

**Environmental Report (ER)**  
**Village of Vinton**  
**Proposed Water System Improvements**

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**ENVIRONMENTAL REPORT (ER)**  
**FOR THE**  
**VILLAGE OF VINTON**  
**PROPOSED WATER SYSTEM IMPROVEMENTS PROJECT**

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**Executive Summary**

This Environmental Report (ER) was prepared in accordance with USDA-RUS Bulletin 1794A-602, "Guide for Preparing the Environmental Report for Water and Environmental Program Proposals" (revised March 2008) as required by the National Environmental Policy Act (NEPA) and the United States Department of Agriculture Rural Development (USDA-RD) to support the USDA-RD environmental review process.

The Village of Vinton (Vinton) is located in west Texas on East Vinton Road between Interstate 10 and Texas Highway 20, 18 miles north of El Paso, TX and 29 miles south of Las Cruces, NM. Vinton is located approximately 12 miles north of the United States/Mexico border. The location of the proposed project and area of potential effect (APE) is shown in Figures 1 through 3.

**1.0 Purpose and Need**

**1.1 Project Description**

The proposed action alternative includes the installation of new infrastructure and improvement of the existing water system in Vinton. The objective of the proposed project is to increase the reliability of the water system within Vinton. To this end, approximately 4,300 linear feet of 6-inch, 5,900 linear feet of 8-inch and 25,700 linear feet of 12-inch waterlines will be installed. In addition to the installation of waterlines, approximately 50 fire hydrants, 2 pressure reducing valves and approximately 160 water service connections will also be installed. The removal and replacement of hot mix asphalt concrete (HMAC) over the width of any waterline trenches that cross roads, testing, dewatering, trench safety and traffic control are also proposed as part of the action alternative.

**1.2 Purpose and Need of the Proposed Action**

Vinton currently lacks a suitable water supply system and is presently utilizing Certificate of Convenience and Necessity (CCN) systems which include private water systems and private wells throughout most of Vinton. El Paso Water Utilities (EPWU) currently serves the remaining portion of Vinton. Other than the portion of Vinton which is being served by EPWU, Vinton does not have adequate water pressure or enough flow to meet potential fire demands.

There are currently four (4) installed public waterlines that were constructed to meet EPWU standards. Two (2) are owned by Vinton and are located on Holguin Road and Danny Boy Lane while two (2) are owned by EPWU and are located on Kiely Road and Vinton Road. EPWU currently operates and maintains all four (4) of the waterlines listed above. The waterlines on Holguin Road and Danny Boy Lane will be turned over to EPWU upon Vinton paying off existing debt associated with the construction of these lines.



The two current public water systems, Hillside Water Works and Vinton Hills Alegre, do not have enough capacity to meet the fire flow demands of their current subdivisions. Upon the acquisition of these two (2) public water systems by Vinton, the line sizes will not meet EPWU standards and will have to be upgraded. At the present time, the Texas Commission on Environmental Quality (TCEQ) database for public water systems reports no violations relating to water pressure. However, there is currently not enough flow to meet fire flow demands and there have been numerous other TCEQ violations noted for the Hillside Water Works water system. By removing these water systems and serving these areas with water supplied by EPWU, the quality of water issues would be eliminated. These areas would also benefit from higher water pressures and have the fire demand needed during any fire emergencies.

Additionally, the proposed project will be designed for the projected future population growth within Vinton’s current village limits. The Texas Water Development Board (TWDB) population projections were the original basis of the population projections for the previously prepared feasibility report and the TWDB population growth is summarized in the following table:

TWDB Population Projections						
Year	2010	2020	2030	2040	2050	2060
Population	3,708	5,769	7,578	9,138	10,698	12,258

According to the 2010 Census, the actual population of Vinton is 1,971. The TWDB population projections predict extensive growth potential. However, these projections are obviously overstated and a growth constraint based on available vacant residential land within the current village limits was used by Vinton to bring the TWDB population projections closer to estimated build-out conditions. Using estimated build-out conditions, Vinton will have a population of 7,039 people by 2040.

This proposed project will bring approximately 160 new residential and commercial connections. The five (5) areas Vinton has identified for annexation total approximately 151 acres. This land has been identified as residential, industrial, manufacturing and commercial. Of the approximately 151 acres, 61 acres are identified as being residential, 16 acres are identified as being manufacturing, 48 acres are identified as being industrial and the remaining 7 acres are identified as commercial. Based on an approximate 25% loss for roadways and 1/3<sup>rd</sup> acre lots, the residential property will add approximately 138 new customers. The residential projections are based on the assumption that sewer service in the area will be available. The area identified for manufacturing will be subdivided into 2 – 8 acre lots for a total of two (2) new customers. The area identified for industrial will be subdivided into 4 – 12 acre lots for a total of four (4) new customers. The remaining 7 acres identified as commercial will be subdivided into 7 – 1 acre lots for a total of seven (7) new customers. With all of these areas at full build-out, approximately 151 new customers will be added. Including the approximate 160 service connection this proposed project will bring, a total of 311 connections will be available to support this proposed project.

Additionally, the existing facilities will be enough to supply Vinton with water demand and fire flow demands upon the completion of the proposed infrastructure. However, Vinton is currently in negotiations with an Engineering Consultant in the design of a new 1,000,000 gallon ground

storage tank and site piping. This tank will provide storage capacity to accommodate the projected growth for Vinton.

## **2.0 Alternatives Considered**

There are two (2) alternatives being considered for this project with only one alternative able to help Vinton obtain their goal of providing a secure, safe and reliable water system for its customers along with upgrading current infrastructure and extending fire suppression capabilities. The recommended alternative is modest in design, size and cost, could be phased to accommodate available funding and would be constructed and operated in an environmentally responsible manner. The alternatives considered are as follows:

Alternative A: No Action

Alternative B: Installation of Waterline and Appurtenances (Recommended)

### **2.1 Alternative A – No Action**

#### *2.1.1 Description*

This alternative includes taking no action on any of the needs described in this ER. It would result in the continuation of the existing daily operation of the current Vinton water systems which are inadequate for fire flow demand and projected population growth.

#### *2.1.2 Design Criteria*

The no action alternative does not have any design criteria.

#### *2.1.3 Land Requirements*

The no action alternative does not have any additional land requirements.

### **2.2 Alternative B – Installation of Waterline and Appurtenances (Recommended)**

#### *2.2.1 Description*

This alternative addresses the need for water system improvements for Vinton with the installation of a new water delivery system and is the recommended alternative.

#### *2.2.2 Design Criteria*

Alternative B will include the installation of 4,300 linear feet of 6-inch, 5,900 linear feet of 8-inch and 25,700 linear feet of 12-inch waterlines. In addition to the installation of waterlines, approximately 50 fire hydrants, 2 pressure reducing valves and approximately 160 water service connections will also be installed. The removal and replacement of hot mix asphalt concrete (HMAC), testing, dewatering, trench safety and traffic control are also part of the proposed Alternative B.

#### *2.2.3 Land Requirements*

The location of the proposed project and APE of Alternative B is shown in Figures 1 through 3 and includes both residential and commercial properties. The proposed waterline will tie into an existing EPWU line located at the intersection of Vinton Road and Border Steel Road.

Approximately 2,600 linear feet of the waterline will follow Border Steel Road towards the north until it meets up with the East Frontage Road of Interstate 10. The proposed waterline will follow the frontage road northward to the intersection of the frontage road and Valley Chile Road. The proposed waterline will then follow Valley Chile Road westward to Doniphan Drive where the line will turn southward and follow the eastern edge of Doniphan Drive. The proposed waterline will continue south to the intersection of Doniphan Drive and Chicken Farm Road and will tie into an existing EPWU waterline.

There are three other smaller areas located within the village boundaries of Vinton that are included as part of the proposed project and will have new infrastructure added. These locations are identified as the east side of the 8100 Block of Doniphan Drive (1,500 linear feet of 6-inch waterline), Hemley Road (2,750 linear feet of 8-inch waterline) and Chicken Farm Road (2,250 linear feet of 6-inch waterline). There is also one area that is scheduled to have 2,500 linear feet of 8-inch waterline installed at the southern end of Kiely Road. This area is currently outside of the village boundaries of Vinton but will provide the necessary looping to address the two pressures zones on Chicken Farm Road and it is included in Vinton's annexation plans.

### **3.0 Affected Environment / Environmental Consequences**

#### **3.1 Land Use/Important Farmland/Formally Classified Lands**

##### *3.1.1 Affected Environment*

Vinton is located in far west Texas and is situated in the Chihuahuan desert at an elevation of approximately 3,800 feet. Vinton is a small community approximately 2.4 square miles in size, containing residential, commercial, industrial and agricultural development. According to the 2010 Census, Vinton's population is 1,993 residents. The topography is considered to be high desert. Vinton lies at the extreme west of the toe slopes and drainages of the Franklin Mountains, which lie approximately 4½ miles to the east. The Rio Grande River flows southward along the western edge of the village limits and the majority of the flood plain of the Rio Grande lies on the western side of the Rio Grande. Vinton is interspersed with west-trending natural and man-made drainages and arroyos that empty into the Rio Grande.

There are no national landmarks, wilderness areas or wild and scenic rivers within or immediately adjacent to the APE. However, correspondence was initiated with the United States Department of the Interior, National Park Service (NPS), Intermountain Region, Denver, Colorado to request information or feedback regarding the proposed project. A copy of all correspondence with NPS is included in Appendices E1 & E2.

Correspondence was also initiated with the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), to request information or feedback regarding the proposed project. A copy of all correspondence with NRCS is included in Appendix E1.

On a local level, there are no building code or land use restrictions that would impact the proposed project.

##### *3.1.2 Environmental Consequences*

The majority of the APE has previously been disturbed by development and construction of

roads and utilities. The APE includes Vinton, State of Texas and Burlington Northern Santa Fe (BNSF) Railroad right-of-ways (ROWs), utility easements, municipal property and ROWs and one privately managed irrigation canal.

No important farmland, prime forestland or prime rangeland is located within the APE, nor will these areas be disturbed by the proposed project, either directly or indirectly.

### *3.1.3 Mitigation*

Mitigation measures do not apply to this environmental resource.

### *3.1.4 Best Management Practices*

All construction activities will be of a temporary nature. The new water lines will be buried to meet state and local building codes. Backhoes, trenchers, dump trucks and other heavy equipment may be used during construction to dig trenches, install pipe and cover pipe. While working within any obvious drainage areas, soil will be bermed on the up-gradient side of the open trench to divert any potential surface water away from the excavation. Following the completion of construction, the berm will be removed. To prevent erosion and sedimentation, ground surfaces will be restored to their original condition by grading and also by seeding with native plant species in previously undisturbed areas. Care will also be taken not to disturb, or to minimize disturbance, to cropland soil adjacent to construction work within the ROWs.

## **3.2 Floodplains**

### *3.2.1 Affected Environment*

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map panel 48021200258 (effective date September 27, 1991) for El Paso County, TX, the majority of the proposed waterlines will be constructed in areas determined to be in Zone X (outside the 500-year floodplain). However, some of the proposed project area falls within Zone A (Special flood hazard areas inundated by 100-year flood). These areas in Zone A are man-made ditches and naturally formed arroyos and drainages. Figure 3 illustrates the APE on the aforementioned FEMA map.

Correspondence was initiated with the FEMA Region VI office in Denton, Texas (included in Appendix E1), as well as the local flood coordinator in El Paso County (included in Appendix E1). Correspondence was also initiated with the United States Army Corps of Engineers (USACE) and TCEQ, and is included in Appendix E1. One area of wetlands was found within or near the APE. There are also periodic arroyos, drainages and ditches crossing the proposed project area. Crossing of the arroyos may require a Clean Water Act (CWA) Section 404 permit.

TCEQ has noted that under TCEQ Construction General Permit for Stormwater Discharges (TXR150000) Vinton is outside of a sensitive recharge zone but because the preferred action alternative will disturb more than 5 acres of land, the following measures are to be taken: development of a Storm Water Pollution Prevention Plan (SWPPP), posting a Site Notice, notification to the local drainage maintenance authority (“MS4”), and a “Notice of Intent” (NOI) is to be filed with TCEQ. Additionally, a Sediment Control Plan (SCP) may be required as well.

### *3.2.2 Environmental Consequences*

As currently proposed, portions of the water distribution system will transect a floodplain. However, the portion of the project that transects the floodplain will be located underground and should be not affected by flooding. Also, the proposed project does not significantly modify or alter the existing flood zone.

### *3.2.3 Mitigation*

Mitigation measures do not apply to this environmental resource.

### *3.2.4 Best Management Practices*

Project planning will ensure that the proposed construction is compatible with the floodplain areas. Proposed water system improvements will not affect the quantity of storm water within the project area and will be designed to permit the conveyance of 500-year flood events. While working within any obvious drainage areas, soil will be bermed on the up-gradient side of the open trench to divert any potential surface water away from the excavation. Following the completion of the excavation and reburial, the berm will be removed and no further attention should be required.

Additional measures will be incorporated into project design as recommended by FEMA and the Vinton Flood Coordinator.

## **3.3 Wetlands**

### *3.3.1 Affected Environment*

USDA NRCS indicates seven (7) different soil types occur in the APE. Three of these soils, Glendale silty clay loam, Harkey loam and Made land (Gila soil material), are considered hydric soils and may indicate the presence of wetlands. A search of the United States Fish and Wildlife Service (USFWS) Wetlands Online Mapper website was completed by Souder, Miller & Associates (SMA) and a 1.03 acre area defined as freshwater forested/shrub wetland is mapped within the APE. An on-site inspection by SMA revealed that the area is adjacent to the APE and there does appear to be wetland vegetation and features.

### *3.3.2 Environmental Consequences*

Due to the depth at which the planned waterline is to be buried, there should be very limited dewatering required in the area adjacent to the wetland and therefore no environmental consequences are expected.

### *3.3.3 Mitigation*

Mitigation measures do not apply to this environmental resource.

### *3.3.4 Best Management Practices*

In order to lessen the impact of the proposed construction on the wetland, Alternative B entails installing a 12-inch waterline adjacent to the wetland. However, the 12-inch waterline will be installed at a depth of 6 feet (5 feet of over-cover is required by EPWU) and will therefore reduce the amount of dewatering to occur on the wetland area. A general permit may be required for construction activities in accordance with the US Corps of Engineers Permit 404.



### **3.4 Historic Properties**

#### *3.4.1 Affected Environment*

To initially evaluate impacts to state or nationally registered historic properties within or immediately adjacent to the APE, background research was conducted and included accessing the Texas Historic Commission (THC) online Historic Site Atlas, as well as survey reports and site files online at THC's Restricted Cultural Resource Information (RCRI) database. These resources were examined in order to identify any previously recorded sites and past investigations within the vicinity of the project area. Aerial photographs, USGS 7.5 minute quads, geologic maps, and USDA soil survey maps were also examined prior to the field investigation. No previously recorded cultural resource sites were located within the proposed project area. However, the project is located within the Elephant Butte Irrigation District (EBID) Historic District.

Additionally, SMA contacted officials of all tribes having historic interest in the vicinity of the APE. SMA issued letters to the Comanche Indian Tribe, the Kiowa Tribe of Oklahoma, Ysleta del Sur Pueblo, Pueblo of Isleta, Navajo Nation, Fort Sill Apache Tribe of Oklahoma, White Mountain Apache Tribal Council and Mescalero Apache Tribe regarding their potential interest in the project. Copies of all tribal correspondence are provided in Appendices E1 & E2.

An archaeologist from SMA then conducted a 100% pedestrian survey of the proposed APE. The field survey, conducted over three days between November 2 & 4, 2011 under Antiquities Permit 6074, revealed no cultural resource sites in the APE. Please consult Appendix E4, which includes the entire cultural resources report for further details.

#### *3.4.2 Environmental Consequences*

No cultural remains were located during the survey. In addition, even though the project area is located in the EBID Historic District, no remains of the EBID irrigation system are present in the survey area and correspondence was initiated with THC as part of the overlapping proposed wastewater project. Based on the cultural resources survey and THC response (Appendix E2), cultural resource clearance for the proposed project is recommended.

#### *3.4.3 Mitigation*

In the unlikely event that cultural materials are encountered during construction, all work should cease at the location of the findings and an Archaeologist at the THC-Archaeology Division is to be contacted. In such a case, work will not commence until authorized by the required agencies and any findings will be evaluated for their significance relative to the Antiquities Code of Texas and Section 106 of the National Historic Preservation Act (NHPA).

#### *3.4.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

### **3.5 Biological Resources**

#### *3.5.1 Affected Environment*

A biologist from SMA conducted a records search and a field survey to catalog the possible biological impacts of the proposed project. With regard to habitat, the APE lies within areas that have either no vegetation (urban areas) or have mostly original native habitat (arroyos, fields and

wetlands) consisting of Chihuahuan Desert vegetation with large spaces of exposed top soil between shrubs in open fields.

The elevation within the APE ranges from approximately 3,780 to 3,800 feet above mean sea level. According to the National Resources Conservation Service, Soil Survey of El Paso, County Area, Texas (U. S. Department of Agriculture, 2009), soils within the APE include Bluepoint association, Harkey loam, Made land (Gila soil material), Delnorte-Canutillo association, Glendale silty clay loam, Water, Pajarito association and Agustin association.

During the course of the records search and the field survey, the following determinations were made:

- Based on the site evaluation and existing data, it has been determined that there will likely be no effects to federally endangered, threatened, and candidate species and their designated critical habitat as a result of the proposed project
- That no rare plants, as listed on the Texas Parks & Wildlife Department list of Endangered and Threatened Plants in Texas and the United States, were observed within the APE
- Salt cedar (*Tamarix* sp.) is a species on the USDA Invasive and Noxious Weed List that was observed in the APE
- Migratory birds may occur within the APE

### 3.5.2 Environmental Consequences

Based on the determinations and feedback from Agencies and because the project area is located in areas that have been previously disturbed, the proposed action is not expected to have any adverse or long-term impacts on biological resources. However, wildlife habitat may be temporarily disrupted during construction activities. Please consult Appendix E5, which includes the entire habitat report for further details on biological resources within the APE.

Correspondence was initiated with the United States Department of Interior, Fish and Wildlife Service (USFWS), Texas Parks and Wildlife and TCEQ. All correspondence is included in Appendices E1 & E2.

### 3.5.3 Mitigation

Most areas proposed for construction or waterline installation have been previously disturbed by past activities. Disturbed land surfaces resulting from waterline installation will be restored to essentially the same conditions as they were found. The use of native plant materials during restoration to provide vegetative cover for erosion control and aesthetics will be employed as much as possible.

Should nesting of a species protected under the Migratory Bird Treaty Act be identified in the construction zone, construction will be limited to a time of the year outside the general migratory bird nesting season of March through August, or avoided until nesting is complete.

To avoid trapping wildlife and domestic animals, trenches will be covered overnight or constructed with ramps to allow egress. Trenching and backfilling crews will be kept close together to minimize the amount of open trenches.

#### *3.5.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

### **3.6 Water Quality Issues**

#### *3.6.1 Affected Environment*

According to the TWDB Water Information Integration & Dissemination (WIDD) System database, there are approximately 21 private wells near the proposed project area. These wells vary in depth from 50 to 697 feet in depth. Four (4) municipal supply wells were also located near the proposed project area and are owned by EPWU and the City of El Paso (two each) and these wells vary in depth from 50 to 900 feet.

Correspondence was initiated with the USACE, Albuquerque District and the USACE El Paso Regulatory Office in order to determine whether jurisdictional waters or wetlands will be affected by the proposed project. Correspondence was also sent to the United States Environmental Protection Agency (USEPA), Region 6 office in Dallas, TX. Copies of correspondence with USACE and USEPA are included in Appendices E1 & E2.

Groundwater within the project area is generally considered to be of good quality. The groundwater table, in areas of the proposed project where dewatering is a possibility, was estimated to be at an average of 10 feet below ground surface for preliminary dewatering estimate purposes. Therefore, there is a possibility that dewatering will be required for any waterlines installed at depths greater than nine (9) feet below ground surface. However, the majority of waterlines are anticipated to be installed to a depth of approximately six (6) feet below ground surface and thus dewatering is anticipated to be minimal. A geotechnical study will be performed to determine the *in-situ* groundwater depth for final design.

#### *3.6.2 Environmental Consequences*

Due to the depth at which the planned waterline is to be buried, there should be very limited dewatering required in the area and therefore no environmental consequences are expected.

#### *3.6.3 Mitigation*

Mitigation measures do not apply to this environmental resource.

#### *3.6.4 Best Management Practices*

Alternative B entails installing a 12-inch waterline adjacent to the wetland. However, the 12-inch waterline will be installed at a depth of approximately 6 feet below ground surface (5 feet of over-cover is required by EPWU) and will therefore be above the predicted groundwater depth. This reduces or eliminates the amount of dewatering to occur near the wetland area and thus effects on groundwater quality will be minimal.

There will be no surface water discharges resulting from the proposed project. Mitigation measures will be implemented before, during and after construction activities. These measures include the preparation of a SWPPP prior to construction, in compliance with National Pollutant Discharge Elimination System (NPDES) and, if necessary, a SCP.

### **3.7 Coastal Resources**

Coastal resources are not a concern in or near the proposed project area.

### **3.8 Socio-Economic/Environmental Justice Issues**

#### *3.8.1 Affected Environment*

Vinton is nestled between the Rio Grande and the foothills of the Franklin Mountains. A post office opened there in 1892 and in 1925 the population was estimated at twenty-five. By the mid-1980s the estimated population had grown to 271, and it continued to grow in subsequent years, to 434 in the late 1980s and 605 in the early 1990s. The population tripled by 2010 and increased to 1,971.

Vinton was incorporated in 1961 but was originally named “Village of Industry.” The incorporation of the community originated with the owners of Border Steel Corporation which today still has a vital role in the growth and economy of Vinton. Border Steel was purchased in 2007 by ArcelorMittal which added Vinton to its international name. ArcelorMittal-Vinton is today, one of the largest steel manufacturing companies in the world. Along with W. Silver, ArcelorMittal-Vinton make Vinton the second largest industrial city in El Paso County.

#### *3.8.2 Environmental Consequences*

According to the USEPA EnviroMapper for Environmental Justice, the area does contain a high percentage of minorities (85-100%). Also, the area has an extremely high percentage of the population living in poverty with 29.5% of the population living below the poverty level, an average household per capita income of \$8,436 - \$11,567 and 43% – 60% of the population has below a 12<sup>th</sup> grade education level. However, the proposed project should have no adverse impacts on the socio-economic situation or affect any justice issues. The proposed project entails necessary improvements to address the need for an expanded water system, and should improve the quality of life for all members of the community, without favoritism or discrimination. All environmental justice documentation is included in Appendix E3 of this document.

There are no controversial issues anticipated related to environmental impacts. Some temporary inconveniences will occur during the construction process, such as during trenching and construction of waterlines along roadways.

#### *3.8.3 Mitigation*

In anticipation of the cost to connect to the water system, Vinton has facilitated access to low cost loans and grants to low-income households in the area from USDA-RD, Texas Department of Housing and Community Affairs, and Texas Department of Rural Affairs as well as similar assistance to businesses through ACCION Texas and the US Small Business Administration.

#### *3.8.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

### **3.9 Air Quality**

#### *3.9.1 Affected Environment*

At present, the air quality within and immediately adjacent to the APE is predominantly dictated



by activities at the nearby Border Steel refinery, the nearby BNSF Railroad line, and intermittent regional dust storms that result from high winds during drier portions of the year. Consultation has been initiated with TCEQ and is included in Appendices E1 & E2.

The proposed water system improvements (once completed) will not generate any negative air quality issues such as increased odor, volatiles or particular matter. Construction activities will require trenching and compaction, which will result in the temporary disturbance of the upper few feet of soil.

### *3.9.2 Environmental Consequences*

Trenching and compaction may result in locally higher concentrations of dust during construction activities. Areas that have been disturbed or denuded by construction may also result in locally higher dust levels immediately following construction and before vegetation can be re-established.

### *3.9.3 Mitigation*

The only identified air quality issue is the potential for elevated dust levels during and immediately after construction activities. To mitigate dust generated during construction, water will be made available for use as a periodic dust suppressant. Following construction activities the disturbed land surfaces will be restored to essentially the same conditions as they were found. The use of native plant materials during restoration will be employed as much as possible to provide vegetative cover for dust control.

### *3.9.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

## **3.10 Transportation**

### *3.10.1 Affected Environment*

The proposed water system improvements (once completed) will not result in any negative transportation issues such as increased size or quantity of vehicles. However, some construction activities will take place within existing ROWs resulting in periodic short spans of open trench, heavy equipment and construction personnel.

### *3.10.2 Environmental Consequences*

Traffic generated by the proposed construction will be relatively minor (construction crews and suppliers) and should not significantly impact the environment. Occasional lane closures will occur during construction activities, which may briefly affect the flow of traffic immediately adjacent to the construction area.

### *3.10.3 Mitigation*

Construction activities will only be completed during the day and will use appropriate traffic control measures such as cones, signs and traffic control personnel (where appropriate).

### *3.10.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

### **3.11 Noise Abatement and Control**

#### *3.11.1 Affected Environment*

The proposed water system improvements (once completed) will not increase the noise level within or immediately adjacent to the APE. However, some construction activities will require the use of heavy equipment and therefore will result in slightly elevated local noise levels.

#### *3.11.2 Environmental Consequences*

Although the heavy equipment will increase background noise levels during construction activities, the change will not be significant or unusual. Some similar heavy equipment is currently used by the system operators for the purposes of repair and maintenance of the existing system.

#### *3.11.3 Mitigation*

Construction activities will only be completed during the day to minimize the impact of elevated noise levels. Construction equipment will also be required to have properly functioning mufflers or other applicable noise suppression devices common to the equipment type.

#### *3.11.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

### **3.12 Wild and Scenic Rivers**

#### *3.12.1 Affected Environment*

No known wild or scenic rivers are located within 10 miles of the APE.

#### *3.12.2 Environmental Consequences*

There are no anticipated environmental consequences from the proposed activities to known wild or scenic rivers.

#### *3.12.3 Mitigation*

Mitigation measures do not apply to this environmental resource.

#### *3.12.4 Best Management Practices*

Best management practices do not apply to this environmental resource.

### **4.0 Summary of Mitigation**

Based on currently available information, the proposed project should cause no significant direct, indirect or cumulative adverse effects on the immediate environment within the APE or the surrounding area, therefore resulting in a Finding of No Significant Impact (FONSI). Specific mitigation efforts that are identified in Section 3 are as follows:

1. (3.4- Cultural Resources) Should cultural materials be encountered during construction, all work will cease at that location and an Archaeologist at the THC-Archaeology Division will be contacted. Work will not commence in the area until authorized by the required agencies and any finding will be evaluated for their significance relative to the Antiquities Code of Texas and Section 106 of the NHPA.

2. (3.5- Biological Resources) After waterline installation, the disturbed land surfaces will be restored to essentially the same conditions as they were found. The use of native plant materials during restoration to provide vegetative cover for erosion control and aesthetics will be employed as much as possible.
3. (3.5- Biological Resources) Should nesting of a species protected under the Migratory Bird Treaty Act be identified in the construction zone, construction will be limited to a time of the year outside the general migratory bird nesting season of March through August, or avoided until nesting is complete.
4. (3.5- Biological Resources) The length of trench left open overnight will be minimized and, should a trench be left open, a ramp will be maintained to allow the escape of trapped animals. Trenching and backfilling crews will be kept close together to minimize the amount of open trenches.
5. (3.8- Socio-Economic/Environmental Justice Issues) Vinton has facilitated access to low cost loans and grants to low-income households in the area from USDA-RD, Texas Department of Housing and Community Affairs, and Texas Department of Rural Affairs as well as similar assistance to businesses through ACCION Texas and the US Small Business Administration.
6. (3.9- Air Quality) Water will be made available as necessary during construction to be used as a periodic dust suppressant. Following construction activities, the disturbed land surfaces will be restored to essentially the same conditions as they were found.
7. (3.10- Transportation) Construction activities will only be completed during the day and will use appropriate traffic control measures such as cones, signs and, where appropriate, traffic control personnel.
8. (3.11- Noise Abatement and Control) Construction activities will only be completed during the day to minimize the impact of elevated noise levels and all heavy equipment will have properly functioning noise suppression devices.

Any additional mitigation requirements identified during the completion of these items will need to be incorporated by addendum to this report.

### **5.0 Correspondence and Coordination**

Many of the environmental issues evaluated in this environmental report require coordination with state or federal environmental regulatory agencies as well as concerned local parties. All correspondence, including any responses, that are related to this coordination are included in Appendices E1 & E2 of the ER.

