadvantaged Community Worksheet

A Disadvantaged Community Worksheet must be submitted to be considered for DWSRF Disadvantaged Community Funding. TWDB staff will utilize the information provided on this worksheet to determine if the entity meets the eligibility criteria.

Note: Information that is not submitted as requested will not be considered.

Section 1. ELIGIBILITY CRITERIA

Eligibility for the entire service area: The entity's service area meets the criteria for a disadvantaged community if the Annual Median Household Income (AMHI) for the entity's service area is less than or equal to 75% of the state's [AMHI](#) **and**

- A. the household cost factor (HCF) is greater than or equal to 1.0% if the service area is charged for either water or sewer service (whichever is applicable), **or**
- B. the household cost factor (HCF) is greater than or equal to 2.0% if the service area is charged for both water and sewer service.

Eligibility for a portion of service area: A portion of an entity's service area meets the criteria for a disadvantaged community if the proposed project meets the TWDB's [Disadvantaged – Portion of a Service Area Procedure \(Program-Disadvantaged-2000\)](#), the AMHI for the portion of an entity's service area is less than or equal to 75% of the state's AMHI, **and**

- A. the household cost factor (HCF) is greater than or equal to 1.0% if the entire service area is charged for either water or sewer service (whichever is applicable), **or**
- B. the household cost factor (HCF) is greater than or equal to 2.0% if the entire service area is charged for both water and sewer service.

Section 2. SERVICE AREA

Indicate whether the entity is pursuing disadvantaged status for either the entire service area or a portion of its service area. For entire service area projects, a map depicting the service area boundaries with major features (highways, census boundaries, city limit boundaries, etc.) **must** be included for eligibility. Entities are allowed disadvantaged eligibility for a portion of a service area if the portion meets adjusted annual median household income (AMHI) and household cost factor (HCF) calculations pursuant to the [Disadvantaged – Portion of a Service Area Procedure \(Program-Disadvantaged-2000\)](#), SRF rules, and other applicable criteria found in the IUP. For portion of a service area eligibility, a map depicting the location of proposed new household connections (to existing homes) within the portion of an entity's service area **must** be included for eligibility.

Entire Service Area

☐

Portion of a Service Area

☐

Section 3. SOURCE SOCIOECONOMIC DATA

Identify the source(s) for the socioeconomic data to be entered in Section 4.

Follow the steps in [Census Data Search \(WRD-284\)](#) to find data. Census data is based on the most recent available American Community Survey (ACS) 5-year Estimates.

U.S. Census Bureau Data	County, City, Town, or Census Designated Place:	Most recent (5-year) ACS ¹	<input type="checkbox"/>
		The prior (5-year) ACS (for Population) ¹	<input type="checkbox"/>
	Incongruous Census and Service Area Boundaries	Summary File 5-year block group data: Must provide a table that shows prorated data according to the example table in Census Data Search (WRD-284) .	<input type="checkbox"/>
TWDB-Approved Survey	An entity must submit documentation that substantiates the inadequate or absent census data that led to the need to conduct a survey. All entities must obtain prior approval to use survey data instead of the most recent available American Community Survey data. Previously completed surveys, including surveys completed for funding from other sources, will be rejected if they do not follow survey methods listed in the latest version of the Socioeconomic Survey Guidelines (WRD-285) .		<input type="checkbox"/>
	Date of Survey:		

Section 4. SOCIOECONOMIC DATA

Annual Median Household Income (AMHI)		Unemployment Rate (UR)	
Average Household Size (AHS)		Population	Prior (5-year) ACS ¹
			Current (5-year) ACS ¹

¹ Population: for SFY 2018 use 2007-2011 as Prior and 2011-2015 as Current; for SFY 2019 use 2008-2012 and 2012-2016

Texas Water Development Board (TWDB)
Disadvantaged Community Worksheet, Cont'd.

Section 5. AVERAGE ANNUAL WATER AND SEWER COSTS							
Using the Average Household Size entered in Section 4 and the entity's current rate structure, calculate the entity's average annual water and sewer costs. This information will be factored into the entity's affordability calculations.							
Average Monthly Water Flow per Household				Average Monthly Sewer Flow per Household			
A. Avg. monthly gallons per person		2,325		L. Avg. monthly gallons per person		1,279	
B. Avg. household size (for the entire service area)				M. Avg. household size (for the entire service area)			
C. Avg. monthly water flow per household (AxB)				N. Avg. monthly sewer flow per household (LxM)			
Average Monthly Water Bill				Average Monthly Sewer Bill			
D. Avg. monthly water flow per household (C)				O. Avg. monthly sewer flow per household (N)			
E. Initial base water rate (first		gallons)		P. Initial base sewer rate (first		gallons)	
F. Additional rate (each addtl.		gallons)		Q. Additional rate (each addtl.		gallons)	
If system utilizes a tiered billing structure, attach additional rates with this worksheet. Base Line H on tiered structure.				If system utilizes a tiered billing structure, attach additional rates with this worksheet. Base Line S on tiered structure			
G. Other charges (e.g., taxes, surcharges, or other fees) used to subsidize the water system				R. Other charges (e.g., taxes, surcharges, or other fees) used to subsidize the sewer system			
H. Calculate avg. monthly water bill				S. Calculate avg. monthly sewer bill			
Average Annual Water Bill				Average Annual Sewer Bill			
I. Avg. monthly water bill (H)				T. Avg. monthly sewer bill (S)			
J. Number of months in a year		12		U. Number of months in a year		12	
K. Avg. annual water bill (IxJ)				V. Avg. annual sewer bill (TxU)			
Section 6. ANNUAL LOAN COST							
Using the current market rate of 3.62% (as of November 2017) and a financial assistance term of 20 years, amortize the requested grand total and submit a copy of the amortization schedule with this form. This information will be factored into the entity's affordability calculations.							
W. Annual payment on SRF loan (from amortization schedule)							
X. Total household connections (from Section 2 of Project Information Form)							
Y. Annual loan cost per customer (W/X)							
Section 7. AFFORDABILITY ADJUSTMENTS							
Using the Unemployment Rate and Population Trends based on the ACS 5-year Surveys (Section 4), calculate the Household Cost Factor adjustments for affordability criteria. Unemployment Rate Adjustment may not exceed an HCF increase of 0.75; and Population Adjustments may not exceed an HCF increase of 0.5							
Z. Unemployment Rate Adjustments ([UR-State ¹ /State ¹] * 2) (Only use if a positive amount)							
AA. Population Adjustments [(Prior Pop.-Current Pop.)/Prior Pop.] * 6.7 (Only use if positive amount, i.e., a decline)							
Population Adj: for SFY 2018 use 2007-2011 as Prior and 2011-2015 as Current; for SFY 2019 use 2008-2012 and 2012-2016							
Section 8. HOUSEHOLD COST FACTOR							
If your utility provides water or sewer service, the minimum required Household Cost Factor (HCF) must be greater than or equal to 1.00%. If your utility provides water and sewer service, the minimum required HCF must be greater than or equal to 2.00%. If the HCF does not meet the minimum required HCF, do not submit this worksheet.							
BB. Household Cost Factor [(K+V+Y)/AMHI]+Z+AA							

¹State of Texas Unemployment Rate (Most recently available ACS 5-year Estimates) For SFY 2018 use 2011-2015 ACS and for SFY 2019 use 2012-2016

Texas Water Development Board (TWDB)
Consolidation Worksheet

This form is intended to identify other public water systems that would benefit from the proposed project. It specifically applies to all public water systems that the entity owns, currently serves, or proposes to serve.

Submit a form for each public water system affected. The entity must provide written documentation of agreement with the public water systems that it proposes to serve. Incomplete forms may prevent the project from being ranked or may reduce the total number of points that the entity's project receives.

CURRENT OR PROPOSED SYSTEMS SERVED				
Water System Name	PWS ID No.	Population Served	Number of Connections	What % of the system's water does the entity provide?
	TX			

Consolidation Checklist	Yes	No
1. Does the entity currently own this public water system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Does the entity propose to take over ownership of this public water system?	<input type="checkbox"/>	<input type="checkbox"/>
3. Is the entity providing or will it provide water service to this system through an interconnection with the entity's system?	<input type="checkbox"/>	<input type="checkbox"/>
4. Has the system experienced documented instances of water distribution outages?	<input type="checkbox"/>	<input type="checkbox"/>
5. Has the system experienced distribution system disinfection residuals of less than 0.2 mg/l free chlorine or 0.5 mg/l chloramines as applicable?	<input type="checkbox"/>	<input type="checkbox"/>
6. Is the system's documented water production capability less than 85% of the minimum required by TCEQ?	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the system's documented treated water storage capacity less than 85% of the minimum required by TCEQ (including total storage, elevated storage, and/or pressure tank)?	<input type="checkbox"/>	<input type="checkbox"/>
8. Has the system experienced documented instances of water distribution pressures below 20 PSI?	<input type="checkbox"/>	<input type="checkbox"/>
9. Has the system experienced documented instances of water distribution pressures between 20 and 35 PSI?	<input type="checkbox"/>	<input type="checkbox"/>
10. Has the entity's system experienced documented instances of water contaminants exceeding the primary and secondary Maximum Contaminant Level (MCL)?	<input type="checkbox"/>	<input type="checkbox"/>
11. Is the system experiencing documented water distribution losses of greater than 25%?	<input type="checkbox"/>	<input type="checkbox"/>

For each "Yes" response to Questions 4-11, indicate the solution proposed by this project.	
Identified Problem (from above checklist)	Proposed Solution

Texas Water Development Board (TWDB)
Source Water Protection Worksheet

Public water systems (PWSs) may apply for DWSRF Source Water Protection funds to implement best management practices (BMPs) recommended by TCEQ. To be eligible for consideration, PWSs must be willing to participate in TCEQ's Source Water Assessment and Protection (SWAP) program. If the entity does not already have an approved source water protection plan, contact TCEQ.