Listed below are the agencies contacted for the proposed project:

Mr. Carlos Peña  
Supervisory Environmental Engineer  
Environmental Management Division  
International Boundary and Water Commission  
4171 North Mesa, Suite C-100  
El Paso, TX 79902-1441

Rick Gatewood  
US Army Corps of Engineers  
Regulatory Manager for Southern NM and West TX  
PO Box 6096  
El Paso, Texas 70096-0096

Charles H. Berry Jr., P.E.  
District Engineer  
Texas Dept. of Public Transportation  
13301 Gateway West  
El Paso, Texas 79928-5410

Francisco Valentin Jr., State Director  
USDA, Rural Development  
Federal Building, Suite 102  
101 South Main  
Temple, TX 76501

Gilbert Andujo, PE, CFM  
Village of Vinton Floodplain Manager  
436 E. Vinton Road.  
Vinton, TX 79821

Ms. Peggy Wade  
Air Planning Section  
United States Environmental Protection Agency Region 6, 6 PD-L  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

Federal Emergency Management Agency  
Region VI  
800 North Loop 288  
Denton, TX 76209

Ms. Roxanne Runkel  
United States Department of the Interior – National Park Service  
Intermountain Region  
12795 Alameda Parkway  
Denver, CO 80225

Salvador Salinas, Acting State Conservationist  
NRCS Texas State Office  
USDA-Natural Resources Conservation Service  
101 South Main  
Temple, TX 76501



Lorinda Gardner  
Regional Director, TCEQ  
401 E. Franklin Ave., Ste. 560  
El Paso TX 79901-1212

Kathy Boydston  
Wildlife Habitat Assessment Program  
Texas Parks and Wildlife Division  
4200 Smith School Road  
Austin, TX 78744

United States Department of the Interior  
Fish and Wildlife Service  
Austin, Texas Ecological Services Field Office  
Compass Bank Bldg.  
10711 Burnet Rd, Ste 200  
Austin, TX 78758

Chris Jurgens  
Team Lead, Environmental Review  
Texas Water Development Board  
1700 North Congress Avenue  
P.O. Box 13231  
Austin, Texas 78711-3231

Mr. Brad Teplicek  
USDA – Natural Resources Conservation Service  
Zone 2 Service Center  
3878 West Houston Harte  
San Angelo, TX 76901

Road Superintendent,  
El Paso County Road & Bridge Department  
800 E. Overland  
Suite 407  
El Paso, Texas 79901

Mr. Michael Burgess, Chairman  
Comanche Indian Tribe  
P.O. Box 908  
Lawton, OK 73502

Governor Frank Lujan  
Pueblo of Isleta  
P.O. Box 1270  
Isleta Pueblo, NM 87022

Bill Evans Horse, Chairman  
Kiowa Tribe of Oklahoma  
P.O. Box 369  
Carnegie, OK 73015

President Mark R. Chino  
Mescalero Apache Tribe  
P.O. Box 227  
Mescalero, NM 88340

President Ben Shelly  
Navajo Nation  
Post Office Box 9000  
Window Rock, Arizona 86515

Jeff Houser, Chairman  
Fort Sill Apache Tribe of Oklahoma  
Rt. 2, Box 121  
Apache, OK 73006

Ronnie Lupe, Chairman  
White Mountain Apache Tribal Council  
P.O. Box 700  
Whiteriver, AZ 85941

Frank Paiz, Governor  
Ysleta del Sur Pueblo  
P.O. Box 17579 – Ysleta Station  
El Paso, TX 79917

Tiffany Osburn, Regional Archaeologist/Project Reviewer  
Archaeology Division  
Texas Historical Commission  
P.O. Box 12276  
Austin, TX 78704  
*(contacted as part of overlapping proposed wastewater project)*

## **6.0 Exhibits**

Maps of the project area are presented on the following pages. Additional resources, such as documentation of public involvement, cultural resources documentation, biological evaluation and other supporting documentation have been included as appendices to this document.

Public involvement has been a part of the planning process since the initiation of the project by Vinton. An advertisement for the public comment period will be posted in the West Texas County Courier for two consecutive days 30 days prior to the public comment period to meet

state and federal requirements in fulfillment of NEPA. A copy of the notice and affidavit of publication will be included in Appendix E8 of the Final ER.

A copy of the Draft ER will be made available to the public at the Village of Vinton Governmental Services Building for a period of two weeks. A list of commentators and any questions or comments they make will be included in Appendix E7 of the Final ER.

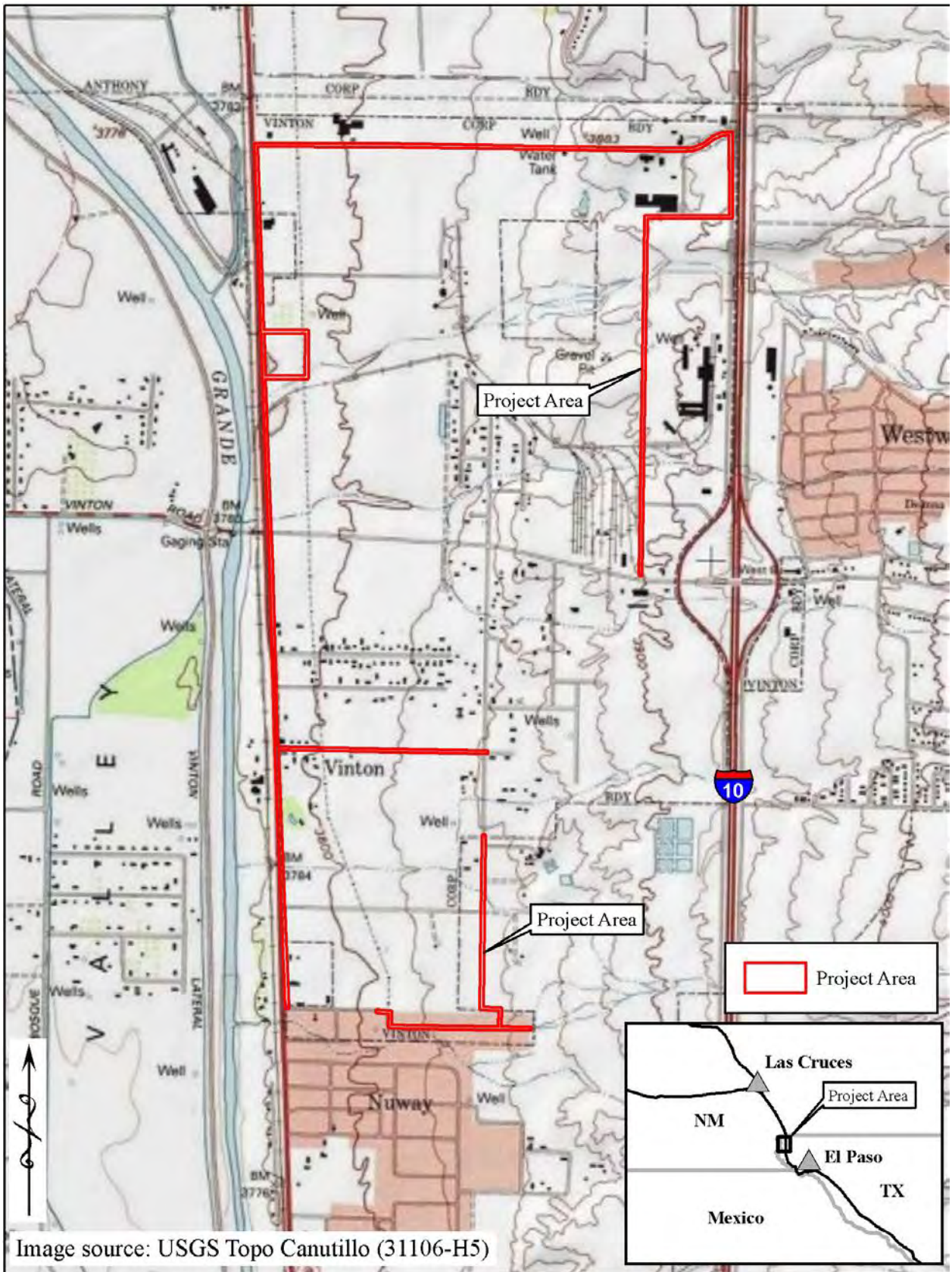


Image source: USGS Topo Canutillo (31106-H5)

Figure 1. Project area located on USGS topographic map.



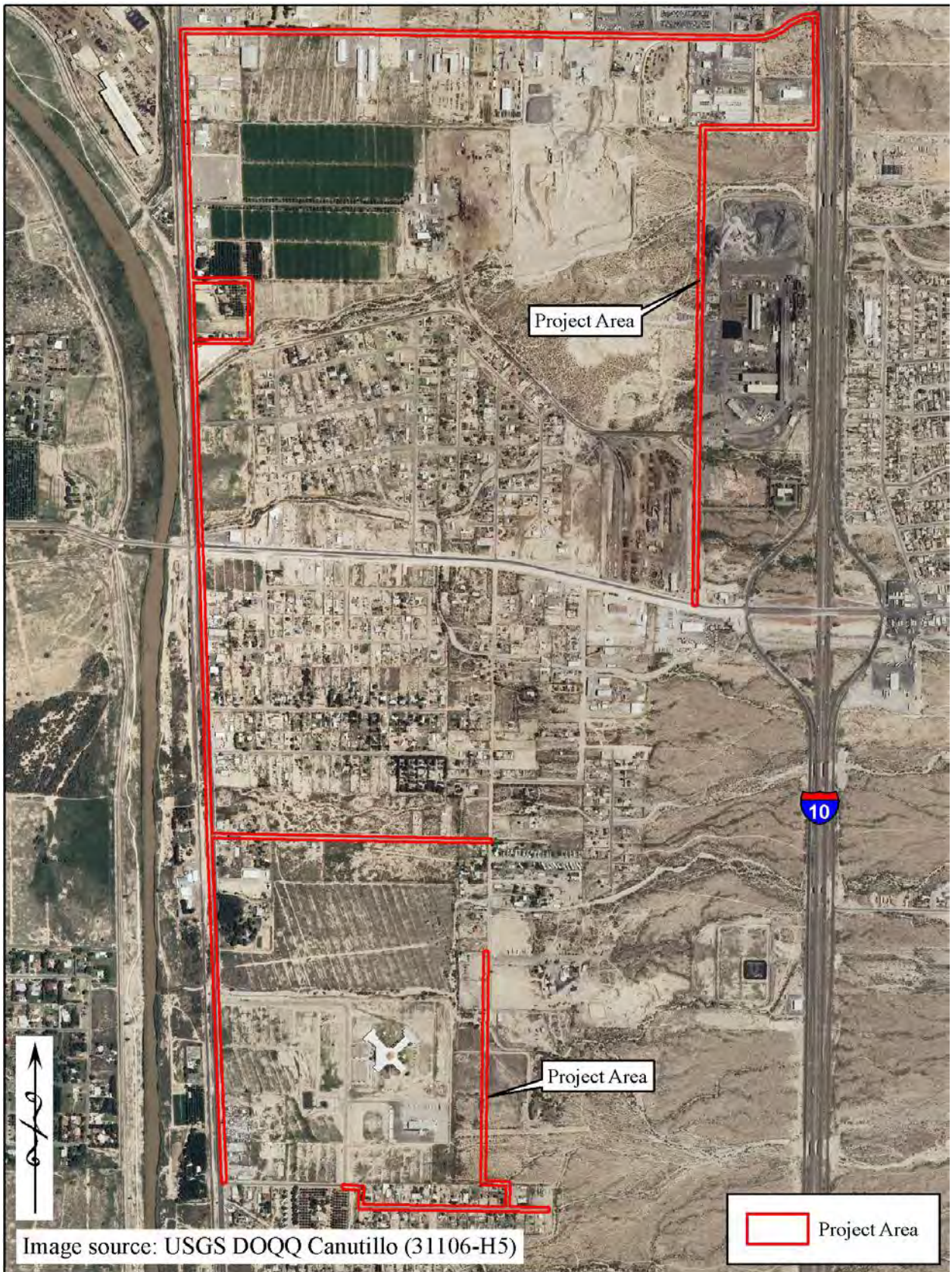


Figure 2. Location of project area on USGS digital orthophoto quarter-quadrangles (DOQQ).



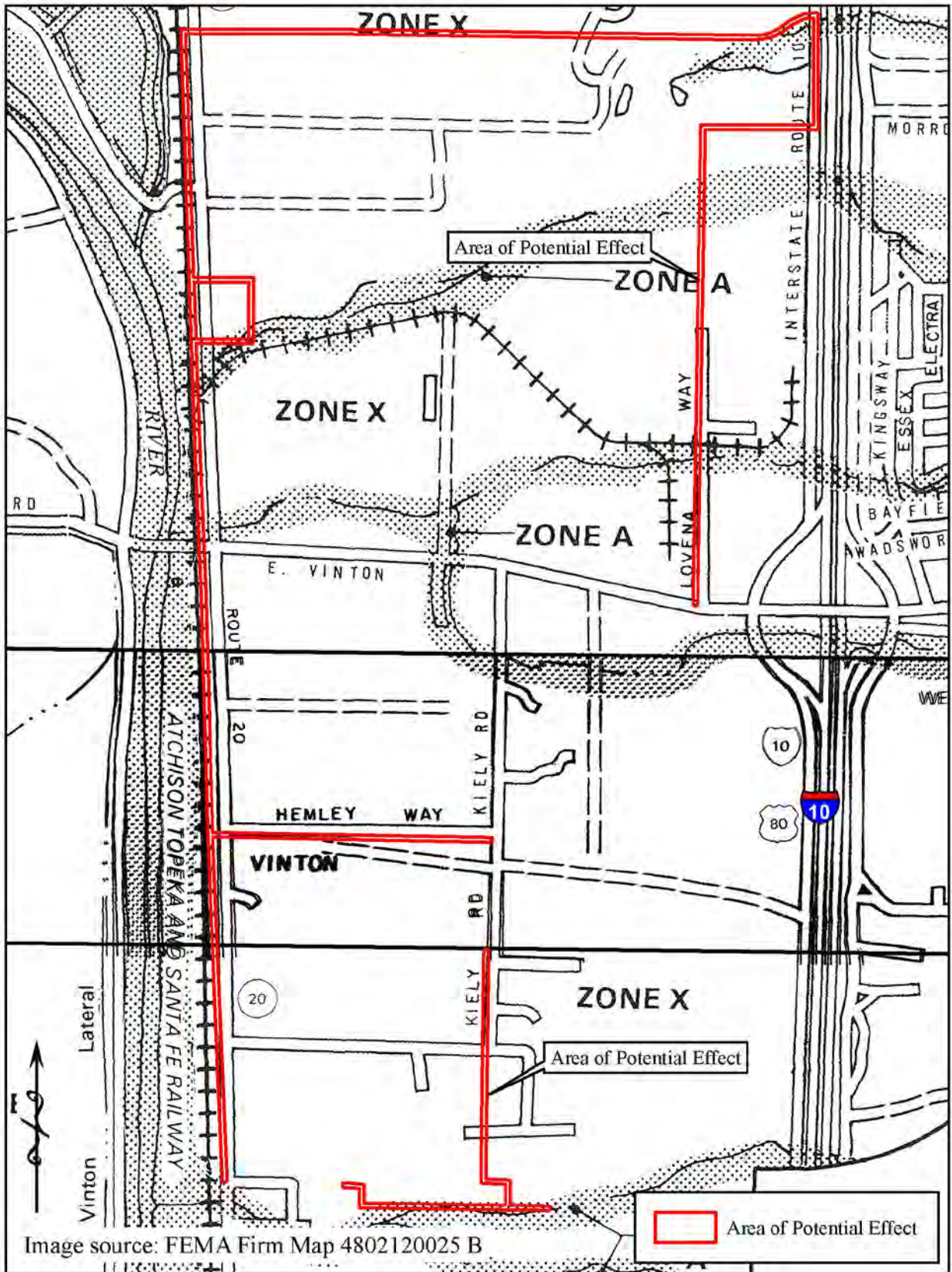
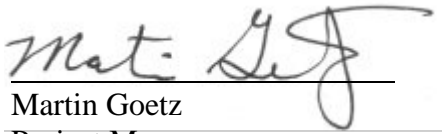


Figure 3. Location of Area of Potential Effect on FEMA Firmette Map.

## 7.0 List of Preparers

This ER was constructed in general accordance with USDA-RUS Bulletin 1794A-602, "Guide for Preparing the Environmental Report for Water and Environmental Program Proposals" (revised March 2008). The undersigned hereby acknowledge personal knowledge of the information submitted in this report and the attached documents.




Martin Goetz

Project Manager

August 10, 2012

Date



Clay Kiesling

Senior Geoscientist

August 10, 2012

Date

**Appendix E1**  
**Agency Consultation Letters**





December 5, 2011

#1321316.1.1

National Park Service  
Intermountain Regional Office  
Attn: Environmental Quality  
12795 West Alameda Parkway  
Lakewood, CO 80228

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Ms. Runkel:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

A preliminary review of available information resources by SMA has not identified any national natural landmarks, wilderness areas, or wild and scenic rivers that would be likely to be affected by the proposed project.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Mr. Brad Teplicek  
United States Department of Agriculture – Natural Resources Conservation Service  
Zone 2 Service Center  
3878 West Houston Harte  
San Angelo, TX 76901

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Mr. Teplicek:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

A preliminary review of available information resources by SMA has not identified any prime or unique farmland that would likely be affected by the proposed project.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at martin.goetz@soudermiller.com.

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Salvador Salinas, Acting State Conservationist  
NRCS Texas State Office  
USDA-Natural Resources Conservation Service  
101 South Main  
Temple, TX 76501

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Mr. Salinas:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

A preliminary review of available information resources by SMA has not identified any prime or unique farmland that would likely be affected by the proposed project. SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at martin.goetz@soudermiller.com.

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Road Superintendant,  
El Paso County Road & Bridge Department  
800 E. Overland  
Suite 407  
El Paso, Texas 79901

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

To Whom It May Concern:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

SMA requests the assistance of your office in providing any information regarding potential impacts or requirements related to regulations under the jurisdiction or management of the El Paso Road & Bridge Department. SMA would appreciate any information to be provided at your earliest possible convenience, although all comments should be received by SMA within 30 days of the date of this letter.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermillers.com](mailto:martin.goetz@soudermillers.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Federal Emergency Management Agency  
Region VI  
800 North Loop 288  
Denton, TX 76209  
(940) 898-5399

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WASTEWATER COLLECTION SYSTEM FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

To whom it may concern:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 through 3) that depict the affected area.

SMA has reviewed available floodplain information and, after review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map panel 48021200258 (effective date September 27, 1991) for El Paso County, TX, has identified that some of the proposed wastewater lines will be constructed in areas determined to be in Zone X (outside the 500-year floodplain), however some of the project area falls within Zone A (Special flood hazard areas inundated by 100-year flood). Figure 3 illustrates the proposed project location on the aforementioned FEMA map.

SMA requests the assistance of your office in providing any information regarding potential impacts or requirements related to regulations under the jurisdiction or management of the El Paso Flood Commissioners Office. SMA would appreciate any information to be provided at your earliest possible convenience, although all comments should be received by SMA within 30 days of the date of this letter.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at martin.goetz@soudermilller.com.

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager





December 5, 2011

#1321316.1.1

Rick Gatewood  
US Army Corps of Engineers  
Regulatory Manager for Southern NM and West TX  
PO Box 6096  
El Paso, Texas 70096-0096  
voice: 915-568-0236  
fax: 915-568-1348

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Mr. Gatewood:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

SMA requests the assistance of your office in providing any information regarding potential impacts or requirements related to regulations under the jurisdiction or management of the United States Army Corps of Engineers. Included with this letter is the completed Approved Jurisdictional Determination Form along with data sources checked in Section IV of that document. This project will involve no discharge of dredged material or fill material into any waters of the United States, including wetlands.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Kathy Boydston  
Wildlife Habitat Assessment Program  
Texas Parks and Wildlife Division  
4200 Smith School Road  
Austin, TX 78744

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Ms. Boydston:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

A handwritten signature in black ink, appearing to read 'Martin Goetz', is written over a white background.

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Lorinda Gardner  
Regional Director, TCEQ  
401 E. Franklin Ave., Ste. 560  
El Paso TX 79901-1212

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Ms. Gardner:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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SMA would appreciate any information or feedback to be provided at your earliest possible convenience. Additionally, feedback is requested from the TCEQ Offices of Surface Water Quality, Ground Water, Drinking Water, Solid Waste, and Air Quality. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Chris Jurgens  
Team Lead, Environmental Review  
Texas Water Development Board  
1700 North Congress Avenue  
P.O. Box 13231  
Austin, Texas 78711-3231

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Mr. Jurgens:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Charles H. Berry Jr., P.E.  
District Engineer  
Texas Dept. of Public Transportation  
13301 Gateway West  
El Paso, Texas 79928-5410

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Mr. Berry:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager





December 5, 2011

#1321316.1.1

Francisco Valentin Jr., State Director  
USDA, Rural Development  
Federal Building, Suite 102  
101 South Main  
Temple, TX 76501

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Mr. Valentin:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

United States Department of the Interior  
Fish and Wildlife Service  
Austin, Texas Ecological Services Field Office  
Compass Bank Bldg.  
10711 Burnet Rd, Ste 200  
Austin, TX 78758

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

To Whom It May Concern:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

In addition to any input you wish to provide, SMA requests a list of threatened and endangered species and any information on designated or proposed critical habitat that may be present in the project area. In addition, please advise us of any concerns you may have related to possible effects of the project on proposed, threatened or endangered species or critical habitat, as well as any other wildlife concerns. At this time, SMA is also requesting information from Texas Parks and Wildlife and the Texas Commission on Environmental Quality.

SMA would appreciate any information or feedback to be provided at your earliest possible convenience. If you need any further information or wish to discuss the project, please feel free to contact me by phone at 800-647-0799, or by email at [martin.goetz@soudermiller.com](mailto:martin.goetz@soudermiller.com).

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Mr. Michael Burgess, Chairman  
Comanche Indian Tribe  
P.O. Box 908  
Lawton, OK 73502

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Chairman Burgess:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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SMA requests the assistance of your office in providing any information regarding historic resources that may be affected by the project. If you are aware of potential historic resources within the project area, please also provide any recommendations you may have to mitigate or avoid impacts.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Jeff Houser, Chairman  
Fort Sill Apache Tribe of Oklahoma  
Rt. 2, Box 121  
Apache, OK 73006

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Chairman Houser:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Billy Evans Horse, Chairman  
Kiowa Tribe of Oklahoma  
P.O. Box 369  
Carnegie, OK 73015

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Chairman Horse:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

Vinton is located approximately 18 miles north of El Paso, TX along Interstate 10 and is directly accessed via East Vinton Road and TX Highway 20. Funding for the planning documents has been obtained through the United State Department of Agriculture (USDA) Rural Development (RD) Fund. The intent of the project is to add new infrastructure by installing water lines and fire hydrants in and around the Village. This added infrastructure will give the residents of the Village a safe and reliable water system that the residents have been without for many years. Please refer to the enclosed maps (Figures 1 and 2) that depict the affected area.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager





December 5, 2011

#1321316.1.1

President Mark R. Chino  
Mescalero Apache Tribe  
P.O. Box 227  
Mescalero, NM 88340

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

President Chino:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

President Ben Shelly  
Navajo Nation  
Post Office Box 9000  
Window Rock, Arizona 86515

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

President Shelly:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Governor Frank Lujan  
Pueblo of Isleta  
P.O. Box 1270  
Isleta Pueblo, NM 87022

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Governor Lujan:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



December 5, 2011

#1321316.1.1

Ronnie Lupe, Chairman  
White Mountain Apache Tribal Council  
P.O. Box 700  
Whiteriver, AZ 85941

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Chairman Lupe:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager





December 5, 2011

#1321316.1.1

Frank Paiz, Governor  
Ysleta del Sur Pueblo  
P.O. Box 17579 – Ysleta Station  
El Paso, TX 79917

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS  
IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Governor Paiz:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager

**Appendix E2**  
**Agency Responses**



July 30, 2012

#1320596.1.2

Tiffany Osburn  
Regional Archeologist/Project Reviewer  
Archeology Division  
Texas Historical Commission  
P.O. Box 12276  
Austin, Texas 78704  
512-463-8883  
www.thc.state.tx.us



Dear Ms. Osburn,

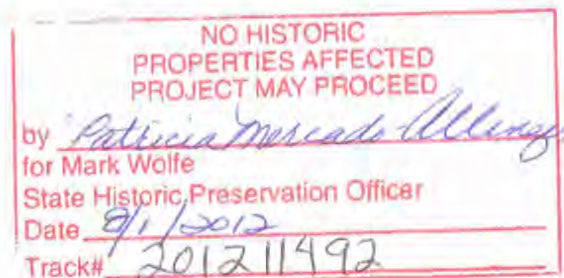
Souder, Miller & Associates (SMA) carried out a cultural resources background survey and a Phase I intensive cultural resource survey for a proposed wastewater improvement project for the Village of Vinton, El Paso County, Texas. The archaeological pedestrian survey was performed in compliance with the Antiquities Code of Texas and Section 106 of the National Historic Preservation Act (NHPA). The purpose of the survey was to determine if any archaeological sites were located within the project area and, if sites were present, to determine their potential eligibility for designation as State Archaeological Landmarks (SALs) or for nomination to the National Register of Historic Places (NRHP).

The cultural resources survey performed under Antiquities Permit Number 5895 was completed on March 9, 2011. No cultural resources aside from two isolated occurrences were identified during the survey. In addition, due to the ground visibility being over 80% in the entirety of the project area and the absence of deeper Holocene deposits within the project area, shovel testing and other subsurface testing *was not* conducted in the project area. Based on the negative findings of the survey, no further work is recommended. Please find attached the report that quantifies these findings.

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Principal Investigator







Souder, Miller & Associates • 401 North Seventeenth Street, Suite 4 • Las Cruces, NM 88005-8131  
(575) 647-0799 • (800) 647-2799 • Fax (575) 647-0680



December 5, 2011

#1321316.1.1

Kathy Boydston  
Wildlife Habitat Assessment Program  
Texas Parks and Wildlife Division  
4200 Smith School Road  
Austin, TX 78744

**Texas Parks & Wildlife Dept.**

**JAN 13 2012**

**Wildlife Habitat Assessment Program**

**RE: REQUEST FOR INFORMATION CONCERNING CONSTRUCTION OF A WATER SYSTEMS IMPROVEMENT FOR THE VILLAGE OF VINTON, EL PASO COUNTY, TEXAS**

Ms. Boydston:

Souder, Miller & Associates (SMA), on behalf of our client, the Village of Vinton (Vinton), is in the process of performing an environmental assessment pursuant to the National Environmental Policy Act (NEPA) for use of public funding. The proposed project will be located in and near Vinton, in El Paso County, TX.

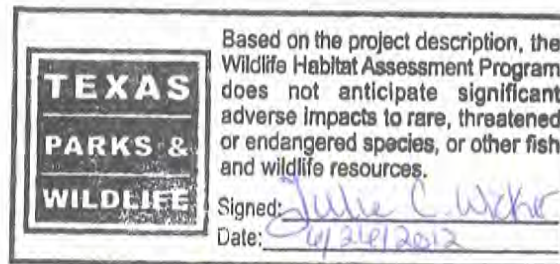
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Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES

Martin Goetz  
Project Manager



TPWD Project #16892



**PUEBLO OF ISLETA**

P. O. BOX 1270, ISLETA, NM 87022



January 18, 2012

Martin Goetz, Project Manager  
Souder, Miller & Associates  
401 North Seventeenth Street  
Suite 4  
Las Cruces, NM 88005-8131

Dear Mr. Goetz:

This letter is in response to your letter regarding the proposed Water Systems Improvement project in the Village of Vinton located approximately 18 miles north of El Paso, El Paso County, TX.

I am pleased to inform you that this project will not have an impact on religious or cultural sites affiliated with the Pueblo of Isleta.

However, in the event that discoveries are found during construction, we would appreciate being advised of such findings. Please forward all environmental assessment plans to our office.

Thank you for your consideration in contacting this office to express our concerns.

Sincerely,

PUEBLO OF ISLETA

*Frank E. Lujan* L.T. GOV.

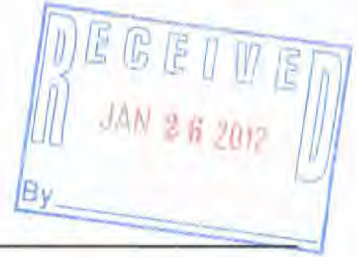
For: Frank E. Lujan  
Governor







Natural Resources Conservation Service  
101 South Main Street  
Temple, Texas 76501-7602  
Phone: 254-742-9800 Fax: 254-742-9819



January 18, 2012

Mr. Martin Goetz  
Souder, Miller & Associates  
401 North Seventeenth St  
Suite 4  
Las Cruces, NM 88005-8131

Dear Mr. Goetz:

We have reviewed the information provided in your correspondence dated December 5, 2011, concerning the proposed water systems improvements in the City of Vinton, El Paso County, Texas. This review is part of the National Environmental Policy Act (NEPA) evaluation for USDA Rural Development. We have evaluated the proposed sites as required by the Farmland Protection Policy Act (FPPA).

The proposed project may contain Important Farmland Soils; however, we do not normally consider the installation of water distribution lines a conversion of Important Farmlands. We have completed a Farmland Conversion Impact Rating (form AD-1006) indicating the exemption.

If you have any questions please contact Wayne Gabriel at (254) 742-9855; Fax (254)-742-9859.