For questions, contact TCEQ Public Drinking Water Section: 512-239-4691 pdws@tceq.texas.gov

System Information	Yes	No
1. Does the entity's PWS have confirmed detections of organic chemicals?	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the entity's PWS have confirmed detections of nitrates (N) greater than 2 mg/l?	<input type="checkbox"/>	<input type="checkbox"/>
3. Did any of the Contaminant Occurrence, Nonpoint Source, Point Source, or Area of Primary Influence columns of the entity's Source Water Susceptibility Assessment (SWSA) list a "High" rating for nitrates?	<input type="checkbox"/>	<input type="checkbox"/>
4. Did any of the Contaminant Occurrence, Nonpoint Source, Point Source, or Area of Primary Influence columns of the entity's SWSA list a "High" rating for any organic chemicals?	<input type="checkbox"/>	<input type="checkbox"/>

System Vulnerability – Groundwater	Yes	No
1. Does the entity's groundwater PWS lack sufficient clay (30 feet or more) layers between the ground surface and the top of the aquifer?	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the entity's groundwater PWS receive a "Low" rating in the Structural Integrity column of the entity's SWSA?	<input type="checkbox"/>	<input type="checkbox"/>

System Vulnerability – Surface Water	Yes	No
1. Does the entity's surface water PWS have confirmed organic chemical detections?	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the entity's surface water PWS have intakes located in a small watershed (i.e., approximately 100 square miles or less)?	<input type="checkbox"/>	<input type="checkbox"/>

Ability to Implement Best Management Practices (BMPs)	Yes	No
1. Does the entity's PWS have the ability and authority to implement land use controls including but not limited to ordinances and land acquisition?	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the entity's PWS have the ability to implement other non-land use controls such as public education, contingency planning, and conducting toxic and/or hazardous waste collection events?	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the entity's PWS have the ability to plug/cap abandoned water wells within a delineated source water protection area?	<input type="checkbox"/>	<input type="checkbox"/>
4. Does the entity's PWS have confirmed siting and/or well construction problems listed on the most recent TCEQ sanitary survey, and will the proposed project correct these problems?	<input type="checkbox"/>	<input type="checkbox"/>

Section 2 – Service Area Information Attachment

Section 6.B – Water Conservation Attachment

ORDINANCE NO. 2016-43

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ODESSA, TEXAS, ADOPTING AN UPDATED WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN; ESTABLISHING CRITERIA FOR THE INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES; ESTABLISHING RESTRICTIONS ON CERTAIN WATER USES; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY CLAUSE; PROVIDING FOR PUBLICATION; AND DECLARING AN EFFECTIVE DATE.

WHEREAS, the City of Odessa, Texas, recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought; and

WHEREAS, the City recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes; and

WHEREAS, Sections 11.1271 and 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public water supply systems in Texas to prepare a water conservation and drought contingency plan; and

WHEREAS, as authorized under law, and in the best interests of the citizens of Odessa, Texas, the Odessa City Council deems it expedient and necessary to encourage water conservation and to establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ODESSA, TEXAS:

Section 1. That the City of Odessa, Texas, Water Conservation / Drought Contingency Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City and shall be on file with the Director of Utilities and the Odessa City Secretary and available for public inspection.

Section 2. That all ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

Section 3. That nothing contained in this ordinance shall in any manner whatsoever change, alter or otherwise affect the commission of or punishment for any offense, crime or act committed or done prior hereto, or any penalty or forfeiture incurred, or any prosecution whatsoever, or any suit or other proceedings pending, or any judgment rendered on or before the passage and publication of this ordinance, nor shall anything herein change, alter or otherwise affect any cause of action, contract or right established or occurring to the City or to any person, association or corporation, or any contract or obligation by or in favor of the City before same.

Section 4. If any section, subsection, sentence, clause, or phrase herein is for any reason held to be unconstitutional, void or invalid, the validity of the remaining portions of same shall not be affected thereby, it being the intent of the City Council in passing and adopting this ordinance that no portion hereof or provisions or regulations contained herein, shall become inoperative or fail by reason of the unconstitutionality or invalidity of any other section, subsection, sentence, clause, phrase, portion, provision or regulation.

Section 5. That any person violating the provisions of this ordinance shall be deemed guilty of a misdemeanor and shall be punished by a fine not exceeding \$2,000.00 as provided in Section 1-1-9, "General Penalty", Odessa City Code, which section is adopted by reference and made a part hereof.

Section 6. That the City Secretary is hereby directed to effect such publication as may be required by law in connection with the passage of this ordinance.

Section 7. That this ordinance shall go into effect five (5) days after its publication as required by the City Charter.

The foregoing ordinance was first approved on the 25th day of October, A.D., 2016, by the following vote:

Amye McNeil	ABSENT
Dewey Bryant	AYE
Barbara Graff	AYE
Michael Gardner	AYE
Filiberto Gonzales	AYE

The foregoing ordinance was adopted on second and final approval on the 8th day of November, A.D., 2016, by the following vote:

Amye McNeil	AYE
Dewey Bryant	AYE
Barbara Graff	AYE
Michael Gardner	AYE
Filiberto Gonzales	AYE

Approved this the 8th day of November, A.D., 2016.

David R. Turner, Mayor

ATTEST:

Norma Aguilar-Grimaldo, City Secretary

APPROVED AS TO FORM:



Larry Long, City Attorney

**CITY OF ODESSA
WATER CONSERVATION
AND
DROUGHT CONTINGENCY PLAN**

SECTION 1 – INTRODUCTION

The Water Conservation and Drought Contingency Plan (Plan) for the City of Odessa is established in accordance with the requirements of Title 30, Texas Administration Code, Chapter 288 and submitted to the Texas Commission on Environmental Quality. This document will be used by the City of Odessa in its water conservation efforts and to address various levels of water shortages.

The Plan is adopted by Ordinance of the City of Odessa.

SECTION 2 – ADMINISTRATION

The Director of Utilities is designated as the Administrator for the implementation and enforcement of the City of Odessa Water/Conservation and Drought Contingency Plan and is authorized to adopt any necessary administrative regulations and interpret and enforce the requirements of the Plan.

SECTION 3 – SERVICE AREA

The service area for the City of Odessa is within the Region F water planning area. A copy of this Plan has been provided to the Region F Planning Group.

SECTION 4 – APPLICATION

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Odessa as treated by the Water Treatment Plant or provided as un-treated raw water delivered through the Colorado River Municipal Water District (CRMWD) transmission system. Other water sources, such as private wells or reclaimed water, as provided by the City of Odessa's Bob Derrington Plant are outside of the scope of this plan. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

SECTION 5 – WATER CONTRACTS

A. Wholesale Water Contracts

All contracts for the sale of water which are entered into, extended, or renewed after the adoption of this Plan will require the wholesale customer to develop, adopt and implement a water conservation plan which satisfies the requirements set by the State of Texas and this

City's Plan. Wholesale water contracts shall prohibit the resale of water to other public water utilities.

B. Other Water Contracts

Contracts with other public utilities, industrial districts, or customers outside the City limits will include provisions requiring the customers served by these contracts to meet the requirements of the City's Water Conservation and Drought Contingency Program.

SECTION 6 – DEFINITIONS

For the purposes of this Plan, the following definitions shall apply:

Administrator: Director of Utilities or his/her designee.

Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: any person, company, entity, or organization using water supplied by the City of Odessa.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, rights-of-way and medians.

Non-essential water use: water uses that are neither essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields and golf courses, except as otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;

- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than fire fighting.

Reclaimed Water: Wastewater effluent treated and discharged from the Bob Derrington Water Reclamation Plant intended for effluent reuse as defined by the TCEQ.

SECTION 7 – WATER CONSERVATION PLAN

I. INTRODUCTION

This 2016 revision of the City of Odessa Water Conservation Plan (Plan) establishes water conservation measures, encourages water customers to conserve available water supplies, and monitors the effectiveness of the Plan. The Plan is submitted to the Texas Water Development Board as required by Section 13.146 of the Texas Water Code.

II. SYSTEM PROFILE

A. SOURCE WATER

The City of Odessa receives all of its water, untreated, from the CRMWD. The majority of the water is surface water from Lake Ivie. Other surface water sources include Lake Thomas and Lake Spence when available. When needed, well water can be delivered to supplement surface water supplies. Most well water is received from Ward County wells with minimal amounts contributed from wells in Ector and Martin Counties.

The City does not operate any reservoirs or develop any of its source water. Under the contract with CRMWD, CRMWD is responsible for providing the needed water resources for Odessa.

B. WATER TREATMENT

The City of Odessa operates a conventional water treatment plant using coagulation, flocculation, sedimentation, filtration, disinfection and pH adjustment for treatment of the surface water. The plant's rated capacity is 55 MGD.

The maximum daily volume of water treated since 2000 has not exceeded 40 MGD. The plant capacity is sufficient under current projections to exceed 20 years.

C. WATER SERVICE POPULATION CHARACTERISTICS.

The City of Odessa provides potable water to customers inside the city limits as well as the Ector County Utility District, several industrial districts, and by contract to individual customers outside the city limits. In 2015, the estimated population served by Odessa's public water system was 155,578.

The following is a summary of the accounts served according to customer classification:

Single Family	33,094
Multi-Family	340
Commercial	3,600
Industrial	18
Wholesale Customer	1

D. WASTEWATER TREATMENT

Odessa provides wastewater treatment to its citizens, several industrial district customers, and by individual contracts to customers outside the city limits. Approximately 2.5 MGD of untreated wastewater is provided to the Gulf Coast Authority industrial wastewater treatment plant to assist in the treatment of their wastewater. This wastewater is diverted directly from the wastewater collection system. All other wastewater flow is treated at the Bob Derrington Water Reclamation Plant through extended aeration and single stage nitrification treatment processes. This treatment is followed by clarification, disinfection and filtration. Treated water is either discharged to the Monahans Draw under the conditions of TCEQ Wastewater Discharge Permit No. WQ10238-002 or distributed to reuse customers. Sludge produced by the treatment process is dewatered and taken to the landfill for final disposal.

The treatment plant is rated at 12.7 MGD. The plant currently receives between 5.5 to 7.0 MGD dry weather flow rates; therefore, treatment capacity is not an issue.

E. ECTOR COUNTY UTILTY DISTRICT (ECUD)

The City of Odessa has provided water to ECUD since approximately 1976. A Master meter has been installed and meters flow to ECUD as a wholesale customer. Tracking of water is based on an automated meter infrastructure. The City provides metering and billing services to ECUD.

III. WATER REDUCTION GOALS

A. GALLONS PER CAPITA PER DAY (gpcd) REDUCTION

The currently required method for computing and tracking usage is gallons-per-capita-per-day (gpcd). The City of Odessa will strive to reduce the gpcd usage by 0.5 gpcd each year for the next 10 years. The beginning gpcd baseline, established in 2015 (95.5 gpcd) is based on the average gpcd for the last 5 years. This projection may have to be adjusted based on new or changing industrial users or population, trends in weather, or available water resources.