Sincerely,

  
SALVADOR SALINAS  
State Conservationist

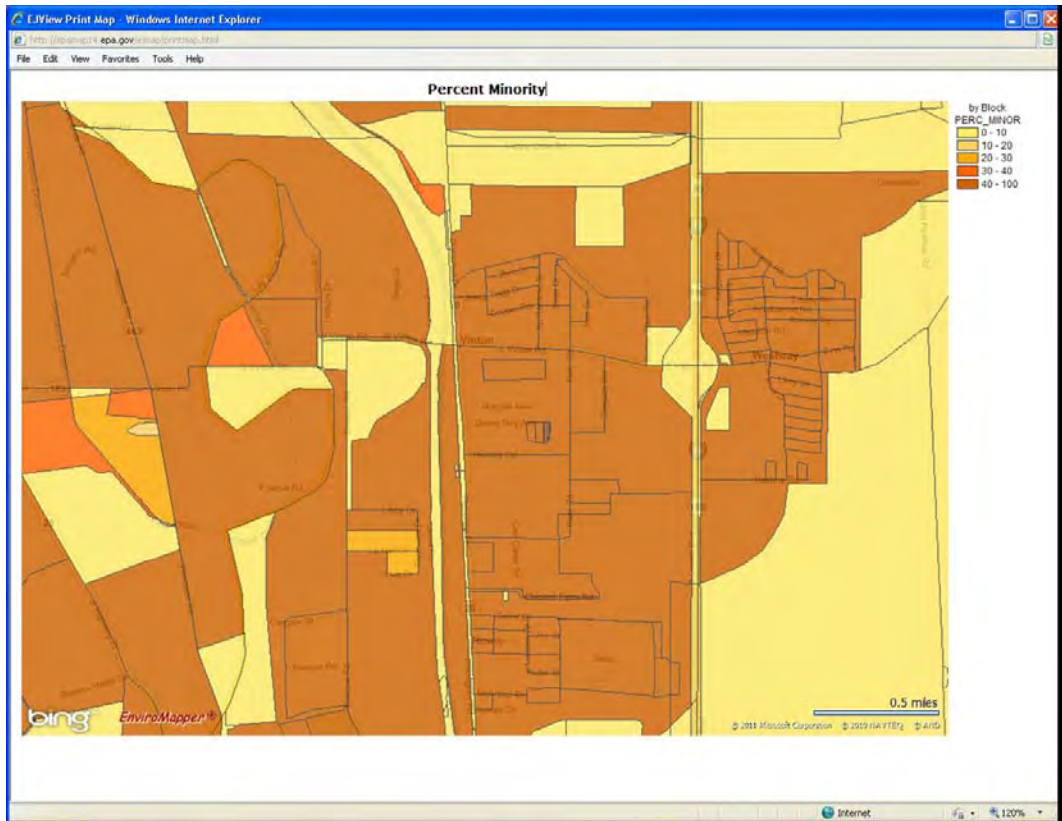
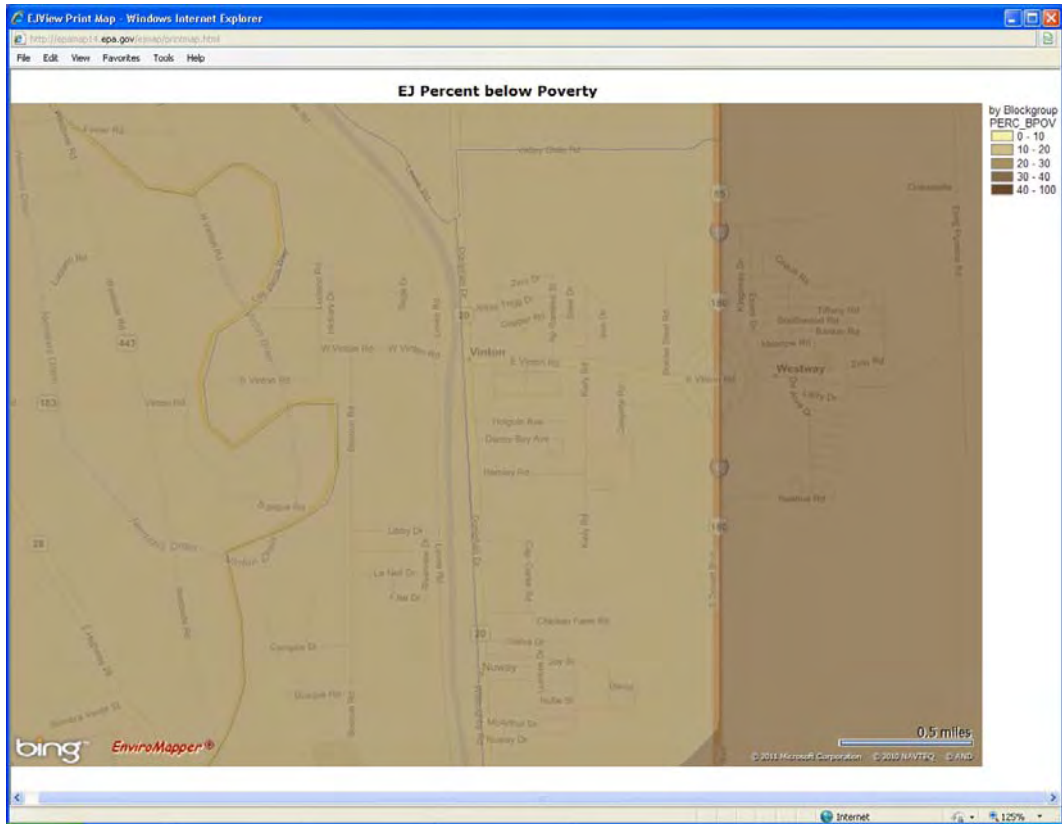
Enclosure

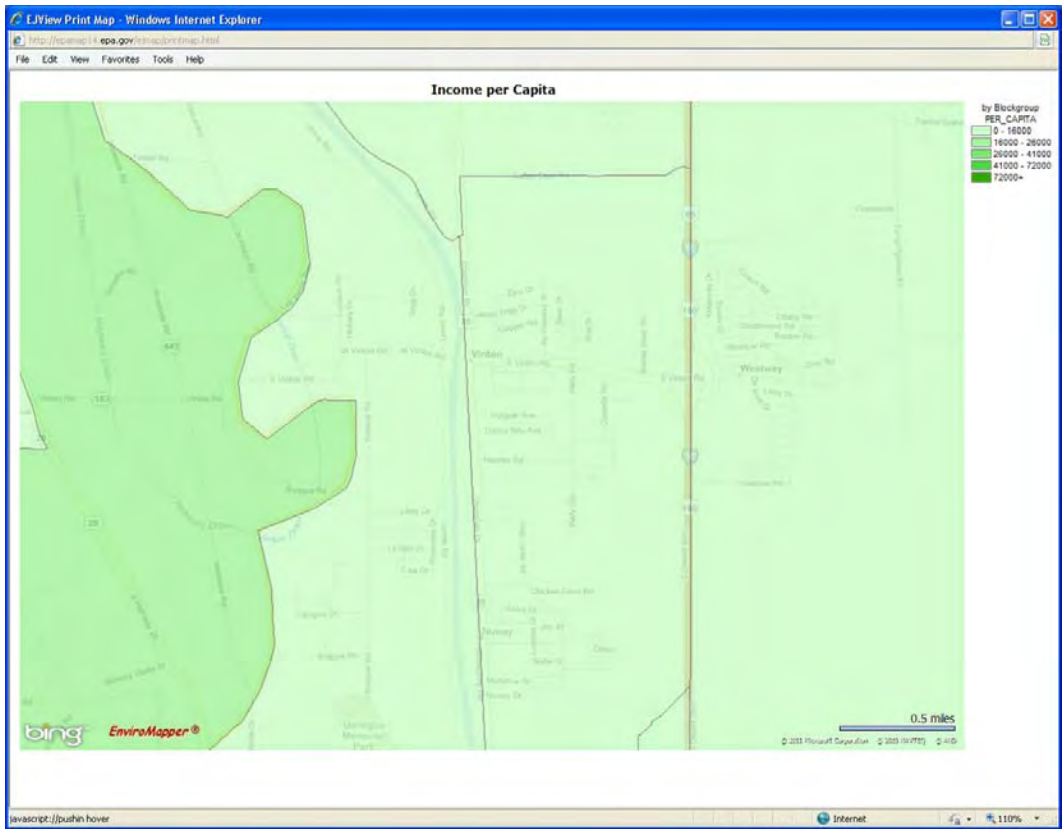
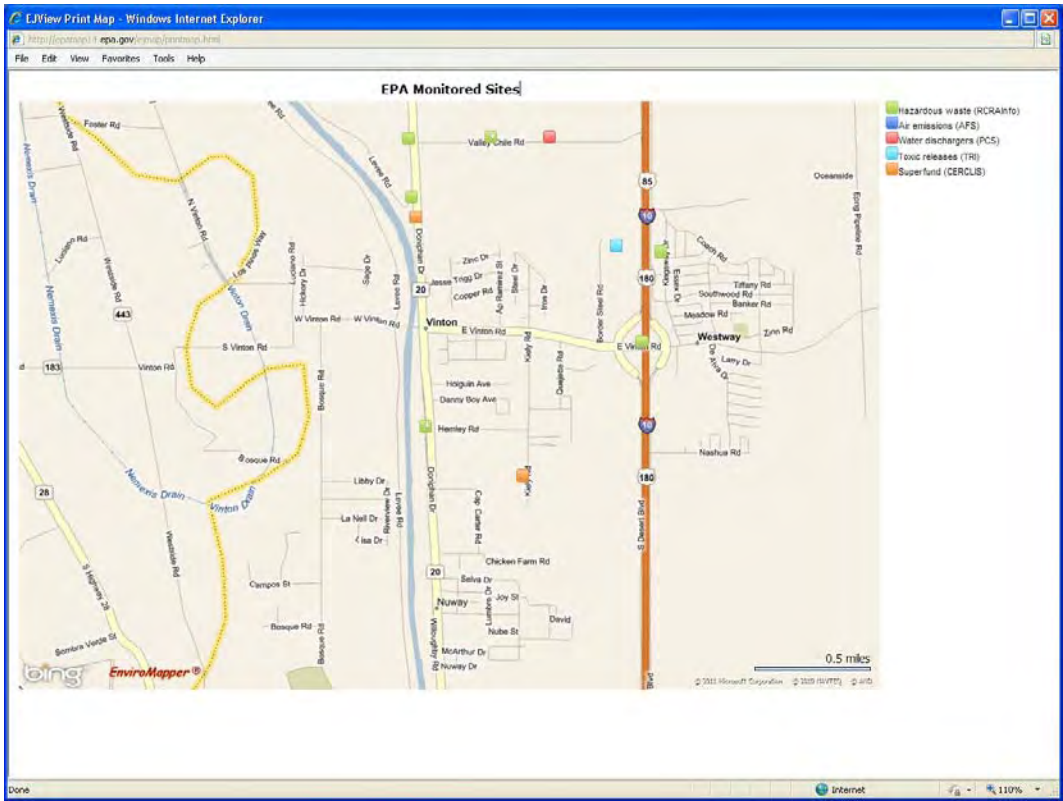
**FARMLAND CONVERSION IMPACT RATING**

<b>PART I</b> (To be completed by Federal Agency)		Date Of Land Evaluation Request December 5, 2011			
Name of Project City of Vinton Water System Improvements		Federal Agency Involved USDA RD			
Proposed Land Use		County and State El Paso County, Texas			
<b>PART II</b> (To be completed by NRCS)		Date Request Received By NRCS January 17, 2012			
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply - do not complete additional parts of this form)		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %	Amount of Farmland As Defined in FPPA Acres: %			
Name of Land Evaluation System Used	Name of State or Local Site Assessment System	Date Land Evaluation Returned by NRCS <b>1/23/2012</b>			
<b>PART III</b> (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly					
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site					
<b>PART IV</b> (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide Important or Local Important Farmland					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>PART V</b> (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)					
<b>PART VI</b> (To be completed by Federal Agency) Site Assessment Criteria (Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)		<b>Maximum Points</b>	Site A	Site B	Site C Site D
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160			
<b>PART VII</b> (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100			
Total Site Assessment (From Part VI above or local site assessment)		160			
<b>TOTAL POINTS (Total of above 2 lines)</b>		260			
Site Selected:	Date Of Selection	Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>			
Reason For Selection:					
Name of Federal agency representative completing this form:				Date:	

(See Instructions on reverse side)

**Appendix E3**  
**Environmental Justice Documentation**







**Appendix E4**  
**Cultural Resources Report**

**CULTURAL RESOURCES REPORT  
FOR THE  
VILLAGE OF VINTON  
WATER SYSTEM IMPROVEMENTS PROJECT**



Prepared for the  
Village of Vinton

Prepared by  
Souder, Miller and Associates  
Las Cruces, NM

Texas Antiquities Permit No. 6074



**Souder, Miller & Associates**  
Engineering ♦ Environmental ♦ Surveying

## Abstract

Souder, Miller and Associates (SMA) carried out a cultural resources background survey and a Phase I intensive cultural resource survey of approximately 40.3 acres for a proposed water improvement project for the Village of Vinton, El Paso County, Texas. The project is within the Elephant Butte Irrigation District National Register District (THC 2007). The field survey revealed that a majority of the project area occurs on the shoulder of existing roads in Vinton. Portions of the project area occur in open landscape (desert scrub). No sites were located during the survey and no cultural resources, aside from modern refuse, were identified during the survey. Based on the findings of the survey, no additional work is recommended.

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## **1. Introduction**

Souder, Miller and Associates carried out a cultural resources background survey and a Phase I intensive cultural resource survey for a proposed water system improvements project for the Village of Vinton, El Paso County, Texas (See Figures 1 & 2). The archaeological survey was performed in compliance with the Antiquities Code of Texas and Section 106 of the National Historic Preservation Act (NHPA). The purpose of the survey was to determine if any archaeological sites are located within the project area and, if sites are present, to determine their potential eligibility for designation as State Archaeological Landmarks (SALs) or for nomination to the National Register of Historic Places (NRHP). The cultural resources survey performed under Antiquities Permit Number 6074 was completed over three days between November 2 & 4, 2011. No cultural resources aside from modern refuse were identified during the survey. Based on the negative findings of the survey, no further work is recommended.

## **2. Project Area**

The project area consists of approximately 40.3 acres or approximately 10,942 meters of proposed waterline (See Figures 1-2). The project area lies on the floodplain of the Rio Grande up to the toe slopes of the Franklin Mountains which lay approximately five miles to the east. The project area consists of developed and undeveloped land in and around Vinton. The project area is traversed in various locations by arroyos, man-made and natural drainages, irrigation features, previous agricultural fields, land development, railroad construction, and abuts a federally designated wetlands area.

## **3. Environmental Setting**

### **3.1 Soils**

According to the USDA Natural Resources Conservation Service database, soils in the project area consist of undulating Agustin association, rolling Bluepoint association, undulating Del Norte/Canutillo association, Glendale silty clay loam, Harkey loam, made land with Gila soil material, and level Pajarito soil association. The Agustin component (AGB) typically has 1-8 percent slopes and is located on alluvial fans and piedmont slopes. The parent material consists of Holocene-age gravelly alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class of AGB is well drained. The Bluepoint component (BPC) typically has 5-15 percent slopes and is located on hillsides and river valleys. The parent material consists of wind-modified sandy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class of BPC is somewhat excessively drained. The Delnorte/Canutillo component (DCB) typically has 1-8 percent slopes and is located on fan piedmonts and piedmont slopes. The parent material consists of Pleistocene-age gravelly alluvium. Depth to a petrocalcic root restrictive layer is 7-20 inches. The natural drainage class of DCB is well drained. The Glendale silty clay loam (Ge) typically has 0-1 percent slopes and is located on river valleys and flood plains. The parent material consists of Holocene-age fine-silty alluvium. The depth to a root restrictive layer is greater than 60 inches. The natural drainage class of Ge is well drained.



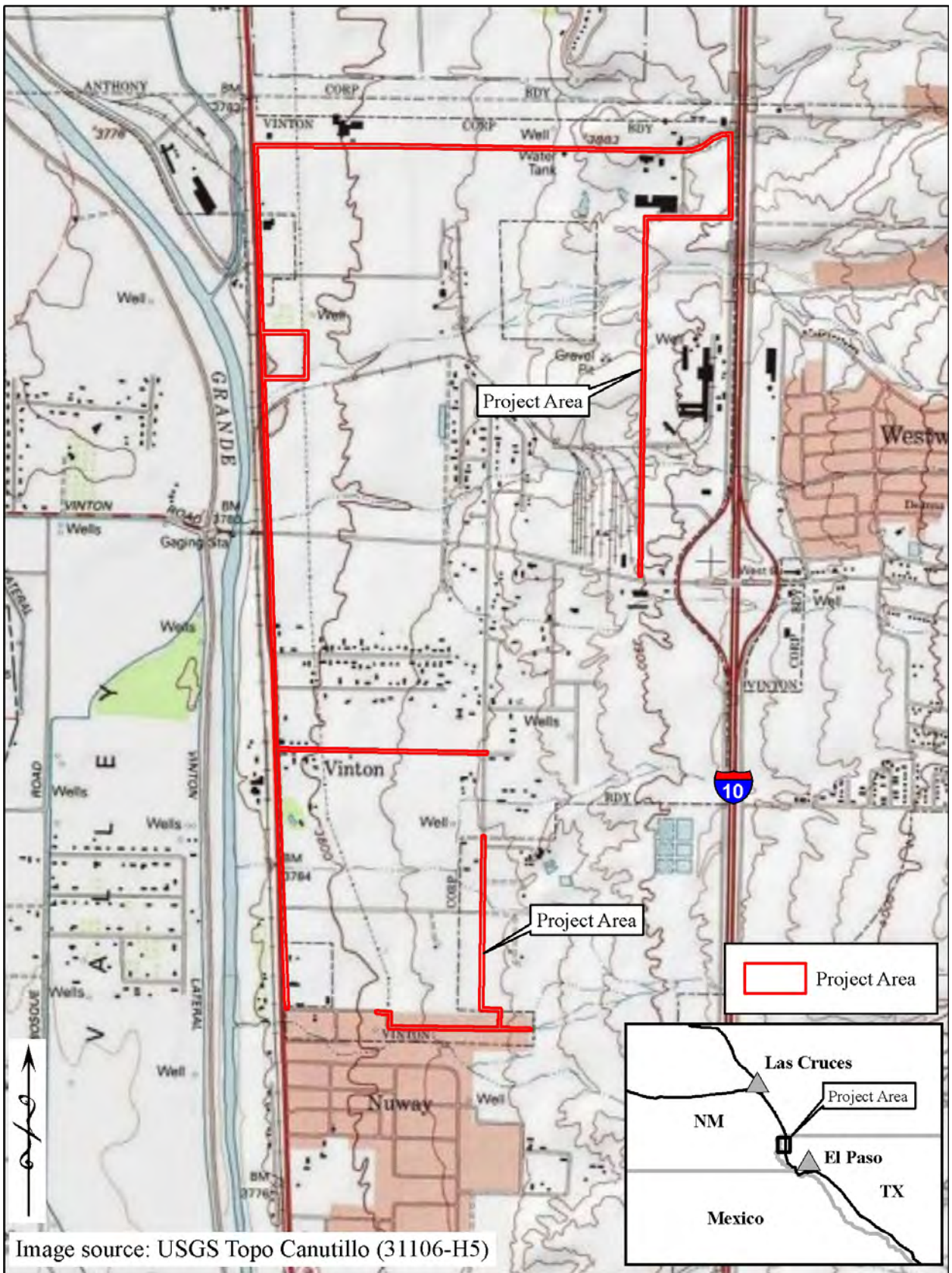


Figure 1. Location of project area on USGS Topographic Map.



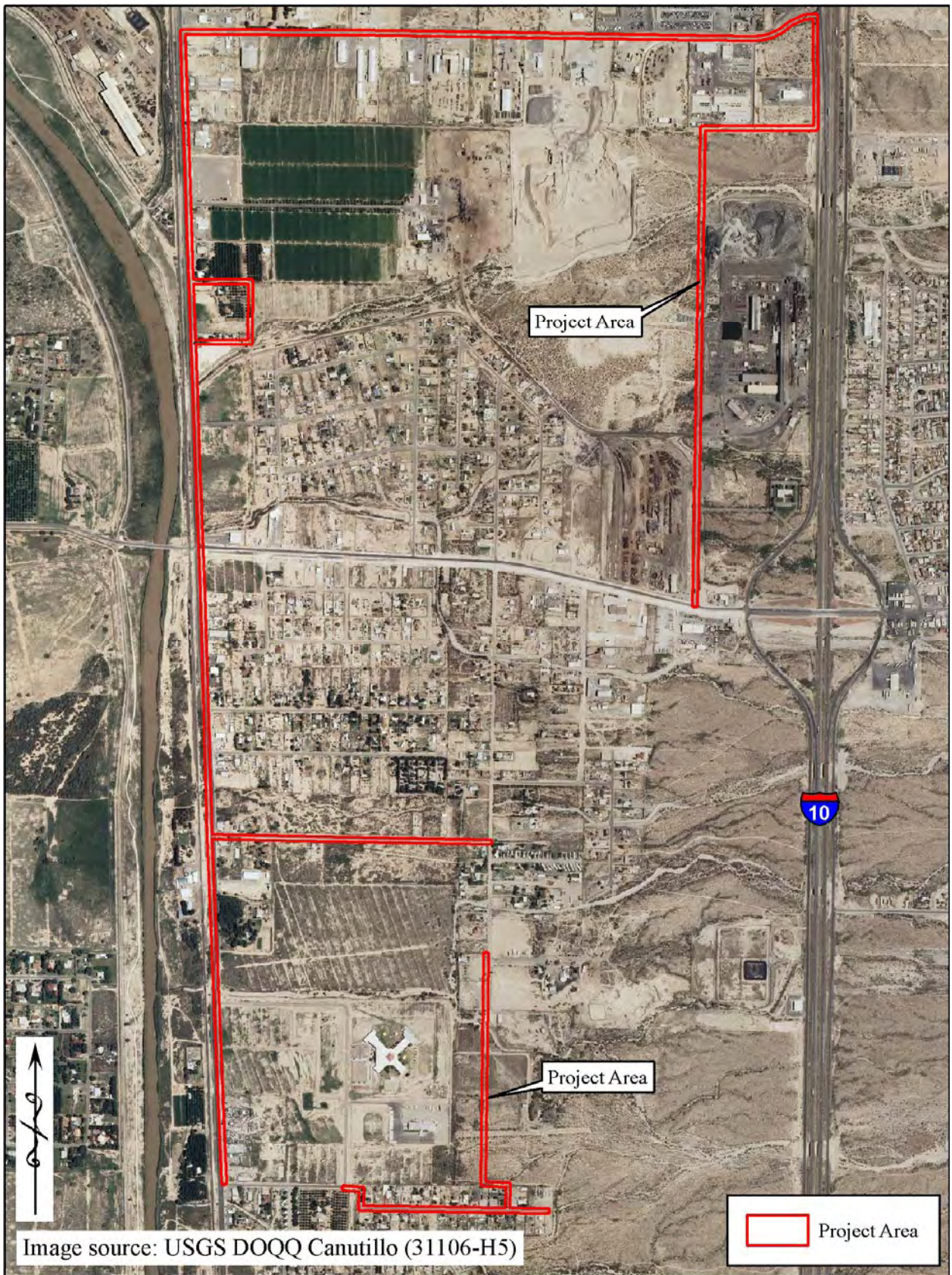


Figure 2. Location of project area on USGS DOQQ.



The Harkey loam component (Ha) typically has 0-1 percent slopes and is located on flood plains root restrictive layer is greater than 60 inches. The natural drainage class of Ha is well drained. The made land with gila soil material (Mg) typically has slopes of 0-3 percent and is located on flood plains and river valleys. The parent material consists of Holocene-age coarse-loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class of Mg is well drained. Lastly, the Pajarito component (PAA) typically has 0-3 percent slopes and is found on piedmont slopes and alluvial fans. The parent material consists of coarse-loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class of PAA is well drained.

### 3.2 Geology

According to the Digital Geologic Map Database for the State of Texas: U.S. Geological Survey Data Series, there are four main geologic formations found within the project area: Holocene-aged alluvium (Qal), older alluvial deposits from the Pleistocene (Qao), Holocene-aged sand sheet deposits (Qs), and Pliocene to Pleistocene bolson deposits (QTb). The Qal and Qs deposits are mainly composed of sand and silt while the Qao is composed of gravel and sand and the QTb is composed of clay or mud and silt.

### 3.3 Flora and Fauna

A biologist from Souder, Miller and Assoc. conducted a field survey of the project area and reported the following species which are typical of the Chihuahuan desert setting along the riverine setting of the Rio Grande river valley. Vegetation observed within the action area consists of the following species: Soap-tree yucca (*Yucca elata*), creosote bush (*Larrea tridentata*), southwestern rabbitbrush (*Ericameria pulchella*), purple prickly-pear (*Opuntia macrocentra*), honey mesquite (*Prosopis glandulosa*), desert Christmas cactus (*Cylindropuntia leptocaulis*), dropseed grasses (*Sporobolus* spp.), four-wing saltbush (*Atriplex canescens*), mormon tea (*Ephedra* sp.), Russian thistle (*Salsola tragus*), tumbleweed (*Amaranthus albus*), Palmer's pigweed (*Amaranthus palmeri*), desert willow (*Chilopsis linearis*), Douglas fir (*Pseudotsuga* sp. unknown), puncturvine (*Tribulus terrestris*), cottonwood (*Prosopis* sp.), poplar (*Populus* sp.), salt cedar (*Tamarix* sp.), hackberry (*Celtis* sp.), mistletoe (*Phoradendron* sp.), sand sage (*Artemisia filifolia*), engelmann's prickly pear (*Opuntia engelmannii*), bamboo grass (unknown sp.) (Family Poacea; subfamily Bambusoideae), cattail (*Typha* sp.), and hollyhock devil's claw (*Proboscidea altheaifolia*).

Wildlife: Species of wildlife observed within the action area include: Black-tailed jackrabbit (*Lepus californicus*), desert cottontail (*Sylvilagus audubonii*), white-winged dove (*Zenaida asiatica*), rock dove (*Columba livia*), Swainson's hawk (*Buteo swainsoni*), mallard (*Anas platyrhynchos*), sparrow (unknown spp.), squirrel (*Spermophilus* sp.), evidence of burrowing wildlife (lizards, snakes, and/or small mammals), fire ants (*Pogonomermyx* spp.), and sulfur butterfly (yellow and white varieties) (unknown spp.).

## 4. Methods

Background research included accessing the THC's online Historic Site Atlas, as well as survey reports and site files online at THC's Restricted Cultural Resource Information (RCRI) database. These resources were examined in order to identify any previously recorded sites and past investigations within the vicinity of the project area. Aerial photographs, USGS 7.5 minute

quads, geologic maps, and USDA soil survey maps were also examined prior to the field investigation.

An archaeologist from SMA then conducted a 100% pedestrian survey of the proposed APE. The survey was conducted by walking along the centerline of the route of the proposed waterline.

## **5. Results**

### **5.1 Results of Background Research**

The results of the background research indicate that no prehistoric or historic archaeological sites have been previously recorded within the proposed project area. However, the proposed project area is situated within the boundaries of a National Register District, the Elephant Butte Irrigation District. Additionally, eight previously recorded sites were recorded within approximately a mile of the project area: 41EP5430 (an historic/archaic lithic/ceramic artifact scatter) and 41EP869, 41EP870, 41EP871, 41EP872, 41EP873, 41EP874, and 41EP4748 (all of which are prehistoric lithic scatters).

### **5.2 Survey Results**

The total acreage of area surveyed is approximately 40.3 acres. The proposed project calls for trenching and installation of the proposed waterlines. The project area lies on the floodplain of the Rio Grande up to the toe slopes of the Franklin Mountains which lay approximately five miles to the east. The project area consists of developed and undeveloped land in and around Vinton. The project area is traversed in various locations by arroyos, man-made and natural drainages, irrigation features, previous agricultural fields, land development, railroad construction, and abuts a federally designated wetlands area.

## **6. Summary and Recommendations**

Due to the amount of development in the area and most of the proposed project area being in the floodplain, very little cultural remains, besides from modern refuse, were observed. The field survey, conducted over three days between November 2 & 4, 2011 under Antiquities Permit 6074, revealed no cultural resource sites in the project area.

In addition, even though the project area is located in the EBID Historic District, no remains of the EBID irrigation system are present in the survey area. Therefore, cultural resource clearance for the proposed project is recommended.

In the unlikely event that cultural materials are encountered during construction, all work should cease at the location of the findings and an Archaeologist at the THC-Archaeology Division contacted. In such a case, work will not commence until authorized by the required agencies and any findings will be evaluated for their significance relative to the Antiquities Code of Texas and Section 106 of the NHPA.

**Appendix E5**  
**Habitat Report**



# Vinton Water System Improvements Project Biological Evaluation Vinton, Texas



**December 9, 2011**



**Souder, Miller & Associates**  
*Engineering ♦ Environmental ♦ Surveying*

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### APPENDICES

A: Maps of Project Area

B: Photos of Project Area

C: U. S. Fish & Wildlife Service, Listed and Sensitive Species in El Paso County, Texas

D: Texas Parks & Wildlife Department, Annotated County Lists of Rare Species in El Paso County, Texas

E: Texas Parks & Wildlife Department, Endangered and Threatened Plants in Texas and the United States

F: United States Department of Agriculture, Invasive and Noxious Weeds

G: List of Birds Protected by the Migratory Bird Treaty Act

H: Resumes of Personnel

**VINTON WATER SYSTEM IMPROVEMENTS PROJECT**  
**BIOLOGICAL EVALUATION**  
**VINTON, TEXAS**

1. **SMA Project Number:** 1321316
2. **USFWS Consultation Number:** N/A
3. **Report Date:** December 9, 2011
4. **Author:** Nicole M. Harings
5. **Consultant:** Souder, Miller & Associates  
401 N. Seventeenth St., Suite 4  
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Phone: (575) 647-0799
6. **Date of Field Work:** October 19, 2011 and November 2, 2011
7. **Description of Investigation:** Pedestrian survey – Investigated subject areas for endangered and threatened species and their potential habitat, candidate species, species of concern, noxious weeds, rare plants, and existing plants and animals.
8. **Size of Survey Area:** Approximately 38,183 linear feet of roadway and wilderness (8 feet width); the village of Vinton (Vinton) is approximately 2.4 sq miles (6.3 sq km) total. Areas evaluated included roads, road shoulders, easements, arroyos, and open desert fields.
9. **USGS Topographic Map & Aerial Photo Map:** The area of potential effect (APE) for the proposed water systems improvement project is shown on the Canutillo, TX, U.S.G.S. topographic map (31106-H5) in Figure 1 and the APE is illustrated on an aerial photograph in Figure 2. Both Figure 1 and Figure 2 are included in Appendix A.
10. **Location:** The site evaluated is located approximately 3 miles south of the New Mexico/Texas border in the Village of Vinton (Vinton), TX. The project site can be reached by taking Interstate 10 east, then taking the Vinton exit and heading west. The project area lies mainly between Texas Highway 20 and Interstate 10.
11. **Site Description:** The proposed project area, referred to as the action area or APE, is located in and around Vinton, TX approximately 3 miles south of the New Mexico/Texas border and 17 miles north of El Paso, Texas. The action area consists of road edges, arroyos and open desert fields. The project area crosses BNSF railroad right-of-ways. The surrounding area is urban developed. The action area has largely been disturbed by humans as evidenced by signs, gas lines, power lines, waterlines, and modern refuse.