B. WATER LOSS REDUCTION

Over the next 10 years, the City will strive to maintain its calculated water loss at less than 12%.

IV. BEST MANAGEMENT IMPLEMENTATION SCHEDULE

Description	Currently Implemented	Improve Existing Program	Implement by 2010	Implement by 2015	Implement by 2020
System Water Audit and Water Loss	√				
Water Conservation Pricing	√				
Addressing Nonpayment and Theft Issues	√				
Prohibition of Wasting Water	√				
School Education	√				

Section 6.E – Implementation of Water Plans Attachment

2016 Region F Water Plan

Volume I Main Report

Freese and Nichols, Inc.

LBG - Guyton Associates, Inc.



Volume I –Region F Water Plan

EXECUTIVE SUMMARY.....	ES-1
Chapter 1 Description of the Region	1-1
1.1 Introduction to Region F.....	1-1
1.1.1 Economic Activity in Region F	1-6
1.1.2 Water-Related Physical Features in Region F	1-12
1.2 Current Water Uses and Demand Centers in Region F	1-18
1.3 Current Sources of Water	1-24
1.3.1 Surface Water Sources.....	1-26
1.3.2 Groundwater Sources	1-29
1.3.3 Springs in Region F	1-34
1.4 Agricultural and Natural Resources in Region F.....	1-39
1.4.1 Endangered or Threatened Species	1-39
1.4.2 Agriculture and Prime Farmland	1-42
1.4.3 Mineral Resources.....	1-46
1.5 Water Providers in Region F	1-46
1.5.1 Wholesale Water Providers	1-46
1.5.2 Retail Water Sales	1-49
1.6 Existing Plans for Water Supply Development.....	1-50
1.6.1 Conservation Planning in Region F.....	1-51
1.6.2 Water Loss Audits	1-52
1.6.3 Assessment of Current Preparations for Drought in Region F.....	1-53
1.6.4 Other Water-Related Programs	1-54
1.7 Summary of Threats and Constraints to Water Supply in Region F.....	1-56
1.7.1 Threats to Water Supply	1-56
1.7.2 Constraints	1-62
1.8 Water-Related Threats to Agricultural and Natural Resources in Region F.....	1-62
1.8.1 Water Related Threats to Agriculture.....	1-63
1.8.2 Water Related Threats to Natural Resources	1-63
Chapter 2 Population and Water Demands.....	2-1
2.1 Introduction.....	2-1
2.2 Population Projections.....	2-2
2.3 Historical and Projected Water Demands	2-4

2.3.1	Municipal Water Demand Projections.....	2-11
2.3.2	Manufacturing Projections	2-14
2.3.3	Irrigation Projections.....	2-16
2.3.4	Steam Electric Power Generation	2-20
2.3.5	Mining Projections	2-21
2.3.6	Livestock Watering.....	2-23
2.4	Wholesale Water Providers.....	2-25
2.4.1	Colorado River Municipal Water District (CRMWD)	2-25
2.4.2	Brown County Water Improvement District No. 1 (BCWID).....	2-25
2.4.3	The Upper Colorado River Authority (UCRA)	2-27
2.4.4	The Great Plains Water Supply System.....	2-28
2.4.5	The City of Odessa	2-29
2.4.6	The City of San Angelo	2-29
2.4.7	University Lands	2-30
Chapter 3	Water Supply Analysis	3-1
3.1	Groundwater Supplies.....	3-2
3.1.1	Overview of Groundwater Regulation in Texas and Region F	3-2
3.1.2	Existing Groundwater Supplies	3-4
3.1.3	Edwards-Trinity (Plateau) Aquifer.....	3-14
3.1.4	Edwards-Trinity (High Plains) Aquifer	3-20
3.1.5	Ogallala Aquifer.....	3-20
3.1.6	Pecos Valley Aquifer.....	3-21
3.1.7	Trinity Aquifer	3-22
3.1.8	Dockum Aquifer	3-23
3.1.9	Hickory Aquifer	3-25
3.1.10	Lipan Aquifer	3-26
3.1.11	Ellenburger-San Saba Aquifer	3-27
3.1.12	Marble Falls Aquifer	3-28
3.1.13	Rustler Aquifer	3-29
3.1.14	Capitan Reef Aquifer	3-30
3.1.15	Blaine Aquifer.....	3-31
3.1.16	Groundwater Local Supplies (Other Aquifer).....	3-32
3.2	Existing Surface Water Supplies.....	3-32