With regard to habitat, the action area lies within areas that have either no vegetation (urban areas) or mostly original native habitat (arroyos and open fields) consisting of Chihuahuan vegetation, with large spaces of exposed top soil between shrubs in open fields.

The elevation within the action area ranges from approximately 3,780 to 3,800 feet above mean sea level. According to the National Resources Conservation Service, Soil Survey of El Paso County Area, Texas (U. S. Department of Agriculture, 2009), soils within the action area include Bluepoint association, Harkey loam, Made land (Gila soil material), Delnorte-Canutillo association, Glendale silty clay loam, Water, Pajarito association, and Agustin association.

**12. Project Description:** The Village of Vinton proposes to increase the reliability of the water system within the Village of Vinton (Vinton). To this end, approximately 4,300 linear feet of 6-inch, 5,900 linear feet of 8-inch and 25,700 linear feet of 12-inch waterlines, gate valves and appurtenances, approximately 50 fire hydrants, 2 pressure reducing valves, approximately 160 water service connections, removal and replacement of HMAC, testing, dewatering, trench safety and traffic control is proposed.

**13. Observations:** Site visits were conducted on October 16, 2011 and November 2, 2011 which involved observing the existing habitat of the proposed action area.

a. PSC Vinton Water Systems Improvement Project Area (road edges and open fields):

- Existing Conditions: The action area exists along road edges, arroyos, and open fields. (Appendix A, Figures 1 and 2). The portion of the action area beyond the roadway consists of relatively disturbed, open/vegetated space, and urban developed neighborhoods.
- Vegetation: Vegetation observed within the action area consists of the following species: honey mesquite (*Prosopis glandulosa*), purple prickly-pear (*Opuntia macrocentra*), desert willow (*Chilopsis linearis*), desert Christmas cactus (*Cylindropuntia leptocaulis*), dropseed grasses (*Sporobolus* spp.), sixweeks grama (*Bouteloua barbata*), four-wing saltbush (*Atriplex canescens*), mormon tea (*Ephedra* sp.), Russian thistle (*Salsola tragus*), tumbleweed (*Amaranthus albus*), Palmer's pigweed (*Amaranthus palmeri*), Soap-tree yucca (*Yucca elata*), creosote bush (*Larrea tridentata*), southwestern rabbitbrush (*Ericameria pulchella*), salt cedar (*Tamarix* sp.), engelmann's prickly pear (*Opuntia engelmannii*), hollyhock devil's claw (*Proboscidea altheaifolia*), puncturvine (*Tribulus terrestris*), ocotillo (*Fouquieria splendens*), sand sage (*Artemisia filifolia*), and silverleaf nightshade (*Solanum elaeagnifolium*).
- Wildlife: Species of wildlife observed within the action area include: Black-tailed jackrabbit (*Lepus californicus*), desert cottontail (*Sylvilagus audubonii*), white-winged dove (*Zenaida asiatica*), rock dove (*Columba livia*), Swainson's hawk (*Buteo swainsoni*), sparrow (unknown spp.) (order *Passeriformes*), little striped

whiptail (*Aspidoscelis inornata*), evidence of burrowing wildlife (lizards, snakes, and/or small mammals), fire ants (*Pogonomermys* spp.), honey bees (unknown spp.) (order *Hymenoptera*; family *Apidae*), sulfur butterfly (yellow varieties) (unknown spp.) (order *Lepidoptera*), and dragonfly and damselfly (order *Odonata*).

- 14. Determinations:** The following determinations were made for the proposed project. The determinations take into consideration if any suitable habitat occurs in the areas to be affected, with regard to any federally endangered, threatened, candidate species, and species of concern that may occur in El Paso County, Texas, according to lists obtained from U. S. Fish and Wildlife Service (USFWS) and Texas Parks & Wildlife Department (TPWD) (Appendices C and D). Candidate species and species of concern are not protected under the Endangered Species Act, as amended. However, the status of these species is monitored by USFWS. These determinations have been made based on a site visit to the project area and on available information for the species. Additionally, Texas rare plants, noxious weeds, and migratory birds were taken into consideration during the site visit.

### **Endangered Species**

a. Least Tern – Interior Population (*Sterna antillarum*):

- i. Habitat: The habitat of the interior least tern typically consists of barren to sparsely vegetated sandbars along rivers, sand and gravel pits, or lake and reservoir shorelines where there is a source of fish which they feed on, according to the USFWS. The range of the interior least tern includes isolated areas along the Mississippi, Missouri, Ohio, Red, and Rio Grande river systems. In Texas, interior least terns are found at three reservoirs along the Rio Grande River, on the Canadian River in the northern Panhandle, on the Prairie Dog Town Fork of the Red River in the eastern Panhandle, and along the Red River (Texas/Oklahoma boundary) into Arkansas its distribution is generally restricted to river segments that have not been altered or disturbed. Their winter home range is not well known, but probably includes coastal areas of Central and South America, according to reported observations.
- ii. Determination: Based on available information and a site visit to the action area, the preferred habitat of the interior least tern does not appear to exist within the action area. The effect determination for the least tern is “no effect.”

b. Northern Aplomado Falcon (*Falco femoralis septentrionalis*):

- i. Habitat: Northern aplomado falcons are known to have bred historically in southern New Mexico, Arizona, and Texas. They range primarily in Mexico, with the southwestern United States at the northern limit of their range. They inhabit grassland, savanna, and other open woodland habitats. In Texas, northern aplomado falcons are found in the southern and Trans-Pecos Regions. Chihuahuan desert areas with open grassland and scattered trees and shrubs are



typical habitats. Recent releases of northern aplomado falcons have occurred along the southern border of Texas. As of 2002, only one nest has been observed along the border of Mexico and New Mexico, southeast of Deming, NM. The USFWS has proposed to reintroduce a nonessential experimental population of northern aplomado falcons in New Mexico and Arizona. The proposed nonessential population area covers all of New Mexico and Arizona, with the expectation that falcons would only persist within the Chihuahuan desert, which extends from Mexico into southern Texas, southern New Mexico, and southeast Arizona. According to a U. S. Department of Interior News Release (August 1, 2006) and The Peregrine Fund website, 11 northern aplomado falcons were released in August 2006 at the Armenderis Ranch east of Truth or Consequences, New Mexico. This population is considered to be an experimental, non-essential population.

- ii. Determination: Based on available information and the site visit, the action area has little preferred habitat of the northern aplomado falcon and no aplomado falcons or raptor nests were observed during the survey. The effect determination for the northern aplomado falcon is “no effect.”
- c. Southwestern Willow Flycatcher (*Empidonax traillii extimus*):
- i. Habitat: The habitat of the endangered southwestern willow flycatcher typically consists of dense riparian habitat along rivers, streams, marshes, or other wetlands. Their habitat is within close proximity of water or very saturated soil and is usually dominated by vegetation such as willows, cottonwood, tamarisk, and perhaps Russian olive trees. Their breeding range includes southern California, extreme northern Baja California del Norte and Sonora, Arizona, New Mexico, extreme southern portions of Nevada and Utah, extreme southwestern Colorado, and western Texas. They mainly use riparian woodlands during the breeding season. They feed mainly on insects which they will catch in mid-air and glean off of foliage.
  - ii. Determination: Based on the site visit of the area to be affected, and based on available information, it does not appear that the preferred habitat of the southwestern willow flycatcher occurs within the action area. Furthermore, there is no designated critical habitat for the flycatcher in or near the action area. The effect determination for the southwestern willow flycatcher is “no effect.”
- e. Sneed’s Pincushion Cactus (*Coryphantha sneedii var. sneedii*):
- i. Habitat: The Sneed’s pincushion cactus grows on limestone ledges and the rocky slopes of limestone mountains in desert and desert grassland habitats. This species is presently known to occur on most of the Franklin Mountains of El Paso County, Texas and Doña Ana County, New Mexico. It also occurs in the southern portion of the Organ Mountains of New Mexico and in the Guadalupe Mountains of Texas and New Mexico. In total, there are 20 documented localities for

Sneed's pincushion cactus – nine in the Franklin Mountains, two in the Organ Mountains, and nine in the Guadalupe Mountains.

- ii. Determination: Based on available data and descriptions of the Sneed's pincushion cactus, in addition to observations of the action area, it appears that the Sneed's pincushion cactus does not occur within the proposed action area. Preferred habitat such as limestone ledges and rocky slopes do not exist in the action area. No Sneed's pincushion cacti were observed during the survey and the action area is not within one of the previously documented locales. The effect determination for the Sneed's pincushion cactus is "no effect."

### **Threatened Species**

a. Mexican Spotted Owl (*Strix occidentalis lucida*):

- i. Habitat: The Mexican spotted owl commonly inhabits old-growth mixed coniferous forests and has been observed in areas with steep slopes and canyons with rocky cliffs. Other habitat characteristics of this species include high canopy closure, high stand density, a multi-layered canopy, uneven-aged stands, numerous snags, and downed woody matter. According to the USFWS, Mexican spotted owls nest, roost, forage, and disperse in a diverse assemblage of biotic communities. Mixed-conifer forests are commonly used by the owls throughout most of the range which may include Douglas-fir and/or white fir, with codominant species including southwestern white pine, limber pine, and ponderosa pine. The understory often contains the above coniferous species as well as broadleaved species such as Gambel oak, maples, box elder, and/or New Mexico locust. In southern Arizona and Mexico, Madrean pine-oak forests are also commonly used. These forests are typically dominated by an overstory of Chihuahua and Apache pines (and probably other species in Mexico) in conjunction with species such as Douglas-fir, ponderosa pine, and Arizona cypress. Evergreen oaks are typically prominent in the understory. In the northern part of the range, including southern Utah, southern Colorado, and far northern Arizona and New Mexico, owls occur primarily in rocky canyons.

Spotted owls nest and roost primarily in closed-canopy forests or rocky canyons, such as on cliff ledges, in stick nests built by other birds, on debris platforms in trees, and in tree cavities. In southern Utah, Colorado, and some portions of northern New Mexico, most nests are in caves or on cliff ledges in rocky canyons. Elsewhere, they also use caves and cliffs, but the majority of nests appear to be in trees. Forests used for roosting and nesting often contain mature or old-growth stands with complex structure, are typically uneven-aged, multi-storied, and have high canopy closure. A wider variety of trees are used for roosting, but again Douglas-fir is the most commonly used species. The range of this species extends from southern Utah and Colorado, through Arizona, New Mexico, and west Texas, to the mountains of central Mexico. They feed on small mammals, such as mice, rats, voles, gophers, and cottontail rabbits.

- ii. Determination: Based on designated critical habitat unit maps available from the USFWS, there is no designated critical habitat for the Mexican spotted owl within or near the action area. In addition, the preferred habitat of this species does not appear to be present in the action area. The effect determination for the Mexican spotted owl is “no effect.”

### **Candidate Species**

- a. Yellow-Billed Cuckoo (*Coccyzus americanus*):

- i. Habitat: The yellow-billed cuckoo, a candidate species, is an obligate riparian nester. They mostly breed in streamside forests, especially areas dominated by white alder (*Alnus rhombifolia*), sycamore (*Plantanus* sp.), bigleaf maple (*Acer macrophyllum*), willow (*Salix* sp.), and cottonwood stands (*Populus* sp.). Other habitat characteristics include moist thickets, overgrown pastures, and orchards. This species ranges from California, to Minnesota and southern New Brunswick and southward. The cuckoo winters in South America. The western populations are separated from the eastern populations by the Rocky Mountains in Montana, Wyoming, and the northern and central parts of Colorado, and by the eastern crest of the Rio Grande watershed in southern Colorado, New Mexico, and western Texas. They are regular migrants and breeders throughout New Mexico where suitable riparian habitat is available, such as along the Rio Grande, Pecos River, Gila River, Mogollon Creek, San Francisco River Valley, Tularosa River, Ute Creek, Canadian River, and on the Gray Ranch in Hidalgo County. They appear in Texas from April through November. They feed on caterpillars, grasshoppers, beetles, ants, wasps, frogs, lizards, small fruit, and various other insects.
- ii. Determination: Based on observations and on available data, the preferred habitat of the yellow-billed cuckoo does not appear to be present within the action area. The effect determination for the yellow-billed cuckoo is “no effect.”

### **Species of Concern**

Although they are not protected by the Endangered Species Act, federal species of concern (Appendix C) and Texas species of concern (Appendix D) were also taken into consideration during the site visit. Recent lists of species of concern for El Paso County were obtained from USFWS and TPWD. Based on field observations and available information on these species of concern, there appears to be no preferred habitat areas within the action area. In addition, no species of concern were observed in the areas to be affected during the time of the site visit. The effect determination for the species of concern is “no effect.”

### **Rare Plants**

During the site evaluation, care was given to look for Texas rare plants, according to a list

obtained from the Texas Parks & Wildlife Department list of Endangered and Threatened Plants in Texas and the United States. The list for El Paso, County is provided in Appendix E. No listed rare plants were observed in the action area during the time of the site visit and the action area is not within one of the previously documented locales. Although Sneed's pincushion cactus has been known to exist in El Paso, County, there is no suitable habitat within the action area and no Sneed's pincushion cacti were observed.

### **Noxious Weeds**

Attention was also given to look for listed noxious weeds. United States Department of Agriculture (USDA), Invasive and Noxious Weeds List was used as resources for currently listed weeds. This list is provided in Appendix F. Salt cedar (*Tamarix* sp.) is a noxious weed that was observed in the action area during the site visit.

### **Migratory Birds**

There were no birds protected by the Migratory Bird Treaty Act observed within the project area. Due to the presence of wetlands, migratory birds may periodically inhabit or utilize the action area. A list of birds protected by the Migratory Bird Treaty Act is provided in Appendix G.

## **15. Conclusions:**

- a. Federally Listed Species and Candidate Species: In conclusion, based on the site evaluation and existing data, it has been determined that there will likely be *no effects to federally endangered, threatened, and candidate species and their designated critical habitat* as a result of the proposed project.
- b. Species of Concern: Species of concern are not protected under the Endangered Species Act. However, USFWS recommends mitigation efforts to be taken in order to prevent species of concern from becoming listed as threatened or endangered. The proposed action will likely not impact any species of concern.
- c. Rare Plants: No rare plants, as listed on the Texas Parks & Wildlife Department list of Endangered and Threatened Plants in Texas and the United States, were observed within the action area. Suitable habitat conditions were not found to be present for the listed rare plants in the action area.
- d. Noxious Weeds: Salt cedar (*Tamarix* sp.) is a species on the USDA Invasive and Noxious Weed List that was observed in the action area. It is recommended that preventative measures should be taken to reduce the likelihood of spreading noxious weeds during construction activities, in addition to bringing in other noxious weeds onto the property, and transporting seeds from the site to other areas. For example, heavy equipment should be inspected and cleaned to remove any mud or soil adhering to the equipment, which may harbor seeds of noxious weeds, prior to construction and transportation of any heavy equipment to the project site, and prior


to transport of heavy equipment off-site.

- e. Migratory Birds: Because migratory birds may occur within the project area, it is important to understand that the Migratory Bird Treaty Act (MBTA) prohibits the taking of migratory birds, nests, and eggs, except as permitted by USFWS. To minimize the likelihood of adverse impacts to all birds protected under the MBTA, it is recommended that any clearing of shrubs, trees, yuccas, or cacti, and any activities in undisturbed areas should occur outside the general migratory bird nesting season of March through August, such as during the fall and winter months. Otherwise, if any clearing, trenching, and blading activities requiring disturbance of shrubs, trees, yuccas, or cacti are proposed to take place during the nesting season, these areas should be surveyed for active or occupied bird nests. If active bird nests are found, there are two options: (1) These areas should be avoided until nesting is complete, or (2) Before any active nests can be removed, a permit from USFWS will be required.
- f. Wildlife Mitigation Recommendations: USFWS strongly recommends that methods be implemented to minimize accidental trapping of wildlife during construction activities. For example, excavation and backfilling should be conducted concurrently when possible. In addition, it is recommended that crews leave a minimal amount of excavation open overnight and that escape ramps be provided for trapped wildlife. Construction crews should be advised to check any excavations left overnight for animals that may have become trapped, before backfilling excavated areas. After construction activities are completed, the disturbed land surfaces should be restored to essentially the same conditions as they were found. The use of native plants and grass seed during restoration to provide vegetative cover for erosion control and aesthetics should be employed as much as possible.

As described above under “Migratory Birds,” per the recommendation of USFWS to minimize the likelihood of adverse impacts to all birds protected under the MBTA, it is recommended that any construction activities occur outside the general migratory bird nesting season of March through August. If any construction is proposed to take place during the nesting season, these areas should be surveyed for active or occupied bird nests. If active nests are found, these areas should be avoided until nesting is complete. Before any active nests can be removed, a permit from the USFWS will be required.

**16. Report Preparation**

SMA prepared this report for submittal to the United States Department of Agriculture Rural Development (USDA-RD). The undersigned hereby acknowledges personal knowledge of the information provided in this report.

  
\_\_\_\_\_  
Nicole M. Harings  
Staff Biologist

December 9, 2011  
Date



## REFERENCES

- Arnett, Jr., Dr. Ross H. and Dr. Richard L. Jacques, Jr. 1981. Simon & Schuster's Guide To Insects. Simon & Schuster, Inc. New York, New York. 511 pp.
- Little, Elbert L. 1980 (16<sup>th</sup> printing October 2000). National Audubon Society Field Guide to North American Trees – Western Region. Alfred A. Knopf, Inc. New York, New York. 639 pp.
- Milne, Lorus and Margery Milne. 1980. National Audubon Society Field Guide to North American Insects and Spiders. Alfred A. Knopf, Inc. New York, New York. 990 pp.
- NatureServe. 2010. NatureServe Explorer: An online encyclopedia of life [web application]. NatureServe, Arlington, Virginia. <http://www.natureserve.org/explorer>.
- Texas Parks & Wildlife Department. 2009. Sneed's Pincushion Cactus (*Coryphantha sneedii* var. *sneedii*). <http://www.tpwd.state.tx.us/huntwild/wild/species/sneedcac/>
- Texas Parks & Wildlife Department. 2009. Yellow-billed Cuckoo (*Coccyzus americanus*). <http://www.tpwd.state.tx.us/huntwild/wild/species/yellowbilledcuckoo/>
- Texas Parks & Wildlife Department. 2011. Endangered and Threatened Plants in Texas and the United States. <http://www.tpwd.state.tx.us/huntwild/wild/species/endang/plants/index.phtml>. (Latest update: February 14, 2011).
- Texas Parks & Wildlife Department. 2011. Rare, Threatened, and Endangered Species of Texas. Annotated County Lists of Rare Species in El Paso County. [http://gis2.tpwd.state.tx.us/ReportServer\\$GIS\\_EPASDE\\_SQL/Pages/ReportViewer.aspx?%2fReport+Project2%2fReport5&rs%3aCommand=Render&county=El+Paso](http://gis2.tpwd.state.tx.us/ReportServer$GIS_EPASDE_SQL/Pages/ReportViewer.aspx?%2fReport+Project2%2fReport5&rs%3aCommand=Render&county=El+Paso) (Latest update: February 28, 2011).
- U.S. Department of Agriculture. 2011. Natural Resources Conservation Service. Invasive and Noxious Weeds. <http://plants.usda.gov/java/noxComposite>
- U. S. Department of Agriculture. 2008. Part 360-Noxious Weed Regulations. 7 CFR Ch. III (1-1-08 Edition). Animal and Plant Health Inspection Service. Pgs. 573-575.
- U. S. Department of Agriculture. 2009. Soil Survey of El Paso County, Texas. National Resources Conservation Service in cooperation with U. S. Department of the Interior, Bureau of Land Management, and New Mexico Agricultural Experiment Station.
- U.S. Fish & Wildlife Service. 2010. Migratory Bird Program; Birds Protected by the Migratory Bird Treaty Act. <http://www.fws.gov/migratorybirds/RegulationsPolicies/mbta/mbtandx.html> (Latest update: November 23, 2010).

U. S. Fish & Wildlife Service. 2009. Critical Habitat Portal. <http://criticalhabitat.fws.gov/>

U.S. Fish & Wildlife Service. 2009. Endangered Species List for Texas (El Paso County). <http://www.fws.gov/southwest/es/EndangeredSpecies/lists/ListSpecies.cfm> (Latest update: January 9, 2009).

U. S. Fish & Wildlife Service. 2009. Endangered Species: Least Tern (Interior Population). <http://www.fws.gov/midwest/Endangered/birds/tern.html>.

U. S. Fish & Wildlife Service. 2006. Part 17 [Amended] 17.95 Critical Habitat – Southwestern Willow Flycatcher. Federal Register 50 CFR Part 17, Volume 70, No. 201. Pgs. 60982-61009.

U. S. Fish & Wildlife Service. 2001. Yellow-billed Cuckoo (*Coccyzus americanus*): General Species Information. Southwest Region 2: Arizona Ecological Services Field Office. <http://www.fws.gov/southwest/es/arizona/yellow.htm>.

U. S. Geological Survey. 2009. Southwestern Willow Flycatcher Reports and Publications, Colorado Plateau Research Station. Flagstaff, Arizona. <http://sbsc.wr.usgs.gov/cprs/research/projects/swwf/reports.asp#2008>.

Whitson, Tom D., et al. 2001. Weeds of the West. Ninth Edition. Publisher: Western Society of Weed Science. Newark, California. 626 pp.

**APPENDIX A – Maps of Project Area**

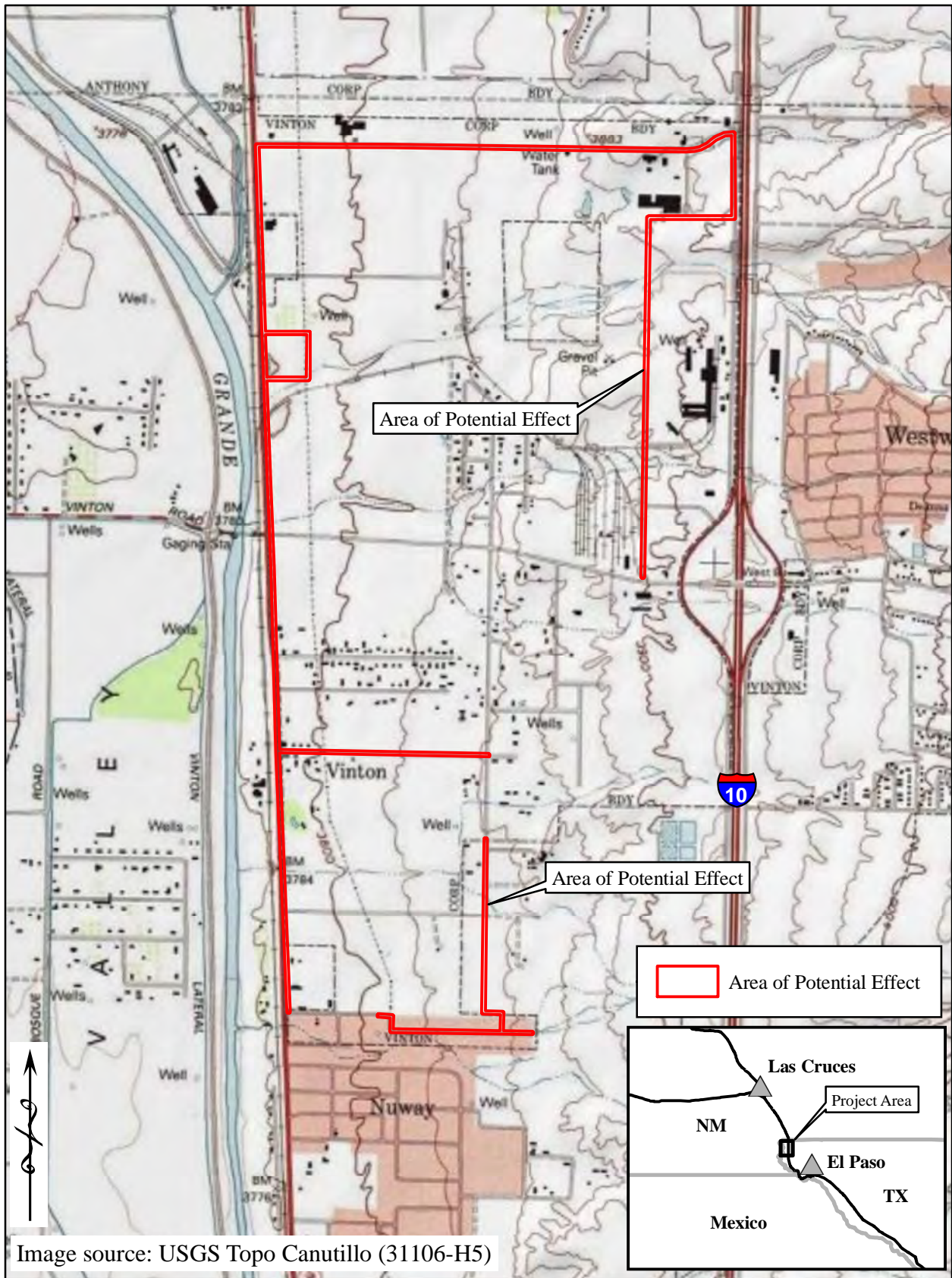


Image source: USGS Topo Canutillo (31106-H5)

Figure 1. Location of Area of Potential Effect on USGS Topographic Map.



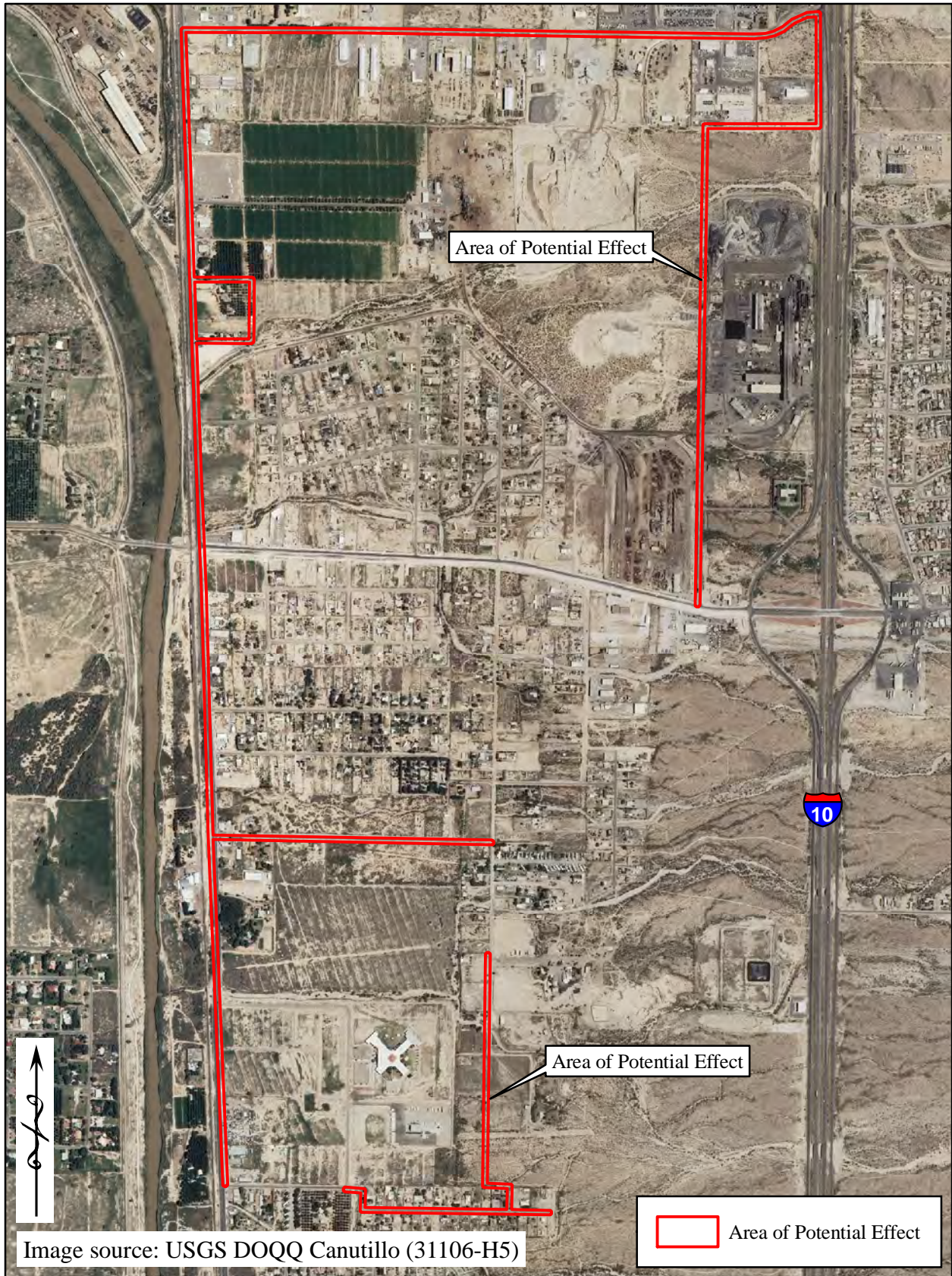


Figure 2. Location of Area of Potential Effect on USGS DOQQ.



**APPENDIX B – Photos of Project Area**



Photo 1. View of east end of Valley Chile Road, facing west.



Photo 2. View of access road facing south from Valley Chile Road.



Photo 3. View from Valley Chile Road 530, facing west.



Photo 4. View of Border Steel Road, facing north.







Photo 5. View gas pipeline on Border Steel Road.



Photo 6. View of marked gas pipeline along Border Steel Road.







Photo 7. View of action area towards Border Steel Road, facing south southeast.



Photo 8. View east of action area, facing east.





Photo 9. View of action area north of Border Steel Road, facing north.



Photo 10. View just north of Border Steel Road, facing northeast.







Photo 11. View of crane east of action area, facing east.



Photo 12. View from Border Steel Road, facing south.





Photo 13. View of Border Steel Road, facing north.



Photo 14. View of Border Steel Road, facing north.





Photo 15. View of Border Steel Road, facing south.



Photo 16. View north of Border Steel Road, facing north.







Photo 17. View of action area north of Border Steel Road, facing southwest.



Photo 18. View of arroyo northwest of Border Steel Road.







Photo 19. View of action area north of Border Steel Road, facing east.



Photo 20. View of survey marker, near Border Steel Road.





Photo 21. View from Chicken Farm Road, facing north.



Photo 22. View of Chicken Farm Road, facing north.







Photo 23. View of action area past south end of Kiely Road, facing south.



Photo 24. View of action area near trailer housing, facing southeast.





Photo 25. View of trailer housing beyond action area, facing east.



Photo 26. View of arroyo in and beyond action area, facing east.







Photo 27. View of arroyo in action area, facing west.



Photo 28. View of arroyo and landscape in action area facing south.







Photo 29. View of small mammal burrow in action area.



Photo 30. View of action area, facing south.







Photo 31. View from southern portion of action area, facing north.



Photo 32. View of southern portion of action area, facing south.







Photo 33. View of action along fence, facing east.



Photo 34. View of southern portion of action area, facing west.





Photo 35. View of cattle chute near action area.



**APPENDIX C – U. S. Fish and Wildlife Service List of Federal Endangered, Threatened, and Candidate Species and Species of Concern in Texas (for El Paso County)**



Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Birds	Yellow-billed Cuckoo (Coccyzus)	Western U.S. DPS	Candidate	Sacramento Fish And Wildlife		
Birds	northern aplomado falcon (Falco)	Entire, except where listed as	Endangered	New Mexico Ecological Services	Aplomado Falcon (Northern)	Final
Birds	Mexican spotted owl (Strix)		Threatened	Arizona Ecological Services	Draft Recovery Plan for the	Draft Revision 1
Birds	Least tern (Sterna antillarum)	interior pop.	Endangered	Mississippi Ecological Services	Least Tern (Interior Pop.)	Final
Birds	Southwestern willow flycatcher		Endangered	Arizona Ecological Services	Final Recovery Plan for the	Final
Flowering Plants	Sneed pincushion cactus		Endangered	New Mexico Ecological Services	Sneed/Lee Pincushion Cactus	Final

**APPENDIX D – Texas Parks & Wildlife Department, Annotated County Lists of Rare Species in El Paso County, Texas**

## EL PASO COUNTY

### AMPHIBIANS

Federal Status

State Status

**Northern leopard frog**      *Rana pipiens*

streams, ponds, lakes, wet prairies, and other bodies of water; will range into grassy, herbaceous areas some distance from water; eggs laid March-May and tadpoles transform late June-August; may have disappeared from El Paso County due to habitat alteration

### BIRDS

Federal Status

State Status

**American Peregrine Falcon**      *Falco peregrinus anatum*

DL

T

year-round resident and local breeder in west Texas, nests in tall cliff eyries; also, migrant across state from more northern breeding areas in US and Canada, winters along coast and farther south; occupies wide range of habitats during migration, including urban, concentrations along coast and barrier islands; low-altitude migrant, stopovers at leading landscape edges such as lake shores, coastlines, and barrier islands.

**Arctic Peregrine Falcon**      *Falco peregrinus tundrius*

DL

migrant throughout state from subspecies' far northern breeding range, winters along coast and farther south; occupies wide range of habitats during migration, including urban, concentrations along coast and barrier islands; low-altitude migrant, stopovers at leading landscape edges such as lake shores, coastlines, and barrier islands.

**Baird's Sparrow**      *Ammodramus bairdii*

shortgrass prairie with scattered low bushes and matted vegetation; mostly migratory in western half of State, though winters in Mexico and just across Rio Grande into Texas from Brewster through Hudspeth counties

**Ferruginous Hawk**      *Buteo regalis*

open country, primarily prairies, plains, and badlands; nests in tall trees along streams or on steep slopes, cliff ledges, river-cut banks, hillsides, power line towers; year-round resident in northwestern high plains, wintering elsewhere throughout western 2/3 of Texas

**Interior Least Tern**      *Sterna antillarum athalassos*

LE

E

subspecies is listed only when inland (more than 50 miles from a coastline); nests along sand and gravel bars within braided streams, rivers; also know to nest on man-made structures (inland beaches, wastewater treatment plants, gravel mines, etc); eats small fish and crustaceans, when breeding forages within a few hundred feet of colony

**Mexican Spotted Owl**      *Strix occidentalis lucida*

LT

T

remote, shaded canyons of coniferous mountain woodlands (pine and fir); nocturnal predator of mostly small rodents and insects; day roosts in densely vegetated trees, rocky areas, or caves

**Montezuma Quail**      *Cyrtonyx montezumae*

open pine-oak or juniper-oak with ground cover of bunch grass on flats and slopes of semi-desert mountains and hills; travels in pairs or small groups; eats succulents, acorns, nuts, and weed seeds, as well as various invertebrates



## EL PASO COUNTY

### BIRDS

		Federal Status	State Status
<b>Northern Aplomado Falcon</b>	<i>Falco femoralis septentrionalis</i>	LE	E
open country, especially savanna and open woodland, and sometimes in very barren areas; grassy plains and valleys with scattered mesquite, yucca, and cactus; nests in old stick nests of other bird species			
<b>Peregrine Falcon</b>	<i>Falco peregrinus</i>	DL	T
both subspecies migrate across the state from more northern breeding areas in US and Canada to winter along coast and farther south; subspecies (F. p. anatum) is also a resident breeder in west Texas; the two subspecies' listing statuses differ, F.p. tundrius is no longer listed in Texas; but because the subspecies are not easily distinguishable at a distance, reference is generally made only to the species level; see subspecies for habitat.			
<b>Prairie Falcon</b>	<i>Falco mexicanus</i>		
open, mountainous areas, plains and prairie; nests on cliffs			
<b>Snowy Plover</b>	<i>Charadrius alexandrinus</i>		
formerly an uncommon breeder in the Panhandle; potential migrant; winter along coast			
<b>Southwestern Willow Flycatcher</b>	<i>Empidonax traillii extimus</i>	LE	E
thickets of willow, cottonwood, mesquite, and other species along desert streams			
<b>Sprague's Pipit</b>	<i>Anthus spragueii</i>	C	
only in Texas during migration and winter, mid September to early April; short to medium distance, diurnal migrant; strongly tied to native upland prairie, can be locally common in coastal grasslands, uncommon to rare further west; sensitive to patch size and avoids edges.			
<b>Western Burrowing Owl</b>	<i>Athene cunicularia hypugaea</i>		
open grasslands, especially prairie, plains, and savanna, sometimes in open areas such as vacant lots near human habitation or airports; nests and roosts in abandoned burrows			
<b>Western Snowy Plover</b>	<i>Charadrius alexandrinus nivosus</i>		
uncommon breeder in the Panhandle; potential migrant; winter along coast			
<b>Western Yellow-billed Cuckoo</b>	<i>Coccyzus americanus occidentalis</i>	C;NL	
status applies only to western population beyond the Pecos River Drainage; breeds in riparian habitat and associated drainages; springs, developed wells, and earthen ponds supporting mesic vegetation; deciduous woodlands with cottonwoods and willows; dense understory foliage is important for nest site selection; nests in willow, mesquite, cottonwood, and hackberry; forages in similar riparian woodlands; breeding season mid-May-late Sept			

### FISHES

		Federal Status	State Status
<b>Bluntnose shiner</b>	<i>Notropis simus simus</i>		T
extinct; Rio Grande; main river channel, often below obstructions over substrate of sand, gravel, and silt; damming and irrigation practices presumed major factors contributing to decline			
<b>Rio Grande silvery minnow</b>	<i>Hybognathus amarus</i>	LE	E

## EL PASO COUNTY

### FISHES

Federal Status

State Status

extirpated; historically Rio Grande and Pecos River systems and canals; reintroduced in Big Bend area; pools and backwaters of medium to large streams with low or moderate gradient in mud, sand, or gravel bottom; ingests mud and bottom ooze for algae and other organic matter; probably spawns on silt substrates of quiet coves

### INSECTS

Federal Status

State Status

#### A Royal moth

*Sphingicampa raspa*

woodland - hardwood; with oaks, junipers, legumes and other woody trees and shrubs; good density of legume caterpillar foodplants must be present; Prairie acacia (*Acacia augustissima*) is the documented caterpillar foodplant, but there could be a few other woody legumes used

#### A tiger beetle

*Cicindela hornii*

grassland/herbaceous; burrowing in or using soil; dry areas on hillside or mesas where soil is rocky or loamy and covered with grasses, invertivore; diurnal, hibernates/aestivates, active mostly for several days after heavy rains. the life cycle probably takes two years so larvae would always be present in burrows in the soil

#### Barbara Ann's tiger beetle

*Cicindela politula barbarannae*

limestone outcrops in arid treeless environments or in openings within less arid pine-juniper-oak communities; open limestone substrate itself is almost certainly an essential feature; roads and trails

#### Poling's hairstreak

*Fixsenia polingi*

oak woodland with *Quercus grisea* as substantial component, probably also uses *Q. emoryi*; larvae feed on new growth of *Q. grisea*, adults utilize nectar from a variety of flowers including milkweed and catslaw acacia; adults fly mid May - Jun, again mid Aug - early Sept

### MAMMALS

Federal Status

State Status

#### Big free-tailed bat

*Nyctinomops macrotis*

habitat data sparse but records indicate that species prefers to roost in crevices and cracks in high canyon walls, but will use buildings, as well; reproduction data sparse, gives birth to single offspring late June-early July; females gather in nursery colonies; winter habits undetermined, but may hibernate in the Trans-Pecos; opportunistic insectivore

#### Black bear

*Ursus americanus*

T/SA;NL

T

bottomland hardwoods and large tracts of inaccessible forested areas; due to field characteristics similar to Louisiana Black Bear (LT, T), treat all east Texas black bears as federal and state listed Threatened

#### Black-footed ferret

*Mustela nigripes*

LE

extirpated; inhabited prairie dog towns in the general area

#### Black-tailed prairie dog

*Cynomys ludovicianus*

dry, flat, short grasslands with low, relatively sparse vegetation, including areas overgrazed by cattle; live in large family groups

## EL PASO COUNTY

### MAMMALS

Federal Status

State Status

**Cave myotis bat**

*Myotis velifer*

colonial and cave-dwelling; also roosts in rock crevices, old buildings, carports, under bridges, and even in abandoned Cliff Swallow (*Hirundo pyrrhonota*) nests; roosts in clusters of up to thousands of individuals; hibernates in limestone caves of Edwards Plateau and gypsum cave of Panhandle during winter; opportunistic insectivore

**Desert pocket gopher**

*Geomys arenarius*

cottonwood-willow association along the Rio Grande in El Paso and Hudspeth counties; live underground, but build large and conspicuous mounds; life history not well documented, but presumed to eat mostly vegetation, be active year round, and bear more than one litter per year

**Fringed bat**

*Myotis thysanodes*

habitat variable, ranging from mountainous pine, oak, and pinyon-juniper to desert-scrub, but prefers grasslands at intermediate elevations; highly migratory species that arrives in Trans-Pecos by May to form nursery colonies; single offspring born June-July; roosts colonially in caves, mine tunnels, rock crevices, and old buildings

**Gray wolf**

*Canis lupus*

LE

E

extirpated; formerly known throughout the western two-thirds of the state in forests, brushlands, or grasslands

**Long-legged bat**

*Myotis volans*

in Texas, Trans-Pecos region; high, open woods and mountainous terrain; nursery colonies (which may contain several hundred individuals) form in summer in buildings, crevices, and hollow trees; apparently do not use caves as day roosts, but may use such sites at night; single offspring born June-July

**Pale Townsend's big-eared bat** *Corynorhinus townsendii pallescens*

roosts in caves, abandoned mine tunnels, and occasionally old buildings; hibernates in groups during winter; in summer months, males and females separate into solitary roosts and maternity colonies, respectively; single offspring born May-June; opportunistic insectivore

**Pecos River muskrat**

*Ondatra zibethicus ripensis*

creeks, rivers, lakes, drainage ditches, and canals; prefer shallow, fresh water with clumps of marshy vegetation, such as cattails, bulrushes, and sedges; live in dome-shaped lodges constructed of vegetation; diet is mainly vegetation; breed year round

**Western red bat**

*Lasiurus blossevillii*

roosts in tree foliage in riparian areas, also inhabits xeric thorn scrub and pine-oak forests; likely winter migrant to Mexico; multiple pups born mid-May - late Jun

**Western small-footed bat**

*Myotis ciliolabrum*

mountainous regions of the Trans-Pecos, usually in wooded areas, also found in grassland and desert scrub habitats; roosts beneath slabs of rock, behind loose tree bark, and in buildings; maternity colonies often small and located in abandoned houses, barns, and other similar structures; apparently occurs in Texas only during spring and summer months; insectivorous

**Yuma myotis bat**

*Myotis yumanensis*

## EL PASO COUNTY

### MAMMALS

Federal Status

State Status

desert regions; most commonly found in lowland habitats near open water, where forages; roosts in caves, abandoned mine tunnels, and buildings; season of partus is May to early July; usually only one young born to each female

### MOLLUSKS

Federal Status

State Status

#### Franklin Mountain talus snail *Sonorella metcalfi*

terrestrial; bare rock, talus, scree; inhabits igneous talus most commonly of rhyolitic origin

#### Franklin Mountain wood snail *Ashmunella pasonis*

terrestrial; bare rock, talus, scree; talus slopes, usually of limestone, but also of rhyolite, sandstone, and siltstone, in arid mountain ranges

### REPTILES

Federal Status

State Status

#### Big Bend slider *Trachemys gaigeae*

almost exclusively aquatic, sliders (*Trachemys* spp.) prefer quiet bodies of fresh water with muddy bottoms and abundant aquatic vegetation, which is their main food source; will bask on logs, rocks or banks of water bodies; breeding March-July

#### Chihuahuan Desert lyre snake *Trimorphodon vilkinsonii*

T

mostly crevice-dwelling in predominantly limestone-surfaced desert northwest of the Rio Grande from Big Bend to the Franklin Mountains, especially in areas with jumbled boulders and rock faults/fissures; secretive; egg-bearing; eats mostly lizards

#### Mountain short-horned lizard *Phrynosoma hernandesi*

T

diurnal, usually in open, shrubby, or openly wooded areas with sparse vegetation at ground level; soil may vary from rocky to sandy; burrows into soil or occupies rodent burrow when inactive; eats ants, spiders, snails, sowbugs, and other invertebrates; inactive during cold weather; breeds March-September

#### New Mexico garter snake *Thamnophis sirtalis dorsalis*

nearly any type of wet or moist habitat; irrigation ditches, and riparian-corridor farmlands, less often in running water; home range about 2 acres; active year round in warm weather, both diurnal and nocturnal, more nocturnal during hot weather; bears litter July-August

#### Texas horned lizard *Phrynosoma cornutum*

T

open, arid and semi-arid regions with sparse vegetation, including grass, cactus, scattered brush or scrubby trees; soil may vary in texture from sandy to rocky; burrows into soil, enters rodent burrows, or hides under rock when inactive; breeds March-September

### PLANTS

Federal Status

State Status

#### Comal snakewood *Colubrina stricta*



## EL PASO COUNTY

### PLANTS

Federal Status

State Status

in El Paso County, found in a patch of thorny shrubs in colluvial deposits and sandy soils at the base of an igneous rock outcrop; the historic Comal County record does not describe the habitat; in Mexico, found in shrublands on calcareous, gravelly, clay soils with woody associates; flowering late spring or early summer

**Desert night-blooming cereus** *Peniocereus greggii* var *greggii*

Chihuahuan Desert shrublands or shrub invaded grasslands in alluvial or gravelly soils at lower elevations, 1200-1500 m (3900-4900 ft), on slopes, benches, arroyos, flats, and washes; flowering synchronized over a few nights in early May to late June when almost all mature plants bloom, flowers last only one day and open just after dark, may flower as early as April

**Hueco rock-daisy** *Perityle huecoensis*

north-facing or otherwise mostly shaded limestone cliff faces within relatively mesic canyon system; flowering spring-fall

**Resin-leaf brickellbush** *Brickellia baccharidea*

mixed desert shrublands on bajada slopes and in arroyos on sandy or gravelly soils derived from limestone, but also known from igneous substrates; flowering September-April

**Sand prickly-pear** *Opuntia arenaria*

deep, loose or semi-stabilized sands in sparsely vegetated dune or sandhill areas, or sandy floodplains in arroyos; flowering May-June

**Sand sacahuista** *Nolina arenicola*

Texas endemic; mesquite-sand sage shrublands on windblown Quarternary reddish sand in dune areas; flowering time uncertain May-June, June-September

**Sneed's pincushion cactus** *Escobaria sneedii* var *sneedii*

LE

E

xeric limestone outcrops on rocky, usually steep slopes in desert mountains, in the Chihuahuan Desert succulent shrublands or grasslands; flowering April-September (peak usually in April, sometimes opportunistically after summer rains; fruiting August - November

**Texas false saltgrass** *Allolepis texana*

sandy to silty soils of valley bottoms and river floodplains, not generally on alkaline or saline sites; flowering (May-) July-October depending on rainfall

**Wheeler's spurge** *Chamaesyce geyeri* var *wheeleriana*

sparingly vegetated, loose eolian quartz sand on reddish sand dunes or coppice mounds; flowering and fruiting at least August-September, probably earlier and later, as well

**APPENDIX E – Texas Parks & Wildlife Department, Endangered and Threatened Plants  
in Texas and the United States**

- Endangered and Threatened Species Links:**
- [Mammals](#)
  - [Fish](#)
  - [Reptiles and Amphibians](#)
  - [Plants](#)
  - [Birds](#)
  - [Invertebrates](#)

- Additional Links**
- [Federal Endangered Species Act](#)
  - [Texas Threatened and Endangered Species Regulations](#)
  - [Rare, Threatened, and Endangered Species of Texas by County](#)
  - [Map of Texas Ecoregions](#)
    - [Natural Subregions of Texas](#)  
↓ (PDF 530.4 KB)
    - [Natural Subregions of Texas](#)  
↓ (JPG, 147.8 KB)
  - [Coordination and Review Requests \(Including Threatened and Endangered Species\)](#)  
↓ (Word 168.5 KB)

## Endangered and Threatened Plants in Texas and the United States

[Cacti](#) | [Trees and Shrubs](#) | [Wildflowers](#) | [Orchids](#) | [Grasses](#)

Cacti	State Status	Federal Status (Listed)
<a href="#">Tobusch Fishhook Cactus</a> <i>Sclerocactus brevihamatus</i> ssp. <i>tobuschii</i>	Endangered	Endangered
<a href="#">Bunched Cory Cactus</a> <i>Coryphantha ramillosa</i> ssp. <i>ramillosa</i>	Threatened	Threatened
<a href="#">Black Lace Cactus</a> <i>Echinocereus reichenbachii</i> var. <i>albertii</i>	Endangered	Endangered
<a href="#">Davis' Green Pitaya</a> <i>Echinocereus davisii</i>	Endangered	Endangered
<a href="#">Chisos Mountains Hedgehog Cactus</a> <i>Echinocereus chisoensis</i> var. <i>chisoensis</i>	Threatened	Threatened
<a href="#">Lloyd's Mariposa Cactus</a> <i>Sclerocactus mariposensis</i>	Threatened	Threatened
<a href="#">Nellie's Cory Cactus</a> <i>Escobaria minima</i>	Endangered	Endangered
<a href="#">Sneed's Pincushion Cactus</a> <i>Escobaria sneedii</i> var. <i>sneedii</i>	Endangered	Endangered

<u><a href="#">Star Cactus</a></u> <i>Astrophytum asterias</i>	Endangered	Endangered
<b>Trees, Shrubs, and Sub-shrubs</b>	<b>State Status</b>	<b>Federal Status (Listed)</b>
<u><a href="#">Hinckley's Oak</a></u> <i>Quercus hinckleyi</i>	Threatened	Threatened
<u><a href="#">Johnston's Frankenia</a></u> <i>Frankenia johnstonii</i>	Endangered	Endangered - Proposed to be Delisted
<u><a href="#">Texas Ayenia</a></u> <i>Ayenia limitaris</i>	Endangered	Endangered
<u><a href="#">Texas Snowbells</a></u> <i>Styrax platanifolius</i> spp. <i>texanus</i>	Endangered	Endangered
<u><a href="#">Walker's Manioc</a></u> <i>Manihot walkerae</i>	Endangered	Endangered
<b>Wildflowers</b>	<b>State Status</b>	<b>Federal Status (Listed)</b>
<u><a href="#">South Texas Ambrosia</a></u> <i>Ambrosia cheiranthifolia</i>	Endangered	Endangered
<u><a href="#">Pecos Sunflower</a></u> <i>Helianthus paradoxus</i>	Threatened	Threatened
<u><a href="#">Texas Prairie Dawn</a></u> <i>Hymenoxys texana</i>	Endangered	Endangered
<u><a href="#">Ashy Dogweed</a></u> <i>Thymophylla tephroleuca</i>	Endangered	Endangered
<u><a href="#">Terlingua Creek Cat's-eye</a></u> <i>Cryptantha crassipes</i>	Endangered	Endangered
<u><a href="#">Zapata Bladderpod</a></u> <i>Physaria thamnophila</i>	Endangered	Endangered
<u><a href="#">White Bladderpod</a></u> <i>Physaria pallida</i>	Endangered	Endangered
<u><a href="#">Earth Fruit</a></u> <i>Geocarpon minimum</i>	Threatened	Threatened
<u><a href="#">Slender Rushpea</a></u> <i>Hoffmannseggia tenella</i>	Endangered	Endangered
<u><a href="#">Texas Poppy-mallow</a></u> <i>Callirhoe scabriuscula</i>	Endangered	Endangered
<u><a href="#">Large-fruited Sand-</a></u>		



<a href="#"><u>verbena</u></a> <i>Abronia macrocarpa</i>	Endangered	Endangered
<a href="#"><u>Texas Trailing Phlox</u></a> <i>Phlox nivalis</i> ssp. <i>texensis</i>	Endangered	Endangered
<a href="#"><u>Chaffseed</u></a> <i>Schwalbea americana</i>		Endangered
<b>Orchids</b>	<b>State Status</b>	<b>Federal Status (Listed)</b>
<a href="#"><u>Navasota Ladies'-tresses</u></a> <i>Spiranthes parksii</i>	Endangered	Endangered
<b>Grasses and Grass-like Plants</b>	<b>State Status</b>	<b>Federal Status (Listed)</b>
<a href="#"><u>Texas Wild-rice</u></a> <i>Zizania texana</i>	Endangered	Endangered
<a href="#"><u>Little Aguja Pondweed</u></a> <i>Potamogeton clystocarpus</i>	Endangered	Endangered

**Additional information:**

- [A list of the rare plants of Texas](#) ↓ (PDF 280.8 KB)

**Contact Information:**

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For additional information on Texas Threatened and Endangered Species, please call **(512) 389-8111**.

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**Texas Parks and Wildlife Department**, 4200 Smith School Road, Austin, TX 78744  
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**APPENDIX F – United States Department of Agriculture, Invasive and Noxious Weeds**

Figure: 4 TAC §19.300(a)

Common Name	Botanical Name
<b>Noxious plants</b>	
alligatorweed	<i>Alternanthera philoxeroides</i>
balloonvine	<i>Cardiospermum halicacabum</i>
Brazilian peppertree	<i>Schinus terebinthifolius</i>
broomrape	<i>Orobanche ramosa</i>
camelthorn	<i>Alhagi camelorum</i>
Chinese tallow tree	<i>Triadica sebifera</i>
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>
giant duckweed	<i>Spirodela oligorrhiza</i>
giant reed	<i>Arundo donax</i>
hedge bindweed	<i>Calystegia sepium</i>
hydrilla	<i>Hydrilla verticillata</i>
itchgrass	<i>Rottboellia cochinchinensis</i>
Japanese dodder	<i>Cuscuta japonica</i>
kudzu	<i>Pueraria montana</i> var. <i>lobata</i>
lagarosiphon	<i>Lagarosiphon major</i>
paperbark	<i>Melaleuca quinquenervia</i>
purple loosestrife	<i>Lythrum salicaria</i>
rooted waterhyacinth	<i>Eichhornia azurea</i>
saltcedar	<i>Tamarix</i> spp.
salvinia	<i>Salvinia</i> spp.
serrated tussock	<i>Nassella trichotoma</i>
torpedograss	<i>Panicum repens</i>
tropical soda apple	<i>Solanum viarum</i>

water spinach	<i>Ipomoea aquatica</i>
waterhyacinth	<i>Eichhornia crassipes</i>
waterlettuce	<i>Pistia stratiotes</i>
<b>Invasive plants</b>	
Chinese tallow tree	<i>Triadica sebifera</i>
kudzu	<i>Pueraria montana</i> var. <i>lobata</i>
saltcedar	<i>Tamarix</i> spp.
tropical soda apple	<i>Solanum viarum</i>



**APPENDIX G – List Of Birds Protected By The Migratory Bird Treaty Act**

# Migratory Bird Program

## Conserving the Nature of America

The Migratory Bird Program - Conserving America's Birds



Avocets Credit: Donna A. Dewhurst

- About Us
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### BIRDS PROTECTED BY THE MIGRATORY BIRD TREATY ACT

#### List of Migratory Birds

[Alphabetical List](#)

[Taxonomic List](#)

#### Alphabetical List

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*Alphabetical listing.* Species are listed alphabetically by common (English) group names, with the sc each species following the common name. It is possible that alphabetical listing by common group n; create confusion in those few instances in which the common (English) name of a species has chang species formerly known as the Falcated Teal, for example, is now known as the Falcated Duck. To p confusion, the alphabetical list has two entries for Falcated Duck: "DUCK, Falcated" and "[TEAL, Fal DUCK, Falcated]." Other potential ambiguities are treated in the same way.