3.2.1	Description of Major Reservoirs	3-33
3.2.2	Available Surface Water Supply	3-39
3.2.3	Surface Water Local Supplies	3-41
3.3	Reuse Water Supplies	3-41
3.4	Water Quality	3-43
3.4.1	Groundwater Quality	3-43
3.4.2	Surface Water Quality	3-45
3.4.3	Advanced Treatment.....	3-45
3.5	Currently Available Supplies for Water User Groups	3-47
3.6	Currently Available Supplies for Wholesale Water Providers	3-50
Chapter 4	Identification of Water Needs.....	4-1
4.1	Introduction	4-1
4.2	First Tier Water Needs Analysis.....	4-2
4.2.1	First Tier Water Needs for Water User Groups.....	4-4
4.2.2	Summary of First Tier Water Needs	4-9
4.3	Second Tier Water Needs Analysis.....	4-10
4.3.1	Summary of Second Tier Water Needs	4-10
4.4	Third Tier Water Needs Analysis	4-10
4.4.1	Summary of Third Tier Water Needs	4-11
Chapter 5	Water Management Strategies.....	5-1
Subchapter 5A	Identification and Evaluation of Water Management Strategies	5A-1
5A.1	Identification of Potentially Feasible Strategies	5A-1
5A.1.1	Strategies Deemed Infeasible in Region F.....	5A-2
5A.1.2	Potentially Feasible Strategies in Region F	5A-3
	Water Conservation	5A-3
	Wastewater Reuse	5A-4
	Expanded Use of Existing Supplies.....	5A-4
	Subordination of Downstream Senior Water Rights	5A-4
	System Operation	5A-5
	Conjunctive Use of Groundwater and Surface Water	5A-5
	Water Quality Improvements	5A-5
	Voluntary Redistribution.....	5A-6

5A.1.3	New Supply Development.....	5A-6
	Surface Water Development	5A-6
	Groundwater Development.....	5A-7
	Brush Control	5A-8
	Desalination	5A-8
	Aquifer Storage and Recovery (ASR).....	5A-9
5A.1.4	Precipitation Enhancement.....	5A-9
5A.1.5	Summary of Potentially Feasible Strategies.....	5A-9
5A.2	Strategy Development	5A-10
5A.3	Strategy Evaluation Criteria	5A-11
Subchapter 5B	Water Conservation	5B-1
5B.1	Municipal Conservation	5B-2
5B.1.1	Identification of Potentially Feasible Conservation BMPS.....	5B-3
	Selected Strategies for Entities under 20,000	5B-4
	Selected Strategies for Entities over 20,000.....	5B-4
5B.1.2	Recommended Municipal Conservation Strategies	5B-5
	Education and Outreach	5B-5
	Water Audits and Leak Repair	5B-5
	Rate Structure	5B-5
	Water Waste Ordinance	5B-6
	Landscape Ordinance (Population over 20,000).....	5B-6
	Time of Day Watering Limit (Population over 20,000)	5B-6
5B.1.3	Municipal Conservation Summary	5B-6
5B.2	Agricultural Water Conservation	5B-9
5B.3	Mining Water Conservation	5B-12
5B.4	Steam Electric Power Conservation.....	5B-15
5B.5	Water Conservation Plans.....	5B-17
5B.6	Other Water Conservation Recommendations.....	5B-19
5B.7	Water Conservation Summary	5B-19
Subchapter 5C	Regional Water Management Strategies	5C-1
5C.1	Subordination of Downstream Senior Water Rights.....	5C-1
5C.2	General Water Management Strategies.....	5C-7

5C.2.1	Brush Control	5C-7
5C.2.2	Weather Modification.....	5C-9
Subchapter 5D	Wholesale Water Providers.....	5D-1
5D.1	Brown County WID #1	5D-1
	Municipal Conservation	5D-2
	Subordination	5D-3
	Brush Control	5D-3
	Groundwater development	5D-3
	BCWID #1 Water Management Plan Summary	5D-4
5D.2	Colorado River Municipal Water District (CRMWD)	5D-5
	Conservation	5D-9
	Subordination	5D-9
	Ward County Well Field Expansion and Development of Winkler County Well Field	5D-10
	Aquifer Storage and Recovery (ASR) of Existing Surface Water Supplies.....	5D-10
	Desalination of Brackish Surface Water (CRMWD Diverted Water System)	5D-10
	CRMWD Water Management Plan Summary	5D-11
5D.3	Odessa	5D-12
	Municipal Conservation	5D-16
	Subordination	5D-16
	Additional Supplies from CRMWD	5D-16
	New Reverse Osmosis Treatment Facility.....	5D-16
	City of Odessa Water Management Plan Summary	5D-17
5D.4	Great Plains Water Supply System, Ltd.	5D-18
5D.5	San Angelo	5D-19
	Municipal Conservation	5D-22
	Subordination	5D-22
	Brush Control	5D-22
	Direct and/or Indirect Reuse for Municipal Use	5D-23
	Desalination of Other Aquifer Supplies in Tom Green County	5D-23
	Hickory Aquifer Well Field Expansion in McCulloch County	5D-24
	West Texas Water Partnership	5D-24
5D.6	Upper Colorado River Authority (UCRA).....	5D-27
	Purchase water from San Angelo (Voluntary Transfer)	5D-28

Brush Control within O.H. Ivie watershed	5D-29
5D.7 University Lands	5D-30

Subchapter 5E County Water Management Plans 5E-1

5E.1 Andrews County	5E-1
5E.2 Borden County	5E-7
5E.3 Brown County	5E-8
5E.4 Coke County	5E-11
5E.5 Coleman County	5E-18
5E.6 Concho County	5E-20
5E.7 Crane County	5E-22
5E.8 Crockett County	5E-23
5E.9 Ector County	5E-27
5E.10 Glasscock County	5E-30
5E.11 Howard County	5E-31
5E.12 Irion County	5E-36
5E.13 Kimble County	5E-39
5E.14 Loving County	5E-42
5E.15 Martin County	5E-43
5E.16 Mason County	5E-48
5E.17 McCulloch County	5E-49
5E.18 Menard County	5E-54
5E.19 Midland County	5E-57
5E.20 Mitchell County	5E-64
5E.21 Pecos County	5E-67
5E.22 Reagan County	5E-70
5E.23 Reeves County	5E-71
5E.24 Runnels County	5E-74
5E.25 Schleicher County	5E-79
5E.26 Scurry County	5E-80
5E.27 Sterling County	5E-85
5E.28 Sutton County	5E-86
5E.29 Tom Green County	5E-89
5E.30 Upton County	5E-93
5E.31 Ward County	5E-95

5E.32	Winkler County.....	5E-97
5E.33	Unmet Needs Summary.....	5E-99
Chapter 6	Impacts of the Regional Water Plan.....	6-1
6.1	Introduction.....	6-1
6.2	Potential Impacts of Water Management Strategies on Key Water Quality Parameters.....	6-2
6.2.1	Water Conservation	6-3
6.2.2	Reuse of Treated Wastewaters.....	6-3
6.2.3	Subordination.....	6-4
6.2.4	Voluntary Transfers.....	6-4
6.2.5	Conjunctive Use	6-5
6.2.6	New and/or Expanded Supply Development.....	6-5
6.2.7	Desalination (Advanced Treatment)	6-6
6.2.8	Aquifer Storage and Recovery	6-6
6.2.9	Brush Control	6-6
6.2.10	Precipitation Enhancement.....	6-7
6.3	Impacts of Moving Water from Rural and Agricultural Areas	6-7
6.4	Socio-Economic Impacts of Not meeting Water Needs.....	6-8
6.5	Other Potential Impacts.....	6-8
6.6	Consistency with the Protection of Water Resources	6-9
6.6.1	Water Conservation	6-13
6.6.2	Wastewater Reuse	6-13
6.6.3	Subordination of Downstream Water Rights.....	6-14
6.6.4	Voluntary Transfers.....	6-14
6.6.5	Conjunctive Use	6-14
6.6.6	New or Expanded Use of Groundwater	6-14
6.6.7	Desalination	6-15
6.6.8	Aquifer Storage and Recovery (ASR).....	6-15
6.6.9	Brush Control	6-15
6.6.10	Precipitation Enhancement.....	6-15
6.7	Consistency with Protection of Agricultural Resources	6-15
6.8	Consistency with Protection of Natural Resources	6-16
6.8.1	Threatened/Endangered Species	6-17
6.8.2	Parks and Public Lands	6-17
6.8.3	Energy Reserves	6-17

6.9	Consistency with Protection of Public Health and Safety	6-18
6.10	Consistency with Economic Development	6-19
6.11	Consistency with State Water Planning Guidelines.....	6-19
6.12	Summary of the Protections of the State’s Resources	6-20
Chapter 7	Drought Response Information, Activities, and Recommendations.....	7-1
7.1	Drought Conditions and Drought of Records	7-2
7.1.1	Drought of Record in Region F	7-3
7.2	Impacts of Drought on Water Supplies.....	7-7
7.2.1	Current Drought Preparations and Response	7-8
7.2.2	Drought Preparedness	7-8
7.3	Existing and Potential Emergency Interconnects	7-10
7.3.1	Existing Emergency Interconnects	7-11
7.3.2	Potential Emergency Interconnects	7-11
7.4	Emergency Responses to Local Drought Conditions or Loss of Municipal Supply.....	7-12
7.4.1	Emergency Responses to Local Drought Conditions.....	7-12
7.5	Region Specific Drought Response Recommendations and Model Drought Contingency Plans	7-16
7.5.1	Drought Trigger Conditions for Surface Water Supply	7-16
7.5.2	Drought Trigger Conditions for Run-of-River and Ground Water Supply	7-19
7.5.3	Model Drought Contingency Plans	7-21
7.6	Drought Management Water Management Strategies	7-21
7.7	Other Drought Recommendations.....	7-21
7.7.1	Texas Drought Preparedness Council and Drought Preparedness Plan	7-21
7.7.2	Other Drought Recommendations.....	7-22
Chapter 8	Unique Stream Segments, Reservoir Sites, and Legislative Recommendations.....	8-1
8.1	Recommendations for Ecologically Unique River and Stream Segments	8-1
8.2	Recommendations for Unique Sites for Reservoir Construction	8-5
8.3	Policy and Legislative Recommendations	8-5
8.3.1	Surface Water Policies	8-6
8.3.2	Groundwater Policies	8-6
8.3.3	Environmental Policies	8-7
8.3.4	Instream Flows	8-7
8.3.5	Interbasin Transfers	8-8