- ACCENTOR, Siberian, *Prunella montanella*
- AKEKEE, *Loxops caeruleirostris*
- AKEPA, *Loxops coccineus*
- AKIALOA, Greater, *Hemignathus ellisianus*
- AKIAPOLAAU, *Hemignathus munroi*
- AKIKIKI, *Oreomystis bairdi*
- AKOHEKOHE, *Palmeria dolei*
- ALAUAHIO, Maui, *Paroreomyza montana*
- Oahu, *Paroreomyza maculata*
- ALBATROSS, Black-browed, *Thalassarche melanophris*
- Black-footed, *Phoebastria nigripes*
- Laysan, *Phoebastria immutabilis*
- Light-mantled, *Phoebetria palpebrata*
- Short-tailed, *Phoebastria albatrus*
- Shy, *Thalassarche cauta*
- Wandering, *Diomedea exulans*
- Yellow-nosed, *Thalassarche chlororhynchos*
- ANHINGA, *Anhinga anhinga*
- ANI, Groove-billed, *Crotophaga sulcirostris*
- Smooth-billed, *Crotophaga ani*
- AMAKIHI, Hawaii, *Hemignathus virens*
- Kauai, *Hemignathus kauaiensis*
- Oahu, *Hemignathus flavus*
- ANIANIAU, *Magumma parva*
- APAPANE, *Himatione sanguinea*
- AUKLET, Cassin's, *Ptychoramphus aleuticus*
- Crested, *Aethia cristatella*
- Least, *Aethia pusilla*
- Parakeet, *Aethia psittacula*
- Rhinoceros, *Cerorhinca monocerata*
- Whiskered, *Aethia pygmaea*
- AVOCET, American, *Recurvirostra americana*

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- [BARN-OWL, Common (see OWL, Barn)]
- BEAN-GOOSE, Taiga, *Anser fabalis*
- Tundra, *Anser serrirostris*
- BEARDLESS-TYRANNULET, Northern, *Camptostoma imberbe*
- BECARD, Rose-throated, *Pachyramphus aglaiae*
- BITTERN, American, *Botaurus lentiginosus*
- Black, *Ixobrychus flavicollis*
- [Chinese (see Yellow)]
- Least, *Ixobrychus exilis*

Yellow, *Ixobrychus sinensis*  
 BLACK-HAWK, Common, *Buteogallus anthracinus*  
 BLACKBIRD, Brewer's, *Euphagus cyanocephalus*  
 Red-winged, *Agelaius phoeniceus*  
 Rusty, *Euphagus carolinus*  
 Tawny-shouldered, *Agelaius humeralis*  
 Tricolored, *Agelaius tricolor*  
 Yellow-headed, *Xanthocephalus xanthocephalus*  
 Yellow-shouldered, *Agelaius xanthomus*  
 BLUEBIRD, Eastern, *Sialia sialis*  
 Mountain, *Sialia currucoides*  
 Western, *Sialia mexicana*  
 BLUETAIL, Red-flanked, *Tarsiger cyanurus*  
 BLUETHROAT, *Luscinia svecica*  
 BOBOLINK, *Dolichonyx oryzivorus*  
 BOOBY, Blue-footed, *Sula nebouxii*  
 Brown, *Sula leucogaster*  
 Masked, *Sula dactylatra*  
 Red-footed, *Sula sula*  
 BRAMBLING, *Fringilla montifringilla*  
 BRANT, *Branta bernicla*  
 BUFFLEHEAD, *Bucephala albeola*  
 BULLFINCH, Eurasian, *Pyrrhula pyrrhula*  
 Puerto Rican, *Loxigilla portoricensis*  
 BUNTING, Blue, *Cyanocompsa parellina*  
 Gray, *Emberiza variabilis*  
 Indigo, *Passerina cyanea*  
 Little, *Emberiza pusilla*  
 Lark, *Calamospiza melanocorys*  
 Lazuli, *Passerina amoena*  
 McKay's, *Plectrophenax hyperboreus*  
 Painted, *Passerina ciris*  
 Pallas's, *Emberiza pallasi*  
 Pine, *Emberiza leucocephalos*  
 Reed, *Emberiza schoeniclus*  
 Rustic, *Emberiza rustica*  
 Snow, *Plectrophenax nivalis*  
 Varied, *Passerina versicolor*  
 Yellow-breasted, *Emberiza aureola*  
 Yellow-throated, *Emberiza elegans*  
 BUSHTIT, *Psaltirparus minimus*

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CANVASBACK, *Aythya valisineria*  
 CARACARA, Crested, *Caracara cheriway*  
 CARDINAL, Northern, *Cardinalis cardinalis*  
 CARIB, Green-throated, *Eulampis holosericeus*  
 Purple-throated, *Eulampis jugularis*  
 CATBIRD, Black, *Melanoptila glabrirostris*  
 Gray, *Dumetella carolinensis*  
 CHAFFINCH, Common, *Fringilla coelebs*  
 CHAT, Yellow-breasted, *Icteria virens*  
 CHICKADEE, Black-capped, *Poecile atricapillus*  
 Boreal, *Poecile hudsonica*  
 Carolina, *Poecile carolinensis*  
 Chestnut-backed, *Poecile rufescens*  
 Gray-headed, *Poecile cincta*  
 Mexican, *Poecile sclateri*  
 Mountain, *Poecile gambeli*  
 CHUCK-WILL'S-WIDOW, *Caprimulgus carolinensis*  
 CONDOR, California, *Gymnogyps californianus*  
 COOT, American, *Fulica americana*  
 Caribbean, *Fulica caribaea*  
 Eurasian, *Fulica atra*  
 Hawaiian, *Fulica alai*  
 CORMORANT, Brandt's, *Phalacrocorax penicillatus*  
 Double-crested, *Phalacrocorax auritus*  
 Great, *Phalacrocorax carbo*  
 Little Pied, *Phalacrocorax melanoleucos*  
 Neotropic, *Phalacrocorax brasilianus*  
 [Olivaceous (see Neotropic)]  
 Pelagic, *Phalacrocorax pelagicus*  
 Red-faced, *Phalacrocorax urile*  
 COWBIRD, Bronzed, *Molothrus aeneus*  
 Brown-headed, *Molothrus ater*  
 Shiny, *Molothrus bonariensis*  
 CRAKE, Corn, *Crex crex*  
 Paint-billed, *Necorax anthracinus*

Yellow-breasted, *Porzana flaviventer*  
 CRANE, Common, *Grus grus*  
 Sandhill, *Grus canadensis*  
 Whooping, *Grus americana*  
 CREEPER, Brown, *Certhia americana*  
 Hawaii, *Oreomystis mana*  
 CROSSBILL, Red, *Loxia curvirostra*  
 White-winged, *Loxia leucoptera*  
 CROW, American, *Corvus brachyrhynchos*  
 Fish, *Corvus ossifragus*  
 Hawaiian, *Corvus hawaiiensis*  
 Mariana, *Corvus kubaryi*  
 [Mexican (see Tamaulipas)]  
 Northwestern, *Corvus caurinus*  
 Tamaulipas, *Corvus imparatus*  
 White-necked, *Corvus leucognaphalus*  
 CUCKOO, Black-billed, *Coccyzus erythrophthalmus*  
 Common, *Cuculus canorus*  
 Mangrove, *Coccyzus minor*  
 Oriental, *Cuculus optatus*  
 Yellow-billed, *Coccyzus americanus*  
 CURLEW, Bristle-thighed, *Numenius tahitiensis*  
 Eskimo, *Numenius borealis*  
 Eurasian, *Numenius arquata*  
 Far Eastern, *Numenius madagascariensis*  
 [Least (see Little)]  
 Little, *Numenius minutus*  
 Long-billed, *Numenius americanus*

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DICKCISSEL, *Spiza americana*  
 DIPPER, American, *Cinclus mexicanus*  
 DOTTEREL, Eurasian, *Charadrius morinellus*  
 DOVE, Inca, *Columbina inca*  
 Mourning, *Zenaida macroura*  
 White-tipped, *Leptotila verreauxi*  
 White-winged, *Zenaida asiatica*  
 Zenaida, *Zenaida aurita*  
 DOVEKIE, *Alle alle*  
 DOWITCHER, Long-billed, *Limnodromus scolopaceus*  
 Short-billed, *Limnodromus griseus*  
 DUCK, American Black, *Anas rubripes*  
 Falcated, *Anas falcata*  
 Harlequin, *Histrionicus histrionicus*  
 Hawaiian, *Anas wyvilliana*  
 Laysan, *Anas laysanensis*  
 Long-tailed, *Clangula hyemalis*  
 Masked, *Nomonyx dominicus*  
 Mottled, *Anas fulvigula*  
 Muscovy, *Cairina moschata*  
 Pacific Black, *Anas superciliosa*  
 Ring-necked, *Aythya collaris*  
 Ruddy, *Oxyura jamaicensis*  
 Spot-billed, *Anas poecilorhyncha*  
 Tufted, *Aythya fuligula*  
 Wood, *Aix sponsa*  
 DUNLIN, *Calidris alpina*

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EAGLE, Bald, *Haliaeetus leucocephalus*  
 Golden, *Aquila chrysaetos*  
 White-tailed, *Haliaeetus albicilla*  
 EGRET, Cattle, *Bubulcus ibis*  
 Chinese, *Egretta eulophotes*  
 Great, *Ardea alba*  
 Intermediate, *Mesophoyx intermedia*  
 Little, *Egretta garzetta*  
 [Plumed (see Intermediate)]  
 Reddish, *Egretta rufescens*  
 Snowy, *Egretta thula*  
 EIDER, Common, *Somateria mollissima*  
 King, *Somateria spectabilis*  
 Spectacled, *Somateria fischeri*  
 Steller's, *Polysticta stelleri*  
 ELAENIA, Caribbean, *Elaenia martinica*  
 Greenish, *Myiopagis viridicata*



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FALCON, Aplomado, *Falco femoralis*  
 Peregrine, *Falco peregrinus*  
 Prairie, *Falco mexicanus*  
 Red-footed, *Flaco vespertinus*  
 FIELDFARE, *Turdus pilaris*  
 FINCH, Cassin's, *Carpodacus cassinii*  
 House, *Carpodacus mexicanus*  
 Laysan, *Telespiza cantans*  
 Nihoa, *Telespiza ultima*  
 Purple, *Carpodacus purpureus*  
 [Rosy (see ROSY-FINCH)]  
 FLAMINGO, Greater, *Phoenicopterus ruber*  
 FLICKER, Gilded, *Colaptes chrysoides*  
 Northern, *Colaptes auratus*  
 FLYCATCHER, Acadian, *Empidonax vireescens*  
 Alder, *Empidonax alnorum*  
 Ash-throated, *Myiarchus cinerascens*  
 Brown-crested, *Myiarchus tyrannulus*  
 Buff-breasted, *Empidonax fulvifrons*  
 Cordilleran, *Empidonax occidentalis*  
 Dusky, *Empidonax oberholseri*  
 Dusky-capped, *Myiarchus tuberculifer*  
 Fork-tailed, *Tyrannus savana*  
 Gray, *Empidonax wrightii*  
 [Gray-spotted (see Gray-streaked)]  
 Gray-streaked, *Muscicapa griseisticta*  
 Great Crested, *Myiarchus crinitus*  
 Hammond's, *Empidonax hammondii*  
 La Sagra's, *Myiarchus sagrae*  
 Least, *Empidonax minimus*  
 Narcissus, *Ficedula narcissina*  
 Nutting's, *Myiarchus nuttingi*  
 Olive-sided, *Contopus cooperi*  
 Pacific-slope, *Empidonax difficilis*  
 Piratic, *Legatus leucophalus*  
 Puerto Rican, *Myiarchus antillarum*  
 Scissor-tailed, *Tyrannus forficatus*  
 Social, *Myiozetetes similis*  
 Sulphur-bellied, *Myiodynastes luteiventris*  
 Tufted, *Mitrephanes phaeocercus*  
 Variegated, *Empidonax varius*  
 Vermilion, *Pyrocephalus rubinus*  
 [Western (see Cordilleran and Pacific-slope)]  
 Willow, *Empidonax traillii*  
 Yellow-bellied, *Empidonax flaviventris*  
 FOREST-FALCON, Collared, *Micrastur semitorquatus*  
 FRIGATEBIRD, Great, *Fregata minor*  
 Lesser, *Fregata ariel*  
 Magnificent, *Fregata magnificens*  
 FROG-HAWK, Gray, *Accipiter soloensis*  
 FRUIT-DOVE, Crimson-crowned, *Ptilinopus porphyraceus*  
 Many-colored, *Ptilinopus perousii*  
 Mariana, *Ptilinopus roseicapilla*  
 FULMAR, Northern, *Fulmarus glacialis*

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GADWALL, *Anas strepera*  
 GALLINULE, Azure, *Porphyrio flavirostris*  
 Purple, *Porphyrio martinica*  
 GANNET, Northern, *Morus bassanus*  
 GARGANEY, *Anas querquedula*  
 GNATCATCHER, Black-capped, *Polioptila nigriceps*  
 Black-tailed, *Polioptila melanura*  
 Blue-gray, *Polioptila caerulea*  
 California, *Polioptila californica*  
 GODWIT, Bar-tailed, *Limosa lapponica*  
 Black-tailed, *Limosa limosa*  
 Hudsonian, *Limosa haemastica*  
 Marbled, *Limosa fedoa*  
 GOLDEN-PLOVER, American, *Pluvialis dominica*  
 European, *Pluvialis apricaria*  
 [Lesser (see American)]  
 Pacific, *Pluvialis fulva*

GOLDFINCH, American, *Carduelis tristis*  
 Lawrence's, *Carduelis lawrencei*  
 Lesser, *Carduelis psaltria*  
 GOOSE, Barnacle, *Branta leucopsis*  
 [Bean, (see BEAN-GOOSE, Taiga)]  
 Canada, *Branta canadensis* (including Cackling Goose, *Branta hutchinsii*)  
 Emperor, *Chen canagica*  
 Greater White-fronted, *Anser albifrons*  
 Hawaiian, *Branta sandvicensis*  
 Lesser White-fronted, *Anser erythropus*  
 Ross's, *Chen rossii*  
 Snow, *Chen caerulescens*  
 GOSHAWK, Northern, *Accipiter gentilis*  
 GRACKLE, Boat-tailed, *Quiscalus major*  
 Common, *Quiscalus quiscula*  
 Great-tailed, *Quiscalus mexicanus*  
 Greater Antillean, *Quiscalus niger*  
 GRASSHOPPER-WARBLE, Middendorff's, *Locustella ochotensis*  
 GRASSQUIT, Black-faced, *Tiaris bicolor*  
 Yellow-faced, *Tiaris olivaceus*  
 GREBE, Clark's, *Aechmophorus clarkii*  
 Eared, *Podiceps nigricollis*  
 Horned, *Podiceps auritus*  
 Least, *Tachybaptus dominicus*  
 Pied-billed, *Podilymbus podiceps*  
 Red-necked, *Podiceps grisegena*  
 Western, *Aechmophorus occidentalis*  
 GREENFINCH, Oriental, *Carduelis sinica*  
 GREENSHANK, Common, *Tringa nebularia*  
 Nordmann's, *Tringa guttifer*  
 GROSBEAK, Black-headed, *Pheucticus melanocephalus*  
 Blue, *Passerina caerulea*  
 Crimson-collared, *Rhodothraupis celaeno*  
 Evening, *Coccothraustes vespertinus*  
 Pine, *Pinicola enucleator*  
 Rose-breasted, *Pheucticus ludovicianus*  
 Yellow, *Pheucticus chrysopleus*  
 GROUND-DOVE, Common, *Columbina passerina*  
 Friendly, *Gallicolumba stiri*  
 Ruddy, *Columbina talpacoti*  
 White-throated, *Gallicolumba xanthonura*  
 GUILLEMOT, Black, *Cephus grylle*  
 Pigeon, *Cephus columba*  
 GULL, Belcher's, *Larus belcheri*  
 Black-headed, *Larus ridibundus*  
 Black-tailed, *Larus crassirostris*  
 Bonaparte's, *Larus philadelphia*  
 California, *Larus californicus*  
 [Common Black-headed (see Black-headed)]  
 Franklin's, *Larus pipixcan*  
 Glaucous, *Larus hyperboreus*  
 Glaucous-winged, *Larus glaucescens*  
 Gray-hooded, *Larus cirrocephalus*  
 Great Black-backed, *Larus marinus*  
 Heermann's, *Larus heermanni*  
 Herring, *Larus argentatus*  
 Iceland, *Larus glaucooides*  
 Ivory, *Pagophila eburnea*  
 Kelp, *Larus dominicanus*  
 Laughing, *Larus atricilla*  
 Lesser Black-backed, *Larus fuscus*  
 Little, *Larus minutus*  
 Mew, *Larus canus*  
 Ring-billed, *Larus delawarensis*  
 Ross's, *Rhodostethia rosea*  
 Sabine's, *Xema sabini*  
 Slaty-backed, *Larus schistisagus*  
 Thayer's, *Larus thayeri*  
 Western, *Larus occidentalis*  
 Yellow-footed, *Larus livens*  
 Yellow-legged, *Larus michahellis*  
 GYRFALCON, *Falco rusticolus*

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HARRIER, Northern, *Circus cyaneus*  
 HAWFINCH, *Coccothraustes coccothraustes*  
 HAWK, [Asiatic Sparrow (see SPARROWHAWK, Japanese)]

Crane, *Geranospiza caerulescens*  
 Ferruginous, *Buteo regalis*  
 Gray, *Buteo nitidus*  
 Harris's, *Parabuteo unicinctus*  
 Hawaiian, *Buteo solitarius*  
 Red-shouldered, *Buteo lineatus*  
 Red-tailed, *Buteo jamaicensis*  
 Roadside, *Buteo magnirostris*  
 Rough-legged, *Buteo lagopus*  
 Sharp-shinned, *Accipiter striatus*  
 Short-tailed, *Buteo brachyurus*  
 Swainson's, *Buteo swainsoni*  
 White-tailed, *Buteo albicaudatus*  
 Zone-tailed, *Buteo albonotatus*  
 HAWK-CUCKOO, Hodgson's, *Cuculus fugax*  
 [HAWK-OWL, Northern (see OWL, Northern Hawk)]  
 HERON, Gray, *Ardea cinerea*  
 Great Blue, *Ardea herodias*  
 Green, *Butorides virescens*  
 [Green-backed (see Green)]  
 Little Blue, *Egretta caerulea*  
 [Pacific Reef (see REEF-EGRET, Pacific)]  
 Tricolored, *Egretta tricolor*  
 HOBBY, Eurasian, *Falco subbuteo*  
 HOOPOE, Eurasian, *Upupa epops*  
 HOUSE-MARTIN, Common, *Delichon urbicum*  
 HUMMINGBIRD, Allen's, *Selasphorus sasin*  
 Anna's, *Calypte anna*  
 Antillean Crested, *Orthorhyncus cristatus*  
 Berylline, *Amazilia beryllina*  
 Black-chinned, *Archilochus alexandri*  
 Blue-throated, *Lampornis clemenciae*  
 Broad-billed, *Cyananthus latirostris*  
 Broad-tailed, *Selasphorus platycercus*  
 Buff-bellied, *Amazilia yucatanensis*  
 Bumblebee, *Atthis heloisa*  
 Calliope, *Stellula calliope*  
 Cinnamon, *Amazilia rutila*  
 Costa's, *Calypte costae*  
 Lucifer, *Calothorax lucifer*  
 Magnificent, *Eugenes fulgens*  
 Ruby-throated, *Archilochus colubris*  
 Rufous, *Selasphorus rufus*  
 Violet-crowned, *Amazilia violiceps*  
 White-eared, *Hylocharis leucotis*  
 Xantus's, *Hylocharis xantusii*

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IBIS, Glossy, *Plegadis falcinellus*  
 Scarlet, *Eudocimus ruber*  
 White, *Eudocimus albus*  
 White-faced, *Plegadis chihi*  
 IWI, *Vestiaria coccinea*  
 IMPERIAL-PIGEON, Pacific, *Ducula pacifica*

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JABIRU, *Jabiru mycteria*  
 JACANA, Northern, *Jacana spinosa*  
 JAEGER, Long-tailed, *Stercorarius longicaudus*  
 Parasitic, *Stercorarius parasiticus*  
 Pomarine, *Stercorarius pomarinus*  
 JAY, Blue, *Cyanocitta cristata*  
 Brown, *Cyanocorax morio*  
 Gray, *Perisoreus canadensis*  
 [Gray-breasted (see Mexican)]  
 Green, *Cyanocorax yncas*  
 Mexican, *Aphelocoma ultramarina*  
 Pinyon, *Gymnorhinus cyanocephalus*  
 [Scrub (see SCRUB-JAY)]  
 Steller's, *Cyanocitta stelleri*  
 JUNCO, Dark-eyed, *Junco hyemalis*  
 Yellow-eyed, *Junco phaeonotus*

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KAKAWAHIE, *Paroreomyza flammea*

Eurasian, *Falco tinnunculus*  
 KILLDEER, *Charadrius vociferus*  
 KINGBIRD, Cassin's, *Tyrannus vociferans*  
 Couch's, *Tyrannus couchii*  
 Eastern, *Tyrannus tyrannus*  
 Gray, *Tyrannus dominicensis*  
 Loggerhead, *Tyrannus caudifasciatus*  
 Thick-billed, *Tyrannus crassirostris*  
 Tropical, *Tyrannus melancholicus*  
 Western, *Tyrannus verticalis*  
 KINGFISHER, Belted, *Megaceryle alcyon*  
 Collared, *Todirhamphus chloris*  
 Green, *Chloroceryle americana*  
 Micronesian, *Todirhamphus cinnamominus*  
 Ringed, *Megaceryle torquata*  
 KINGLET, Golden-crowned, *Regulus satrapa*  
 Ruby-crowned, *Regulus calendula*  
 KISKADEE, Great, *Pitangus sulphuratus*  
 KITE, [American Swallow-tailed (see Swallow-tailed)]  
 Black, *Milvus migrans*  
 [Black-shouldered (see White-tailed)]  
 Hook-billed, *Chondrohierax uncinatus*  
 Mississippi, *Ictinia mississippiensis*  
 Snail, *Rostrhamus sociabilis*  
 Swallow-tailed, *Elanoides forficatus*  
 White-tailed, *Elanus leucurus*  
 KITTIWAKE, Black-legged, *Rissa tridactyla*  
 Red-legged, *Rissa brevirostris*  
 KNOT, Great, *Calidris tenuirostris*  
 Red, *Calidris canutus*

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LAPWING, Northern, *Vanellus vanellus*  
 LARK, Horned, *Eremophila alpestris*  
 Sky, *Alauda arvensis*  
 LIMPKIN, *Aramus guarauna*  
 LIZARD-CUCKOO, Puerto Rican, *Coccyzus vieilloti*  
 LONGSPUR, Chestnut-collared, *Calcarius ornatus*  
 Lapland, *Calcarius lapponicus*  
 McCown's, *Calcarius mccownii*  
 Smith's, *Calcarius pictus*  
 LOON, Arctic, *Gavia arctica*  
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 Pacific, *Gavia pacifica*  
 Red-throated, *Gavia stellata*  
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MAGPIE, Black-billed, *Pica hudsonia*  
 Yellow-billed, *Pica nuttalli*  
 MALLARD, *Anas platyrhynchos*  
 MANGO, Antillean, *Anthracothorax dominicus*  
 Green, *Anthracothorax viridis*  
 Green-breasted, *Anthracothorax prevostii*  
 MARTIN, Brown-chested, *Progne tapera*  
 Caribbean, *Progne dominicensis*  
 Cuban, *Progne cryptoleuca*  
 Gray-breasted, *Progne chalybea*  
 Purple, *Progne subis*  
 Southern, *Progne elegans*  
 MEADOWLARK, Eastern, *Sturnella magna*  
 Western, *Sturnella neglecta*  
 MERGANSER, Common, *Mergus merganser*  
 Hooded, *Lophodytes cucullatus*  
 Red-breasted, *Mergus serrator*  
 MERLIN, *Falco columbarius*  
 MILLERBIRD, *Acrocephalus familiaris*  
 MOCKINGBIRD, Bahama, *Mimus gundlachii*  
 Blue, *Melanotis caerulescens*  
 Northern, *Mimus polyglottos*  
 MOORHEN, Common, *Gallinula chloropus*  
 MURRE, Common, *Uria aalge*  
 Thick-billed, *Uria lomvia*  
 MURRELET, Ancient, *Synthliboramphus antiquus*  
 Craveri's, *Synthliboramphus craveri*  
 Kittlitz's, *Brachyramphus brevirostris*



Marbled, *Brachyramphus marmoratus*  
 Xantus's, *Synthliboramphus hypoleucus*

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NEEDLETAIL, White-throated, *Hirundapus caudacutus*  
 NIGHT-HERON, Black-crowned, *Nycticorax nycticorax*  
 Japanese, *Gorsachius goisagi*  
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 Yellow-crowned, *Nyctanassa violacea*  
 NIGHTHAWK, Antillean, *Chordeiles gundlachii*  
 Common, *Chordeiles minor*  
 Lesser, *Chordeiles acutipennis*  
 NIGHTINGALE-THRUSH, Black-headed, *Catharus mexicanus*  
 Orange-billed, *Catharus aurantirostris*  
 NIGHTJAR, Buff-collared, *Caprimulgus ridgwayi*  
 Gray, *Caprimulgus indicus*  
 [Jungle (see Gray)]  
 Puerto Rican, *Caprimulgus noctitherus*  
 NODDY, Black, *Anous minutus*  
 Blue-gray, *Procelsterna cerulea*  
 Brown, *Anous stolidus*  
 [Lesser (see Black)]  
 NUKUPUU, *Hemignathus lucidus*  
 NUTCRACKER, Clark's, *Nucifraga columbiana*  
 NUTHATCH, Brown-headed, *Sitta pusilla*  
 Pygmy, *Sitta pygmaea*  
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 OMAO, *Myadestes obscurus*  
 ORIOLE, Altamira, *Icterus gularis*  
 Audubon's, *Icterus graduacauda*  
 Baltimore, *Icterus galbula*  
 [Black-cowled (see Greater Antillean)]  
 Black-vented, *Icterus wagleri*  
 Bullock's, *Icterus bullockii*  
 Greater Antillean, *Icterus dominicensis*  
 Hooded, *Icterus cucullatus*  
 [Northern (see Baltimore and Bullock's)]  
 Orchard, *Icterus spurius*  
 Scott's, *Icterus parisorum*  
 Streak-backed, *Icterus pustulatus*  
 OSPREY, *Pandion haliaetus*  
 OU, *Psittirostra psittacea*  
 OVENBIRD, *Seiurus aurocapilla*  
 OWL, Barn, *Tyto alba*  
 Barred, *Strix varia*  
 Boreal, *Aegolius funereus*  
 Burrowing, *Athene cunicularia*  
 Elf, *Micrathene whitneyi*  
 Flammulated, *Otus flammeolus*  
 Great Gray, *Strix nebulosa*  
 Great Horned, *Bubo virginianus*  
 Long-eared, *Asio otus*  
 Mottled, *Ciccaba virgata*  
 Northern Hawk, *Surnia ulula*  
 Northern Saw-whet, *Aegolius acadicus*  
 Short-eared, *Asio flammeus*  
 Snowy, *Bubo scandiacus*  
 Spotted, *Strix occidentalis*  
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PALILA, *Loxioides bailleui*  
 PALM-SWIFT, Antillean, *Tachornis phoenicobia*  
 PARROTBILL, Maui, *Pseudonestor xanthophrys*  
 PARULA, Northern, *Parula americana*  
 Tropical, *Parula pitaiayumi*

Brown, *Pelecanus occidentalis*  
 PETREL, Bermuda, *Pterodroma cahow*  
 Black-capped, *Pterodroma hasitata*  
 Black-winged, *Pterodroma nigripennis*  
 Bonin, *Pterodroma hypoleuca*  
 Bulwer's, *Bulweria bulwerii*  
 Cook's, *Pterodroma cookii*  
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 Gould's, *Pterodroma leucoptera*  
 Great-winged, *Pterodroma macroptera*  
 Hawaiian, *Pterodroma sandwichensis*  
 Herald, *Pterodroma arminjoniana*  
 Jouanin's, *Bulweria fallax*  
 Juan Fernandez, *Pterodroma externa*  
 Kermadec, *Pterodroma neglecta*  
 Mottled, *Pterodroma inexpectata*  
 Murphy's, *Pterodroma ultima*  
 Phoenix, *Pterodroma alba*  
 Stejneger's, *Pterodroma longirostris*  
 Tahiti, *Pterodroma rostrata*  
 White-necked, *Pterodroma cervicalis*  
 [White-necked, *Pterodroma externa* (see Petrel, Juan Fernandez)]  
 PEWEE, Cuban, *Contopus caribaeus*  
 Greater, *Contopus pertinax*  
 Hispaniolan, *Contopus hispaniolensis*  
 Lesser Antillean, *Contopus latirostris*  
 PHAINOPEPLA, *Phainopepla nitens*  
 PHALAROPE, Red, *Phalaropus fulicarius*  
 Red-necked, *Phalaropus lobatus*  
 Wilson's, *Phalaropus tricolor*  
 PHOEBE, Black, *Sayornis nigricans*  
 Eastern, *Sayornis phoebe*  
 Say's, *Sayornis saya*  
 PIGEON, Band-tailed, *Patagioenas fasciata*  
 Plain, *Patagioenas inornata*  
 Red-billed, *Patagioenas flavirostris*  
 Scaly-naped, *Patagioenas squamosa*  
 White-crowned, *Patagioenas leucocephala*  
 PINTAIL, Northern, *Anas acuta*  
 White-cheeked, *Anas bahamensis*  
 PIPIT, American, *Anthus rubescens*  
 Olive-backed, *Anthus hodgsoni*  
 Pechora, *Anthus gustavi*  
 Red-throated, *Anthus cervinus*  
 Sprague's, *Anthus spragueii*  
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 PLOVER, Black-bellied, *Pluvialis squatarola*  
 Collared, *Charadrius collaris*  
 Common Ringed, *Charadrius hiaticula*  
 [Great Sand (see Sand-Plover, Greater)]  
 Little Ringed, *Charadrius dubius*  
 [Mongolian (see Sand-Plover, Lesser)]  
 Mountain, *Charadrius montanus*  
 Piping, *Charadrius melodus*  
 Semipalmated, *Charadrius semipalmatus*  
 Snowy, *Charadrius alexandrinus*  
 Wilson's, *Charadrius wilsonia*  
 POCHARD, Baer's, *Aythya baeri*  
 Common, *Aythya ferina*  
 POND-HERON, Chinese, *Ardeola bacchus*  
 POORWILL, Common, *Phalaenoptilus nuttallii*  
 POO-ULI, *Melampusops phaeosoma*  
 PUAIOHI, *Myadestes palmeri*  
 PUFFIN, Atlantic, *Fratercula arctica*  
 Horned, *Fratercula corniculata*  
 Tufted, *Fratercula cirrhata*  
 PYGMY-OWL, Ferruginous, *Glaucidium brasilianum*  
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 PYRRHULOXIA, *Cardinalis sinuatus*

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QUAIL-DOVE, Bridled, *Geotrygon mystacea*  
 Key West, *Geotrygon chrysis*  
 Ruddy, *Geotrygon montana*  
 QUETZEL, Eared, *Euptilotis neoxenus*  
 RAIL, Black, *Laterallus jamaicensis*  
 Ruff-handed, *Gallirallus philinensis*