8.3.6	Uncommitted Water	8-8
8.3.7	Brush Control	8-8
8.3.8	Desalination	8-9
8.3.9	Weather Modification	8-9
8.3.10	Water Quality	8-9
8.3.11	Municipal Conservation	8-10
8.3.12	Reuse	8-11
8.3.13	Conjunctive Use	8-11
8.3.14	Groundwater Conservation Districts	8-11
8.3.15	Oil and Gas Operations	8-12
8.3.16	Electric Generation Industry	8-12
8.4	Regional Planning Process	8-13
8.4.1	Funding	8-13
8.4.2	Planning Schedule	8-14
8.4.3	Frequency of State Water Plan Development	8-14
8.4.4	Allow Waivers of Plan Amendments for Entities with Small Strategies	8-15
8.4.5	Coordination between TWDB and TCEQ Regarding Use of the WAMs for Planning	8-15
8.4.6	Allow Groundwater Supplies in the Regional Water Plans to exceed the Modeled Available Groundwater (MAG) with GCD Approval	8-15
8.4.7	Allow Adjustments of MAG Values Across River Basins and County Boundaries with GCD Approval	8-15
8.4.8	Expand Consistency with the State Water Plan for SWIFT Funding to Include Adopted Regional Water Plans	8-16
8.5	Summary of Recommendations	8-16
Chapter 9	Infrastructure Funding Recommendations	9-2
9.1	State Water Planning Funding	9-2
9.1.1	State Participation Program (SP)	9-2
9.1.2	Rural and Economically Distress Areas (EDAP)	9-3
9.1.3	State Water Implementation Fund for Texas (SWIFT)	9-3
9.2	Infrastructure Financing Survey	9-3
9.3	Summary of Responses to Surveys	9-5
Chapter 10	Public Participation and Plan Adoption	10-1
10.1	Regional Water Planning Group	10-1

10.2 Outreach to Water Suppliers, Water User Groups and Adjacent Regions.....	10-3
10.3 Outreach to the Public	10-3
10.4 Public Meetings and Public Hearings	10-3
10.5 Comments from State and Federal Agencies.....	10-4
10.6 Comments from Water Providers.....	10-4
10.6.1 Andrews	10-4
10.6.2 Brady	10-4
10.6.3 Bronte.....	10-5
10.6.4 Brownwood.....	10-5
10.6.5 Concho Rural Water Corporation	10-5
10.6.6 Mason.....	10-5
10.6.7 Midland County-Other	10-5
10.6.8 Robert Lee	10-5
10.7 Plan Implementation Issues.....	10-6
10.7.1 Financial Issues.....	10-6
10.7.2 Additional Water Rights Studies in the Colorado Basin	10-6
10.7.3 Water Conservation	10-6
10.7.4 Groundwater Issues.....	10-7
 Chapter 11 Implementation and Comparison to Previous Regional Water Plan	11-1
11.1 Introduction.....	11-1
11.2 Differences Between Previous and Current Regional Water Plan	11-1
11.2.1 Water Demand Projections.....	11-1
11.2.2 Drought of Record and Hydrologic Modeling Assumptions	11-3
11.2.3 Groundwater and Surface Water Availability	11-5
11.2.4 Existing Water Supplies of Water Users.....	11-8
11.2.5 Identified Water Needs.....	11-9
11.2.6 Recommended and Alternative Water Management Strategies	11-11
11.3 Implementation of Previously Recommended Water Management Strategies.....	11-15
11.3.7 City of Eden	11-16
11.3.8 City of Midland	11-16
11.3.9 CRMWD	11-16
11.3.10 City of San Angelo	11-16
11.4 Conclusion	11-17

5B.1.2 Recommended Municipal Conservation Strategies

Published reports and previous studies were used to refine the description for the selected BMPs, including the potential water savings and costs. Water savings for some BMPs are difficult to estimate since there is little data for an extended time period. Also, most entities tend to implement a suite of strategies at the same time, which makes it difficult to estimate the individual water savings. These factors were considered in developing the assumptions defined below for each BMP. As more data becomes available through more rigorous water use tracking, the ability to estimate water conservation savings will improve.

Education and Outreach

Local officials would offer water conservation education to schools, civic associations, include information in water bills, provide pamphlets and other materials as appropriate. It was assumed that the education outreach programs would be needed throughout the planning period to maintain the water savings. It was assumed that education and outreach would save 2 percent of the total water demands. Per person costs were based on data obtained from municipalities and water providers. The costs for entities with populations less than 20,000 are greater on a per person basis than for the larger cities.

Water Audits and Leak Repair

Local officials would perform a water audit system wide and create a program of leak detection and repair including infrastructure replacement as necessary. It was assumed that 20 percent of an entity's losses could be recovered through a water audit and leak repair program, and that the leak detection and repair program would be an ongoing activity to maintain the level of water loss reductions. This strategy was considered for all cities with greater than or equal to 15 percent losses and WSCs with losses greater than or equal to 25 percent. If no water loss data was available, this strategy was considered for an entity with a gpcd over 140. A constant 5 percent savings rate was assumed until an entity's gpcd was equal to 140. Costs were estimated at \$10 per person per year.

Rate Structure

Local officials would implement an increasing block rate structure where the unit cost of water increases as consumption increases. Increasing block rate structures discourage the inefficient use or waste of water. Many cities already have a non-promotional rate structure. This strategy assumes that the entity adopts a higher level of a non-promotional rate structure. It is assumed that increasing block rates would save 6,000 gallons per household per year and that 10 percent of the households would respond to this

Submittal

I, NO SUBMITTED NAME ENTERED, as the designated authorized representative of the Ector County UD, hereby approve and authorize the submission of this project information form to the Texas Water Development Board. I certify that all information contained herein is true and correct to the best of my knowledge. I understand the failure to submit a complete project information form by the stated deadlines may result in the withdrawal of the form without review.

Submitted by: NO SUBMITTED NAME ENTERED

Telephone Number: NO SUBMIT PHONE NUMBER ENTERED

Submitted date: NO SUBMIT DATE ENTERED