King, *Rallus elegans*  
 Spotted, *Pardirallus maculatus*  
 Virginia, *Rallus limicola*  
 Yellow, *Coturnicops noveboracensis*  
 RAVEN, Chihuahuan, *Corvus cryptoleucus*  
 Common, *Corvus corax*  
 RAZORBILL, *Alca torda*  
 REDHEAD, *Aythya americana*  
 REDPOLL, Common, *Carduelis flammea*  
 Hoary, *Carduelis hornemanni*  
 REDSHANK, Spotted, *Tringa erythropus*  
 REDSTART, American, *Setophaga ruticilla*  
 Painted, *Myioborus pictus*  
 Slate-throated, *Myioborus miniatus*  
 [REED-BUNTING, Common (see BUNTING, Reed)]  
 [Pallas' (see BUNTING, Pallas's)]  
 REED-WARBLER, Nightingale, *Acrocephalus luscini*  
 REEF-EGRET, Pacific, *Egretta sacra*  
 REEF-HERON, Western, *Egretta gularis*  
 ROADRUNNER, Greater, *Geococcyx californianus*  
 ROBIN, American, *Turdus migratorius*  
 Clay-colored, *Turdus grayi*  
 Rufous-backed, *Turdus rufopalliatus*  
 Siberian Blue, *Luscinia cyane*  
 White-throated, *Turdus assimilis*  
 ROSEFINCH, Common, *Carpodacus erythrinus*  
 ROSY-FINCH, Black, *Leucosticte atrata*  
 Brown-capped, *Leucosticte australis*  
 Gray-crowned, *Leucosticte tephrocotis*  
 RUBYTHROAT, Siberian, *Luscinia calliope*  
 RUFF, *Philomachus pugnax*

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SANDERLING, *Calidris alba*  
 SANDPIPER, Baird's, *Calidris bairdii*  
 Broad-billed, *Limicola falcinellus*  
 Buff-breasted, *Tryngites subruficollis*  
 Common, *Actitis hypoleucos*  
 Curlew, *Calidris ferruginea*  
 Green, *Tringa ochropus*  
 Least, *Calidris minutilla*  
 Marsh, *Tringa stagnatilis*  
 Pectoral, *Calidris melanotos*  
 Purple, *Calidris maritima*  
 Rock, *Calidris ptilocnemis*  
 Semipalmated, *Calidris pusilla*  
 Sharp-tailed, *Calidris acuminata*  
 Solitary, *Tringa solitaria*  
 [Spoonbill (see Spoon-billed)]  
 Spoon-billed, *Eurynorhynchus pygmeus*  
 Spotted, *Actitis macularius*  
 Stilt, *Calidris himantopus*  
 Terek, *Xenus cinereus*  
 Upland, *Bartramia longicauda*  
 Western, *Calidris mauri*  
 White-rumped, *Calidris fuscicollis*  
 Wood, *Tringa glareola*  
 SAND-PLOVER, Greater, *Charadrius leschenaultii*  
 Lesser, *Charadrius mongolus*  
 SAPSUCKER, Red-breasted, *Sphyrapicus ruber*  
 Red-naped, *Sphyrapicus nuchalis*  
 Williamson's, *Sphyrapicus thyroideus*  
 Yellow-bellied, *Sphyrapicus varius*  
 SCAUP, Greater, *Aythya marila*  
 Lesser, *Aythya affinis*  
 SCOPS-OWL, Oriental, *Otus sunia*  
 SCOTER, Black, *Melanitta nigra*  
 Surf, *Melanitta perspicillata*  
 White-winged, *Melanitta fusca*  
 SCREECH-OWL, Eastern, *Megascops asio*  
 Puerto Rican, *Megascops nudipes*  
 Western, *Megascops kennicottii*  
 Whiskered, *Megascops trichopsis*  
 SCRUB-JAY, Florida, *Aphelocoma coerulescens*  
 Island, *Aphelocoma insularis*  
 Western, *Aphelocoma californica*  
 SEA-EAGLE, Steller's, *Haliaeetus pelagicus*

Black-vented, *Puffinus opisthomelas*  
 Buller's, *Puffinus bulleri*  
 Cape Verde, *Calonectris edwardsii*  
 Christmas, *Puffinus nativitatis*  
 Cory's, *Calonectris diomedea*  
 Flesh-footed, *Puffinus carneipes*  
 Greater, *Puffinus gravis*  
 Little, *Puffinus assimilis*  
 Manx, *Puffinus puffinus*  
 Pink-footed, *Puffinus creatopus*  
 Short-tailed, *Puffinus tenuirostris*  
 Sooty, *Puffinus griseus*  
 Streaked, *Calonectris leucomelas*  
 Townsend's, *Puffinus auricularis*  
 Wedge-tailed, *Puffinus pacificus*  
 SHOVELER, Northern, *Anas clypeata*  
 SHRIKE, Brown, *Lanius cristatus*  
 Loggerhead, *Lanius ludovicianus*  
 Northern, *Lanius excubitor*  
 SILKY-FLYCATCHER, Gray, *Ptilogonys cinereus*  
 SISKIN, Eurasian, *Carduelis spinus*  
 Pine, *Carduelis pinus*  
 SKIMMER, Black, *Rynchops niger*  
 SKUA, Great, *Stercorarius skua*  
 South Polar, *Stercorarius maccormicki*  
 [SKYLARK, Eurasian (see LARK, Sky)]  
 SMEW, *Mergellus albellus*  
 SNIPE, Common, *Gallinago gallinago* (rare in western Alaska; also see SNIPE, Wilson's)  
 Jack, *Lymnocyptes minimus*  
 Pin-tailed, *Gallinago stenura*  
 Swinhoe's, *Gallinago megala*  
 Wilson's, *Gallinago delicata* (the "common" snipe hunted in most of the U.S.)  
 SOLITAIRE, Townsend's, *Myadestes townsendi*  
 SORA, *Porzana carolina*  
 SPARROW, American Tree, *Spizella arborea*  
 Bachman's, *Aimophila aestivalis*  
 Baird's, *Ammodramus bairdii*  
 Black-chinned, *Spizella atrogularis*  
 Black-throated, *Amphispiza bilineata*  
 Botteri's, *Aimophila botterii*  
 Brewer's, *Spizella breweri*  
 Cassin's, *Aimophila cassinii*  
 Chipping, *Spizella passerina*  
 Clay-colored, *Spizella pallida*  
 Field, *Spizella pusilla*  
 Five-striped, *Aimophila quinquestrata*  
 Fox, *Passerella iliaca*  
 Golden-crowned, *Zonotrichia atricapilla*  
 Grasshopper, *Ammodramus savannarum*  
 Harris's, *Zonotrichia querula*  
 Henslow's, *Ammodramus henslowii*  
 Lark, *Chondestes grammacus*  
 Le Conte's, *Ammodramus leconteii*  
 Lincoln's, *Melospiza lincolni*  
 Nelson's Sharp-tailed, *Ammodramus nelsoni*  
 Olive, *Arremonops rufivirgatus*  
 Rufous-crowned, *Aimophila ruficeps*  
 Rufous-winged, *Aimophila carpalis*  
 Sage, *Amphispiza belli*  
 Saltmarsh Sharp-tailed, *Ammodramus caudacutus*  
 Savannah, *Passerculus sandwichensis*  
 Seaside, *Ammodramus maritimus*  
 [Sharp-tailed (see Nelson's Sharp-tailed and Saltmarsh Sharp-tailed)]  
 Song, *Melospiza melodia*  
 Swamp, *Melospiza georgiana*  
 Vesper, *Pooecetes gramineus*  
 White-crowned, *Zonotrichia leucophrys*  
 White-throated, *Zonotrichia albicollis*  
 Worthen's, *Spizella wortheni*  
 SPARROWHAWK, Japanese, *Accipiter gularis*  
 SPINDALIS, Puerto Rican, *Spindalis portoricensis*  
 Western, *Spindalis zena*  
 SPOONBILL, Roseate, *Platalea ajaja*  
 STARLING, [Ashy (see White-cheeked)]  
 Chestnut-cheeked, *Sturnus philippensis*  
 [Violet-backed (see Chestnut-cheeked)]  
 White-cheeked, *Sturnus cineraceus*  
 STARTHROAT, Plain-capped, *Heliomaster constantii*  
 STILT, Black-necked, *Himantopus mexicanus*



Long-toed, *Calidris subminuta*  
 Red-necked, *Calidris ruficollis*  
 [Rufous-necked (see Red-necked)]  
 Temminck's, *Calidris temminckii*  
 STONECHAT, *Saxicola torquatus*  
 STORK, Wood, *Mycteria americana*  
 STORM-PETREL, Ashy, *Oceanodroma homochroa*  
 Band-rumped, *Oceanodroma castro*  
 Black, *Oceanodroma melania*  
 Black-bellied, *Fregatta tropica*  
 Fork-tailed, *Oceanodroma furcata*  
 Leach's, *Oceanodroma leucorhoa*  
 Least, *Oceanodroma microsoma*  
 Matsudaira's, *Oceanodroma matsudairae*  
 Polynesian, *Nesofregatta fuliginosa*  
 Ringed, *Oceanodroma hornbyi*  
 [Sooty (see Tristram's)]  
 Tristram's, *Oceanodroma tristrami*  
 Wedge-rumped, *Oceanodroma tethys*  
 White-faced, *Pelagodroma marina*  
 White-bellied, *Fregatta grallaria*  
 Wilson's, *Oceanites oceanicus*  
 SURFBIRD, *Aphriza virgata*  
 SWALLOW, Bahama, *Tachycineta cyaneoviridis*  
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 Barn, *Hirundo rustica*  
 Cave, *Petrochelidon fulva*  
 Cliff, *Petrochelidon pyrrhonota*  
 Mangrove, *Tachycineta albilinea*  
 Northern Rough-winged, *Stelgidopteryx serripennis*  
 Tree, *Tachycineta bicolor*  
 Violet-green, *Tachycineta thalassina*  
 SWAMPHEN, Purple, *Porphyrio porphyrio*  
 SWAN, Trumpeter, *Cygnus buccinator*  
 Tundra, *Cygnus columbianus*  
 Whooper, *Cygnus cygnus*  
 SWIFT, Alpine, *Apus melba*  
 [Antillean Palm (see PALM-SWIFT, Antillean)]  
 Black, *Cypseloides niger*  
 Chimney, *Chaetura pelagica*  
 Common, *Apus apus*  
 Fork-tailed, *Apus pacificus*  
 Short-tailed, *Chaetura brachyura*  
 Vaux's, *Chaetura vauxi*  
 White-collared, *Streptoprocne zonaris*  
 White-throated, *Aeronautes saxatalis*  
 SWIFTLET, Mariana, *Aerodramus bartschi*  
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TANAGER, Flame-colored, *Piranga bidentata*  
 Hepatic, *Piranga flava*  
 Puerto Rican, *Nesospingus speculiferus*  
 Scarlet, *Piranga olivacea*  
 [Stripe-headed (see SPINDALIS, Puerto Rican and Western)]  
 Summer, *Piranga rubra*  
 Western, *Piranga ludoviciana*  
 TATTLER, Gray-tailed, *Tringa brevipes*  
 Wandering, *Tringa incana*  
 TEAL, Baikal, *Anas formosa*  
 Blue-winged, *Anas discors*  
 Cinnamon, *Anas cyanoptera*  
 [Falcated (see DUCK, Falcated)]  
 Green-winged, *Anas crecca*  
 TERN, Aleutian, *Onychoprion aleuticus*  
 Arctic, *Sterna paradisaea*  
 Black, *Chlidonias niger*  
 Black-naped, *Sterna sumatrana*  
 Bridled, *Onychoprion anaethetus*  
 Caspian, *Hydroprogne caspia*  
 Common, *Sterna hirundo*  
 Elegant, *Thalasseus elegans*  
 Forster's, *Sterna forsteri*  
 Gray-backed, *Onychoprion lunatus*  
 Great Crested, *Thalasseus bergii*  
 Gull-billed, *Gelochelidon nilotica*  
 Large-billed, *Phaetusa simplex*

Roseate, *Sterna dougallii*  
 Royal, *Thalasseus maximus*  
 Sandwich, *Thalasseus sandvicensis*  
 Sooty, *Onychoprion fuscatus*  
 Whiskered, *Chlidonias hybrida*  
 White, *Gygis alba*  
 White-winged, *Chlidonias leucopterus*  
 THRASHER, Bendire's, *Toxostoma bendirei*  
 Brown, *Toxostoma rufum*  
 California, *Toxostoma redivivum*  
 Crissal, *Toxostoma crissale*  
 Curve-billed, *Toxostoma curvirostre*  
 Le Conte's, *Toxostoma lecontei*  
 Long-billed, *Toxostoma longirostre*  
 Pearly-eyed, *Margarops fuscatus*  
 Sage, *Oreoscoptes montanus*  
 THRUSH, Aztec, *Ridgwayia pinicola*  
 Bicknell's, *Catharus bicknelli*  
 Blue Rock, *Monticola solitarius*  
 Dusky, *Turdus naumanni*  
 Eyebrowed, *Turdus obscurus*  
 Gray-cheeked, *Catharus minimus*  
 [Hawaiian (see KAMA'O, OLOMA'O, and OMA'O)]  
 Hermit, *Catharus guttatus*  
 Red-legged, *Turdus plumbeus*  
 [Small Kauai (see PUAIOHI)]  
 Swainson's, *Catharus ustulatus*  
 Varied, *Ixoreus naevius*  
 Wood, *Hylocichla mustelina*  
 [TIT, Siberian (see CHICKADEE, Gray-headed)]  
 TITMOUSE, Black-crested, *Baeolophus atricristatus*  
 Bridled, *Baeolophus wollweberi*  
 Juniper, *Baeolophus ridgwayi*  
 Oak, *Baeolophus inornatus*  
 [Plain (see Juniper and Oak)]  
 Tufted, *Baeolophus bicolor*  
 TITYRA, Masked, *Tityra semifasciata*  
 TOWHEE, Abert's, *Pipilo aberti*  
 [Brown (see California and Canyon)]  
 California, *Pipilo crissalis*  
 Canyon, *Pipilo fuscus*  
 Eastern, *Pipilo erythrophthalmus*  
 Green-tailed, *Pipilo chlorurus*  
 [Rufous-sided (see Eastern and Spotted)]  
 Spotted, *Pipilo maculatus*  
 [TREE-PIPIT, Olive (see PIPIT, Olive-backed)]  
 TROGON, [Eared (see QUETZEL, Eared)]  
 Elegant, *Trogon elegans*  
 TROPICBIRD, Red-billed, *Phaethon aethereus*  
 Red-tailed, *Phaethon rubricauda*  
 White-tailed, *Phaethon lepturus*  
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 Ruddy, *Arenaria interpres*  
 TURTLE-DOVE, Oriental, *Streptopelia orientalis*

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VEERY, *Catharus fuscescens*  
 VERDIN, *Auriparus flaviceps*  
 VIOLET-EAR, Green, *Colibri thalassinus*  
 VIREO, Bell's, *Vireo bellii*  
 Black-capped, *Vireo atricapillus*  
 Black-whiskered, *Vireo altiloquus*  
 Blue-headed, *Vireo solitarius*  
 Cassin's, *Vireo cassinii*  
 Gray, *Vireo vicinior*  
 Hutton's, *Vireo huttoni*  
 Philadelphia, *Vireo philadelphicus*  
 Plumbeous, *Vireo plumbeus*  
 Puerto Rican, *Vireo latimeri*  
 Red-eyed, *Vireo olivaceus*  
 [Solitary (see Blue-headed, Cassin's, and Plumbeous)]  
 Thick-billed, *Vireo crassirostris*  
 Warbling, *Vireo gilvus*  
 White-eyed, *Vireo griseus*  
 Yellow-green, *Vireo flavoviridis*  
 Yellow-throated, *Vireo flavifrons*  
 Yucatan, *Vireo magister*  
 WILLY TIRE, Black, *Coragyps atratus*

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WAGTAIL, [Black-backed (see White)]  
 Citrine, *Motacilla citreola*  
 Eastern Yellow, *Motacilla tschutschensis*  
 Gray, *Motacilla cinerea*  
 White, *Motacilla alba*  
 [Yellow (see Eastern Yellow)]  
 WARBLER, Adelaide's, *Dendroica adelaidae*  
 Arctic, *Phylloscopus borealis*  
 Bachman's, *Vermivora bachmanii*  
 Bay-breasted, *Dendroica castanea*  
 Black-and-white, *Mniotilta varia*  
 Black-throated Blue, *Dendroica caerulescens*  
 Black-throated Gray, *Dendroica nigrescens*  
 Black-throated Green, *Dendroica virens*  
 Blackburnian, *Dendroica fusca*  
 Blackpoll, *Dendroica striata*  
 Blue-winged, *Vermivora pinus*  
 Canada, *Wilsonia canadensis*  
 Cape May, *Dendroica tigrina*  
 Cerulean, *Dendroica cerulea*  
 Chestnut-sided, *Dendroica pensylvanica*  
 Colima, *Vermivora crissalis*  
 Connecticut, *Oporornis agilis*  
 Crescent-chested, *Parula superciliosa*  
 Dusky, *Phylloscopus fuscatus*  
 Elfin-woods, *Dendroica angelae*  
 Fan-tailed, *Euthlypis lachrymosa*  
 Golden-cheeked, *Dendroica chrysoparia*  
 Golden-crowned, *Basileuterus culicivorus*  
 Golden-winged, *Vermivora chrysoptera*  
 Grace's, *Dendroica graciae*  
 Hermit, *Dendroica occidentalis*  
 Hooded, *Wilsonia citrina*  
 Kentucky, *Oporornis formosus*  
 Kirtland's, *Dendroica kirtlandii*  
 Lanceolated, *Locustella lanceoloata*  
 Lucy's, *Vermivora luciae*  
 MacGillivray's, *Oporornis tolmiei*  
 Magnolia, *Dendroica magnolia*  
 Mourning, *Oporornis philadelphia*  
 Nashville, *Vermivora ruficapilla*  
 Olive, *Peucedramus taeniatus*  
 Orange-crowned, *Vermivora celata*  
 Palm, *Dendroica palmarum*  
 Pine, *Dendroica pinus*  
 Prairie, *Dendroica discolor*  
 Prothonotary, *Protonotaria citrea*  
 Red-faced, *Cardellina rubrifrons*  
 Rufous-capped, *Basileuterus rufifrons*  
 Swainson's, *Limnothlypis swainsonii*  
 Tennessee, *Vermivora peregrina*  
 Townsend's, *Dendroica townsendi*  
 Virginia's, *Vermivora virginiae*  
 Willow, *Phylloscopus trochilus*  
 Wilson's, *Wilsonia pusilla*  
 Wood, *Phylloscopus sialatrix*  
 Worm-Yellow, *Dendroica petechia*  
 Yellow-browed, *Phylloscopus inornatus*  
 Yellow-rumped, *Dendroica coronata*  
 Yellow-throated, *Dendroica dominica*  
 WATERTHRUSH, Louisiana, *Seiurus motacilla*  
 Northern, *Seiurus noveboracensis*  
 WAXWING, Bohemian, *Bombycilla garrulus*  
 Cedar, *Bombycilla cedrorum*  
 WHEATEAR, Northern, *Oenanthe oenanthe*  
 WHIMBREL, *Numenius phaeopus*  
 WHIP-POOR-WILL, *Caprimulgus vociferus*  
 WHISTLING-DUCK, Black-bellied, *Dendrocygna autumnalis*  
 Fulvous, *Dendrocygna bicolor*  
 West Indian, *Dendrocygna arborea*  
 WHITETHROAT, Lesser, *Sylvia curruca*  
 WIGEON, American, *Anas americana*  
 Eurasian, *Anas penelope*  
 WILLET, *Tringa semipalmata*  
 WOOD-PEWEE, Eastern, *Contopus virens*  
 Western, *Contopus sordidulus*

WOODPECKER, Acorn, *Melanerpes formicivorus*  
 American Three-toed, *Picoides dorsalis*  
 Arizona, *Picoides arizonae*  
 Black-backed, *Picoides arcticus*  
 Downy, *Picoides pubescens*  
 Gila, *Melanerpes uropygialis*  
 Golden-fronted, *Melanerpes aurifrons*  
 Great Spotted, *Dendrocopos major*  
 Hairy, *Picoides villosus*  
 Ivory-billed, *Campephilus principalis*  
 Ladder-backed, *Picoides scalaris*  
 Lewis's, *Melanerpes lewis*  
 Nuttall's, *Picoides nuttallii*  
 Pileated, *Dryocopus pileatus*  
 Puerto Rican, *Melanerpes portoricensis*  
 Red-bellied, *Melanerpes carolinus*  
 Red-cockaded, *Picoides borealis*  
 Red-headed, *Melanerpes erythrocephalus*  
 [Strickland's (see Arizona)]  
 [Three-toed (see American Three-toed)]  
 White-headed, *Picoides albolarvatus*  
 WOODSTAR, Bahama, *Calliphlox evelynae*  
 WREN, Bewick's *Thryomanes bewickii*  
 Cactus, *Campylorhynchus brunneicapillus*  
 Canyon, *Catherpes mexicanus*  
 Carolina, *Thryothorus ludovicianus*  
 House, *Troglodytes aedon*  
 Marsh, *Cistothorus palustris*  
 Rock, *Salpinctes obsoletus*  
 Sedge, *Cistothorus platensis*  
 Winter, *Troglodytes troglodytes*  
 WRYNECK, Eurasian, *Jynx torquilla*  
 YELLOWLEGS, Greater, *Tringa melanoleuca*  
 Lesser, *Tringa flavipes*  
 YELLOWTHROAT, Common, *Geothlypis trichas*  
 Gray-crowned, *Geothlypis poliocephala*eating, *Helmitheros vermivorum*

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Last updated: November 23, 2010



**APPENDIX H – Resumes of Personnel**

**Nicole M. Harings, M.S.**  
**Wildlife Biologist**

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**Education:**

Ph.D.—Biology, Statistics, New Mexico State University, Las Cruces, New Mexico, anticipated graduation, 2012

M.S.—Biology, Aquatic Ecology, Ethology, Eastern New Mexico University, Portales, New Mexico, 2008

B.S.—Biology, Dance, University of Wisconsin-Stevens Point, Stevens Point, Wisconsin, 2005

**Employment History:**

2010–Present      Souder, Miller & Associates, Las Cruces, NM

2007–Present      Aquatics Lab, New Mexico State University, Las Cruces, NM

2007                Wildlife Plus, Lingo, NM

2004                Wisconsin Cooperative Fisheries Research Unit, University of Wisconsin Stevens Point, Stevens Point, WI

2003–2004        Point Dance Ensemble, Stevens Point, WI

1999–2005        Turning Point Dance Academy, Stevens Point, WI

**Professional Affiliations/Organizations:**

American Society of Ichthyology and Herpetology (ASIH)/Copeia 2009–present

The Wildlife Society NMSU Chapter 2009–present

American Fisheries Society NMSU Chapter 2009–present

Graduate Student Council, Activities Coordinator, 2008–2010

Graduate Student Organization, Fish and Wildlife Sciences President 2008–2009

The Honor Society of Phi Kappa Phi 2008–present

The Nature Conservancy 2007–present

Wildlife Conservation Society 2006–present

**Technical Training:**

- National Conservation Training Center, Population Viability Analysis IV: Modeling Occupancy for Conservation (U.S. Fish and Wildlife Service)
- Institutional Animal Care and Use Committee (IACUC) Assurance of Actual Training 2-Hour Short Course (New Mexico State University)
- Defensive Driving 4-Hour Short Course (National Safety Council, NMSU/Environmental Health and Safety)

**Areas of Specialty:**

- Amphibian Ecology/Field Methods
- Aquatic Ecology
- Project Management

## Experience:

### Investigation

Ms. Harings' research weighs heavily in the conservation of ecosystems, biodiversity and sustaining natural resources. Specifically, she studies biodiversity indicators such as anurans (including behavior, life history, and response to environmental changes). Ms. Harings' doctoral research is focused on the conditions of climate change; environmental variables such as ultraviolet-radiation (UVR) are interacting with other factors that can alter the composition of ecosystems depending on the adaptability of the organisms present. She is currently studying variable interactions (UVR, pH, salinity, and temperature) on the New Mexico Spadefoot toad (*Spea multiplicata*) in the laboratory and conducting field surveys on five desert toad species in the field for occupancy modeling. She is also measuring covariates in the field (Jornada Long-term Experimental Range) including water quality parameters, vegetation surveys, and soil surveys. Ms. Harings also works as team leader, managing six employees in order to successfully accomplish the required research tasks.

Aquatic ecology is of particular interest to Ms. Harings, since water is a shared and limited resource where anurans spend much of their lifecycle. The intentions of her research are to discern the causes of species decline, determine species thresholds, and communicate with local communities to determine the most necessary and reasonable strategies to initiate habitat restoration and create a healthy coexistence between humans and wildlife.

Ms. Harings received a Master's degree from Eastern New Mexico University, Portales, NM studying behavioral and morphological ontogeny (developmental changes) of the tadpole shrimp *Triops longicaudatus*. Strong skills in laboratory techniques were acquired. While working as a field technician for Wildlife Plus, she gained experience handling and identifying small mammals and reptiles. Ms. Harings learned to set-up Sherman, funnel and pitfall traps, as well as operate and maintain four-wheelers to travel among sites and move arrays.

While working for the Wisconsin Cooperative Fisheries Research Unit at the University of Wisconsin Stevens Point, she gained field experience researching frogs, which entailed SCUBA diving to observe tadpoles foraging behavior on submerged fallen trees along riparian areas with mostly undeveloped shorelines. She became familiar with conducting surveys and learned to operate a 25hp V-hull, flat-bottom boat.

### Permitting and Government Agency Interaction

As part of her personal duties as a Ph.D. student and researcher, Ms. Harings attends the Joint Annual meetings of the Arizona and New Mexico chapters of the Wildlife Society (TWS) and the American Fisheries Society (AFS), where she has made contacts and communicates with researchers and employees of the New Mexico Department of Game and Fish (NMDGF) and the U.S. Fish and Wildlife Service, along with other students and researchers with similar goals and interests. Ms. Harings currently holds a permit of authorization from the NMDGF for taking protected wildlife for scientific and/or education purposes (e.g., eggs/tadpoles of five desert toad species).

**Publications/Technical Presentations:**

Harings, N. and M. M. F. Lutnesky, *Behavioral and morphological ontogeny of the tadpole shrimp Triops longicaudatus* (LeConte) (Notostraca: Triopsidae). Thesis. ENMU. Portales, NM. 10 May 2008. (Publication in prep).

Harings, N. and M. Bozek. *Behavioral observations and dietary analysis of tadpoles and frogs to determine the utilization of submerged riparian trees on Lake Katherine in Minocqua, Wisconsin*. 2004. (Publication in prep).

Harings, N. and M.M.F. Lutnesky. *The influence of larval Culex spp. (Diptera: Culicidae) on behavior and growth rate of the tadpole shrimp Triops longicaudatus* (Notostraca: Triopsidae). Poster presentation at the 54<sup>th</sup> annual Southwestern Association of Naturalists Conference. Stephenville, TX. 20 April 2007. Oral presentation at the ENMU, Student Research Conference. Portales, NM. 10 April 2007.

Harings, N. and M.M.F. Lutnesky. *The influence of Culiseta spp. (Diptera: Culicidae) on behavior and growth of Triops longicaudatus* (Notostraca: Triopsidae). Oral presentation at the 77<sup>th</sup> annual Rocky Mountain Conference for Entomologists. Colorado Springs, CO. 30 July–3 August 2006.

Harings, N. and M. Bozek. *Behavioral observations and dietary analysis of tadpoles and frogs to determine the utilization of submerged riparian trees on Lake Katherine in Minocqua, Wisconsin*. Oral presentation at the Midwest Fish and Wildlife Conference. Indianapolis, IN. 13 December 2004.

Harings, N. *Odonata larvae present in Wyoming*. Poster presentation at the Annual Research Symposium, UWSP. Stevens Point, WI. 2002.



**Appendix E6**  
**EPA Facility Registration System Sites**



http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110033346458  
Last updated on Wednesday, July 06, 2011

Facility Registry System (FRS)

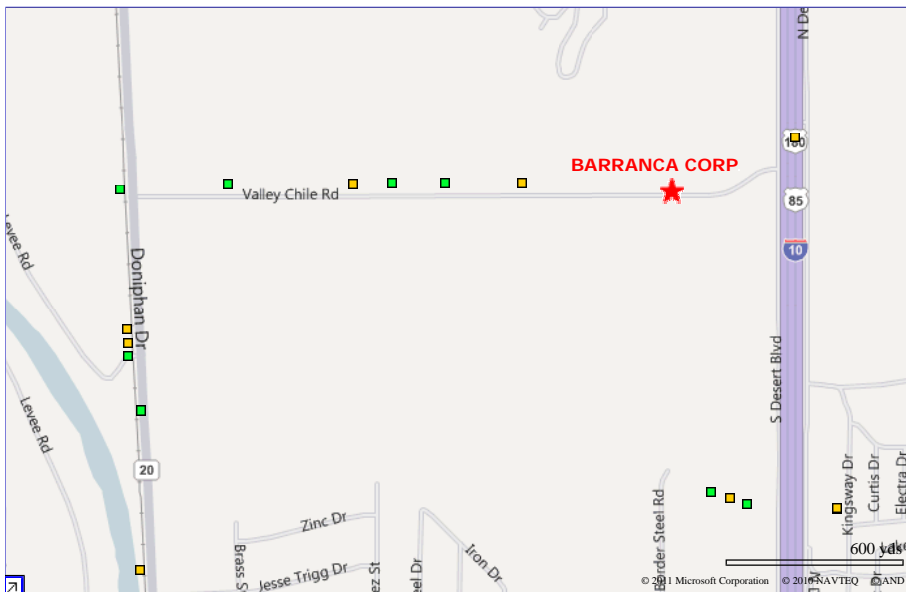
You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**BARRANCA CORP**  
600 VALLEY CHILI RD  
ANTHONY, TX 798219302  
EPA Registry Id: 110033346458



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN101268043	STATE MASTER	TX-TCEQ ACR		REGISTRATION-0710121 PUBLIC WATER SYSTEM/SUPPLY REGISTRATION-0710121 COMMUNITY WATER SYSTEM

Additional EPA Reports: [MvEnvironment](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	06
DUNS Number:	
Congressional District Number:	16
Legislative District Number:	
HUC Code/Watershed:	13030102 / EL PASO-LAS CRUCES
US Mexico Border Indicator:	YES
Federal Facility:	
Tribal Land:	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
RESPONSIBLE PARTY	600 VALLEY CHILI RD	ANTHONY	TX	798219302	TX-TCEQ ACR

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
RESPONSIBLE PARTY	BARRANCA CORPORATION		TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011



Facility Registry System (FRS)

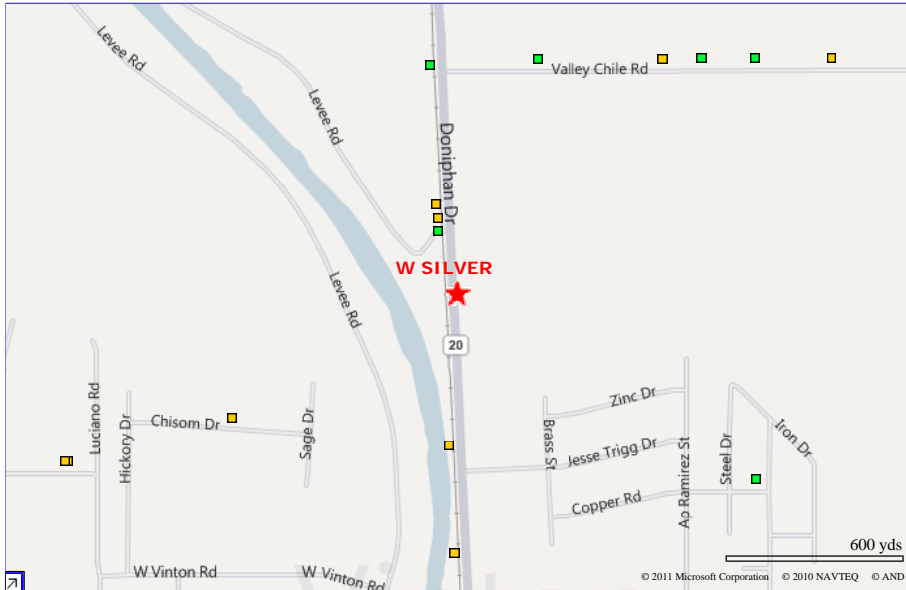
You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**W SILVER**  
 9059 DONIPHAN DRIVE  
 VINTON, TX 79821-9348  
 EPA Registry Id: 110005079967



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
AIR FACILITY SYSTEM	4814100030	AIR MINOR (ACTIVE)	AIRS/AFS	02/16/2011	
BIENNIAL REPORTERS	TXD980809487	HAZARDOUS WASTE BIENNIAL REPORTER	RCRAINFO	12/31/2005	
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY INFORMATION SYSTEM	TXD980809487	SUPERFUND	CERCLIS		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	TXD980809487	CESQG (ACTIVE)	NOTIFICATION (RCRA)	06/02/2010	
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN100930965	STATE MASTER	TX-TCEQ ACR		REGISTRATION-0710096 PUBLIC WATER SYSTEM/SUPPLY PERMIT-20021 AIR NEW SOURCE PERMITS SOLID WASTE REGISTRA-20498 IHW CORRECTIVE ACTION SOLID WASTE REGISTRA-20498 INDUSTRIAL AND HAZARDOUS WASTE GENERATION PERMIT-2245 AIR NEW SOURCE PERMITS PERMIT-2813 AIR NEW SOURCE PERMITS PERMIT-43917 AIR NEW SOURCE PERMITS AFS NUM-4814100030 AIR NEW SOURCE PERMITS REGISTRATION-72793 PETROLEUM STORAGE TANK REGISTRATION PERMIT-7916 AIR NEW SOURCE PERMITS PERMIT-86 AIR NEW SOURCE PERMITS PERMIT-987 AIR NEW SOURCE PERMITS ACCOUNT NUMBER-EE00910 AIR NEW SOURCE PERMITS EPA ID-TXD980809487 INDUSTRIAL AND HAZARDOUS WASTE GENERATION PERMIT-TXR05M657 STORMWATER PERMIT-TXR05T729 STORMWATER PERMIT-2245 AIR PROGRAM PERMIT-2813 AIR PROGRAM PERMIT-20021 AIR PROGRAM

http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110005... Last updated on 7/6/2011

**PERMIT-43917**  
 AIR PROGRAM  
**ACCOUNT NUMBER EE00910**  
 AIR PROGRAM  
**PERMIT-86**  
 AIR PROGRAM  
**AFS NUM-4814100030**  
 AIR PROGRAM  
**SOLID WASTE REGISTRA-20498**  
 CORRECTIVE ACTION  
**PERMIT-987**  
 AIR PROGRAM  
**REGISTRATION-72793**  
 UNDERGROUND STORAGE TANK PROGRAM  
**SOLID WASTE REGISTRA-20498**  
 HAZARDOUS WASTE PROGRAM  
**REGISTRATION-0710096**  
 COMMUNITY WATER SYSTEM  
**PERMIT-7916**  
 AIR PROGRAM  
**EPA ID-TXD980809487**  
 HAZARDOUS WASTE PROGRAM  
**PERMIT-TXR05M657**  
 NPDES STORMWATER PERMIT  
**PERMIT-TXR05T729**  
 NPDES STORMWATER PERMIT

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
TX-TCEQ ACR	3312	STEEL WORKS, BLAST FURNACES (INCLUDING COKE OVENS), AND ROLLING MILLS	
TX-TCEQ ACR	3441	FABRICATED STRUCTURAL METAL	
TX-TCEQ ACR	3411	METAL CANS	
TX-TCEQ ACR	3499	FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED	
AIRS/AFS	3312	STEEL WORKS, BLAST FURNACES (INCLUDING COKE OVENS), AND ROLLING MILLS	
AIRS/AFS	3499	FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
FRS	332431	METAL CAN MANUFACTURING.	
TX-TCEQ ACR	331111	IRON AND STEEL MILLS.	
FRS	332312	FABRICATED STRUCTURAL METAL MANUFACTURING.	
TX-TCEQ ACR	332999	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING.	
RCRAINFO	332999	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING.	

Facility Codes and Flags

<b>EPA Region:</b>	06
<b>Duns Number:</b>	
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	04
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
MAILING ADDRESS	9059 DONIPHAN DR	VINTON	TX	79821	TX-TCEQ ACR
FACILITY MAILING ADDRESS	PO BOX 12904	EL PASO	TX	79913	RCRAINFO
OWNER	PO BOX 12904	EL PASO	TX	79913	RCRAINFO
OPERATOR	PO BOX 12904	EL PASO	TX	79913	RCRAINFO
OWNER OPERATOR	PO BOX 12904	EL PASO	TX	799130904	TX-TCEQ ACR
REGULATORY CONTACT	PO BOX 12904	EL PASO	TX	79913	RCRAINFO

Alternative Names

Alternative Name	Source of Data
W SLIVER INC	RCRAINFO
W SLIVER INC	RCRAINFO

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	RICK CARROLL	915-886-3553	RCRAINFO	<a href="#">View</a>
COMPLIANCE CONTACT	MARK FENENBOCK		AIRS/AFS	
OWNER OPERATOR	MARK FENENBOCK		TX-TCEQ ACR	<a href="#">View</a>


Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	FENENBOCKMARK		RCRAINFO	<a href="#">View</a>
OWNER	FENENBOCKMARK		RCRAINFO	<a href="#">View</a>
OWNER OPERATOR	W. SILVER, INC.	007929151	TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011

Additional information for CERCLIS or TRI sites:

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National Library of Medicine (NLM)  TOXMAP





http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110034775394  
Last updated on Wednesday, July 06, 2011

Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report

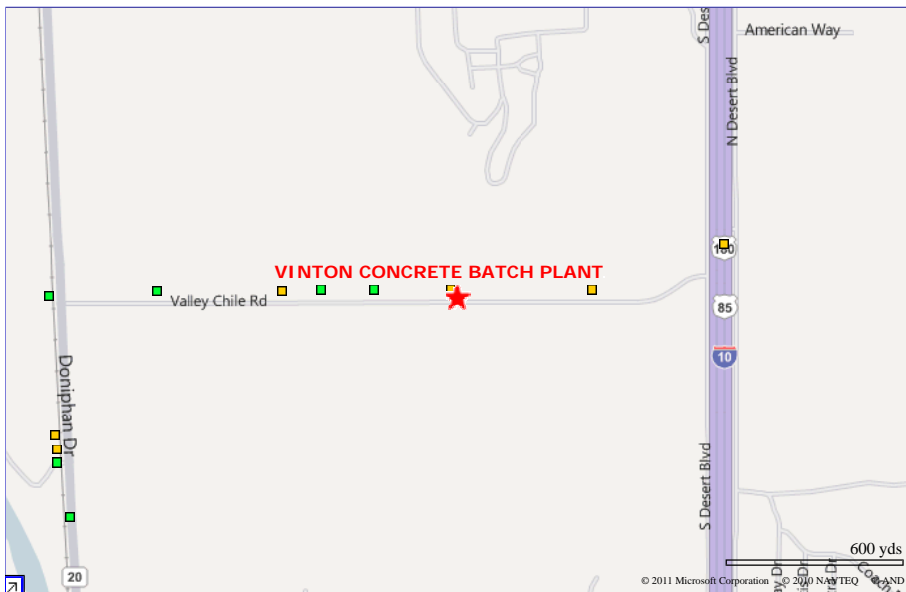


Facility Detail Report



**VINTON CONCRETE BATCH PLANT**

470 VALLEY CHILI RD  
VINTON, TX 798219310  
EPA Registry Id: 110034775394



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN104936992	STATE MASTER	TX-TCEQ ACR		PERMIT-TXR15BE64 STORMWATER

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

Data Source	SIC Code	Description	Primary
TX-TCEQ ACR	3273	READY-MIXED CONCRETE	

**National Industry Classification System Codes (NAICS)**

Data Source	NAICS Code	Description	Primary
FRS	327320	READY-MIX CONCRETE MANUFACTURING.	

**Facility Codes and Flags**

<b>EPA Region:</b>	06
<b>Duns Number:</b>	
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	
<b>Tribal Land:</b>	

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OPERATOR	1150 SOUTHVIEW DR	EL PASO	TX	799285240	TX-TCEQ ACR
MAILING ADDRESS	470 VALLEY CHILI RD	VINTON	TX	798219310	TX-TCEQ ACR

**Contacts**

No Contacts returned.

**Alternative Names**

No Alternative Names returned.

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	JOBE MATERIALS, L.P.		TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011

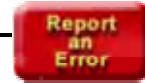


## Water Discharge Permits (PCS)

You are here: [EPA Home](#) [Envirofacts](#) [PCS](#) Query Results



### Query Results



**NPDES:** Equal To: TXG110907

PCS

Results are based on data extracted on JUN-13-2011

**Note:** Click on the underlined CORPORATE LINK value for links to that company's environmental web pages.  
Click on the underlined MAPPING INFO value to obtain mapping information for the facility.  
Click on the underlined NPDES value to view detailed reports on the facility.

[Go To Bottom Of The Page](#)

#### Facility Information

<u>FACILITY NAME:</u>	VALLEY CHILE ROAD CONCRETE BAT	<u>NPDES:</u>	<a href="#">TXG110907</a>
<u>STREET 1:</u>	470 VALLEY CHILE RD		
<u>CITY:</u>	VINTON	<u>PERMIT ISSUED DATE:</u>	JAN-07-2009
<u>STATE:</u>	TX	<u>PERMIT EXPIRED DATE:</u>	NOV-07-2011
<u>ZIP CODE:</u>	79821		
<u>COUNTY NAME:</u>	EL PASO	<u>SIC CODE:</u>	3273 READY-MIXED CONCRETE
<u>REGION:</u>	6	<u>MAPPING INFO:</u>	<a href="#">MAP</a>
<u>MAILING NAME:</u>	JOBA MATERIALS LP		

#### List of Permitted Discharges

<u>PIPE NUMBER</u>	<u>REPORT DESIGNATOR</u>	<u>PIPE SET QUALIFIER</u>	<u>PIPE DESCRIPTION</u>	<u>PARAMETER CODE</u>	<u>PARAMETER DESCRIPTION</u>
001	A	9	GP CONCRETE	00400	<a href="#">PH</a>
001	A	9	GP CONCRETE	00530	<a href="#">SOLIDS, TOTAL SUSPENDED</a>
001	A	9	GP CONCRETE	00556	<a href="#">OIL AND GREASE FREON EXTR- GRAV METH</a>
001	A	9	GP CONCRETE	50050	<a href="#">FLOW, IN CONDUIT OR THRU TREATMENT PLANT</a>
001	Y	9	GP CONCRETE	01002	<a href="#">ARSENIC, TOTAL (AS AS)</a>

001	Y	9	GP CONCRETE	01007	BARIUM, TOTAL (AS BA)
001	Y	9	GP CONCRETE	01027	CADMIUM, TOTAL (AS CD)
001	Y	9	GP CONCRETE	01034	CHROMIUM, TOTAL (AS CR)
001	Y	9	GP CONCRETE	01042	COPPER, TOTAL (AS CU)
001	Y	9	GP CONCRETE	01051	LEAD, TOTAL (AS PB)
001	Y	9	GP CONCRETE	01055	MANGANESE, TOTAL (AS MN)
001	Y	9	GP CONCRETE	01067	NICKEL, TOTAL (AS NI)
001	Y	9	GP CONCRETE	01077	SILVER, TOTAL (AS AG)
001	Y	9	GP CONCRETE	01092	ZINC, TOTAL (AS ZN)
001	Y	9	GP CONCRETE	01147	SELENIUM, TOTAL (AS SE)
001	Y	9	GP CONCRETE	71900	MERCURY, TOTAL (AS HG)
TX1	Y	9	GP CONCRETE	TIE3D	LC50/PF STAT 24HR ACU D. PULEX
TX1	Y	9	GP CONCRETE	TIE6C	LC50/PF STAT 24HR ACU PIMPHALES

[Go To Top Of The Page](#)

**Total Number of Facilities Displayed: 1**



Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**VALLEY BY PRODUCTS**

7740 KIELY RD  
VINTON, TX 798217605  
EPA Registry Id.: 110035060180



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN100820042	STATE MASTER	TX-TCEQ ACR		REGISTRATION-22760 SLUDGE REGISTRATION-40158 MUNICIPAL SOLID WASTE PROCESSING PERMIT-73247 AIR NEW SOURCE PERMITS ACCOUNT NUMBER-EE1074H AIR NEW SOURCE PERMITS PERMIT-WQ0001243000 WASTEWATER REGISTRATION-40158 SOLID WASTE PROGRAM REGISTRATION-22760 SEWAGE SLUDGE UTILIZATION ACCOUNT NUMBER-EE1074H AIR PROGRAM PERMIT-TXR05X913 NPDES STORMWATER PERMIT PERMIT-73247 AIR PROGRAM PERMIT-WQ0001243000 NPDES PERMIT

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

Data Source	SIC Code	Description	Primary
TX-TCEQ ACR	2077	ANIMAL AND MARINE FATS AND OILS	
TX-TCEQ ACR	2047	DOG AND CAT FOOD	

**National Industry Classification System Codes (NAICS)**

Data Source	NAICS Code	Description	Primary
FRS	311111	DOG AND CAT FOOD MANUFACTURING.	
TX-TCEQ ACR	311613	RENDERING AND MEAT BYPRODUCT PROCESSING.	

**Facility Codes and Flags**

EPA Region:	06
Duns Number:	
Congressional District Number:	16
Legislative District Number:	
HUC Code/Watershed:	13030102 / EL PASO-LAS CRUCES
US Mexico Border Indicator:	YES
Federal Facility:	
Tribal Land:	

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
MAILING ADDRESS	7740 KIELY RD	VINTON	TX	798217605	TX-TCEQ ACR
OWNER OPERATOR	PO BOX 628	CANUTILLO	TX	798350628	TX-TCEQ ACR

**Contacts**

No Contacts returned.



**Alternative Names**

[http://oaspub.epa.gov/enviro/fii\\_query\\_detail\\_disp\\_program\\_facility?p\\_registry\\_id=110035060180](http://oaspub.epa.gov/enviro/fii_query_detail_disp_program_facility?p_registry_id=110035060180)  
Last updated on Wednesday, July 06, 2011

No Alternative Names returned.

**Organizations**

<u>Affiliation Type</u>	<u>Name</u>	<u>DUNS Number</u>	<u>Information System</u>	<u>Mailing Address</u>
OWNER OPERATOR	VALLEY BY PRODUCTS, INC.		TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011



http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110034832910  
Last updated on Wednesday, July 06, 2011

Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**SILVERTON UPPER VALLEY WATER TREATMENT PLANT MO BUILDING**

9070 N VINTON RD  
VINTON, TX 79821  
EPA Registry Id.: 110034832910



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN105425714	STATE MASTER	TX-TCEQ ACR		PERMIT-TXRCW006 STORMWATER

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

Data Source	SIC Code	Description	Primary
TX-TCEQ ACR	1542	GENERAL CONTRACTORS-NONRESIDENTIAL BUILDINGS, OTHER THAN INDUSTRIAL BUILDINGS AND WAREHOUSES	

**National Industry Classification System Codes (NAICS)**

Data Source	NAICS Code	Description	Primary
FRS	236220	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION.	

**Facility Codes and Flags**

<b>EPA Region:</b>	06
<b>Duns Number:</b>	
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	
<b>Tribal Land:</b>	

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OPERATOR	PO BOX 12629	EL PASO	TX	799130629	TX-TCEQ ACR

**Contacts**

No Contacts returned.

**Alternative Names**

No Alternative Names returned.

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	SILVERTON CONSTRUCTION COMPANY INC		TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011



Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report

http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110006452169  
Last updated on Wednesday, July 06, 2011

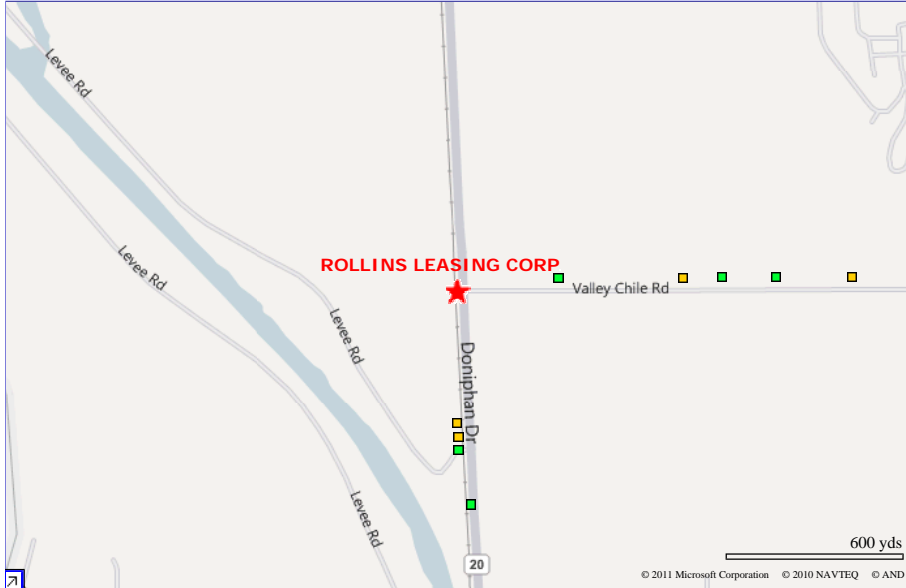


Facility Detail Report



**ROLLINS LEASING CORP**

8296 DONIPHAN DRIVE  
VINTON, TX 79821  
EPA Registry Id: 110006452169



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	TXD981609423	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	03/25/2004	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

No SIC Codes returned.

**National Industry Classification System Codes (NAICS)**

No NAICS Codes returned.

**Facility Codes and Flags**

<b>EPA Region:</b>	06
<b>Duns Number:</b>	023320526
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	04
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

**Alternative Names**

No Alternative Names returned.

**Organizations**

No Organizations returned.

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	1440 VANDERBILT	EL PASO	TX	79935	RCRAINFO
REGULATORY CONTACT	1440 VANDERBILT	EL PASO	TX	79935	RCRAINFO

**Contacts**

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	BOB BERGMANN	915-886-3591	RCRAINFO	<a href="#">View</a>

Query executed on: JUL-06-2011



http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110035314843  
Last updated on Wednesday, July 06, 2011

Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**MTI READYMIX PLANT NO 2**

315 VALLEY CHILI RD  
VINTON, TX 798219347  
EPA Registry Id.: 110035314843



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe
- Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN102775905	STATE MASTER	TX-TCEQ ACR		REGISTRATION-81862 AIR PROGRAM REGISTRATION-80258 AIR PROGRAM ACCOUNT NUMBER-9215040 AIR PROGRAM

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
TX-TCEQ ACR	3273	READY-MIXED CONCRETE	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
FRS	327320	READY-MIX CONCRETE MANUFACTURING.	

Facility Codes and Flags

EPA Region:	06
Duns Number:	
Congressional District Number:	16
Legislative District Number:	
HUC Code/Watershed:	13030102 / EL PASO-LAS CRUCES
US Mexico Border Indicator:	YES
Federal Facility:	
Tribal Land:	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
MAILING ADDRESS	315 VALLEY CHILI RD	VINTON	TX	798219347	TX-TCEQ ACR
OWNER	12290 ROJAS DR	EL PASO	TX	799367713	TX-TCEQ ACR

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	MULLEN-TELLES, INC.	150528586	TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011





Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**FUELS LLC**  
 400 VALLEY CHILI ROAD  
 ANTHONY, TX 79821-9310  
 EPA Registry Id.: 110017714945



- Legend**
- ★ Selected Facility
  - EPA Facility of Interest
  - State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
INTEGRATED COMPLIANCE INFORMATION SYSTEM	6512781	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	04/10/2004	
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	TXD988001178	CESQG (ACTIVE)	RCRAINFO	07/22/2008	
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	TXD988001178	TRANSPORTER (ACTIVE)	RCRAINFO	07/22/2008	
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN102072659	STATE MASTER	TX-TCEQ ACR		REGISTRATION-A85252 USED OIL EPA ID-TXD988057196 USED OIL PERMIT-TXR05T819 STORMWATER EPA ID-TXD988001178 HAZARDOUS WASTE PROGRAM PERMIT-TXR05T819 NPDES STORMWATER PERMIT SOLID WASTE REGISTRATION-A85252 HAZARDOUS WASTE PROGRAM EPA ID-TXD988057196 UNDERGROUND STORAGE TANK PROGRAM REGISTRATION-A85252 UNDERGROUND STORAGE TANK PROGRAM PERMIT-TXR05Y490 NPDES STORMWATER PERMIT

Additional EPA Reports: [MvEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
ICIS	4953	REFUSE SYSTEMS	
TX-TCEQ ACR	4213	TRUCKING, EXCEPT LOCAL	
TX-TCEQ ACR	9999	NONCLASSIFIABLE ESTABLISHMENTS	
FRS	4213	TRUCKING, EXCEPT LOCAL	
TX-TCEQ ACR	5093	SCRAP AND WASTE MATERIALS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
RCRAINFO	484121	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOAD.	
TX-TCEQ ACR	484121	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOAD.	
ICIS	562920	MATERIALS RECOVERY FACILITIES.	

Facility Codes and Flags

EPA Region:	06
Duns Number:	780543625
Congressional District Number:	16

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
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<b>Legislative District Number:</b>	04
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

**Alternative Names**

Alternative Name	Source of Data
NUNN WASTE MANAGEMENT	RCRAINFO

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	NUNN WASTE MANAGEMENT COMPANY		TX-TCEQ ACR	<a href="#">View</a>
OPERATOR	NUNNVICKIE		RCRAINFO	<a href="#">View</a>
OWNER	NUNNVICKIE		RCRAINFO	<a href="#">View</a>
OWNER OPERATOR	NUNN WASTE MANAGEMENT COMPANY		TX-TCEQ ACR	<a href="#">View</a>
OWNER OPERATOR	FUELS LLC		TX-TCEQ ACR	<a href="#">View</a>

OPERATOR	5199 HUNTERS GLENN CT	EL PASO	TX	79932	RCRAINFO
OPERATOR	400 VALLEY CHILI RD	ANTHONY	TX	798219310	TX-TCEQ ACR
OWNER OPERATOR	400 VALLEY CHILI RD	ANTHONY	TX	798219310	TX-TCEQ ACR
REGULATORY CONTACT	5199 HUNTERS GLENN CT	EL PASO	TX	79932	RCRAINFO
OWNER OPERATOR	5199 HUNTERS GLENN CT	EL PASO	TX	799323108	TX-TCEQ ACR
FACILITY MAILING ADDRESS	5199 HUNTERS GLENN CT	EL PASO	TX	79932	RCRAINFO
OWNER	5199 HUNTERS GLENN CT	EL PASO	TX	79932	RCRAINFO
MAILING ADDRESS	400 VALLEY CHILI RD	ANTHONY	TX	798219310	TX-TCEQ ACR

**Contacts**

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	VICKIE NUNN	915-886-3630	RCRAINFO	<a href="#">View</a>
OWNER OPERATOR	VICKIE NUNN	9158863630	TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011



http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110034239964  
Last updated on Wednesday, July 06, 2011

Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



Facility Detail Report



**EL PASO VINTON CO**

8244 DONIPHAN DR  
VINTON, TX 798219306  
EPA Registry Id.: 110034239964



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN102393840	STATE MASTER	TX-TCEQ ACR		REGISTRATION-74279 PETROLEUM STORAGE TANK REGISTRATION REGISTRATION-74279 UNDERGROUND STORAGE TANK PROGRAM

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

No SIC Codes returned.

**National Industry Classification System Codes (NAICS)**

No NAICS Codes returned.

**Facility Codes and Flags**

<b>EPA Region:</b>	06
<b>DUNS Number:</b>	
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	
<b>Tribal Land:</b>	

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OWNER	308 S AKARD ST	DALLAS	TX	752025315	TX-TCEQ ACR

**Contacts**

No Contacts returned.

**Alternative Names**

No Alternative Names returned.

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	SOUTHWESTERN BELL TELEPHONE, L.P.	108024050	TX-TCEQ ACR	<a href="#">View</a>

Query executed on: JUL-06-2011



http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110034324719  
Last updated on Wednesday, July 06, 2011

Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report

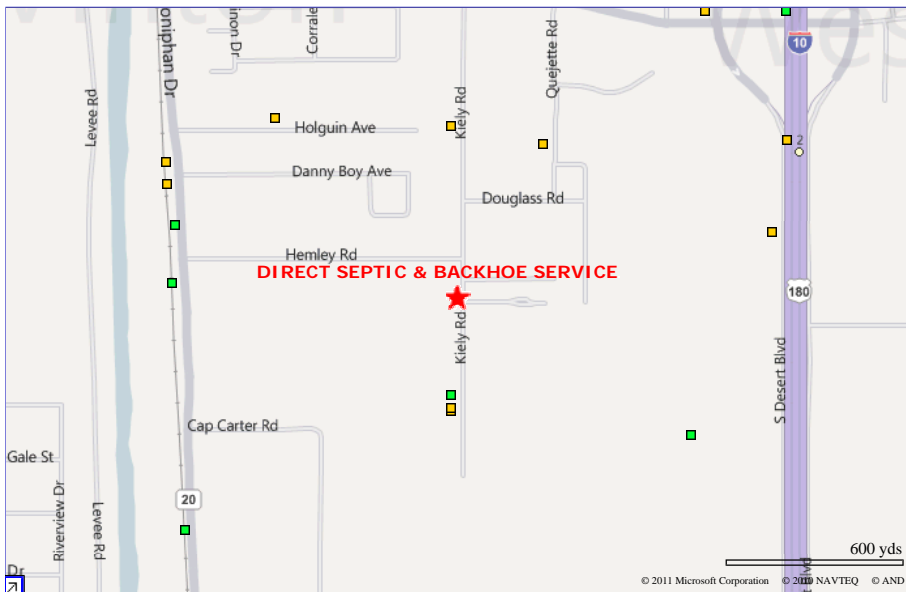


Facility Detail Report



**DIRECT SEPTIC & BACKHOE SERVICE**

7836 KIELY RD  
VINTON, TX 798217603  
EPA Registry Id.: 110034324719



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN105359525	STATE MASTER	TX-TCEQ ACR		REGISTRATION-23936 SLUDGE REGISTRATION-23936 SEWAGE SLUDGE UTILIZATION

Additional EPA Reports: [MvEnvironment](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

No SIC Codes returned.

**National Industry Classification System Codes (NAICS)**

No NAICS Codes returned.

**Facility Codes and Flags**

<b>EPA Region:</b>	06
<b>Duns Number:</b>	
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	
<b>Tribal Land:</b>	

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
MAILING ADDRESS	7836 KIELY RD	VINTON	TX	798217603	TX-TCEQ ACR
OWNER OPERATOR	PO BOX 299	CANUTILLO	TX	798350299	TX-TCEQ ACR

**Alternative Names**

Alternative Name	Source of Data
EDWARD SCHNIEDER	TX-TCEQ ACR

**Contacts**

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
OWNER OPERATOR	EDWARD SCHNEIDER	9154713680	TX-TCEQ ACR	<a href="#">View</a>

**Organizations**

No Organizations returned.

Query executed on: JUL-06-2011





Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report

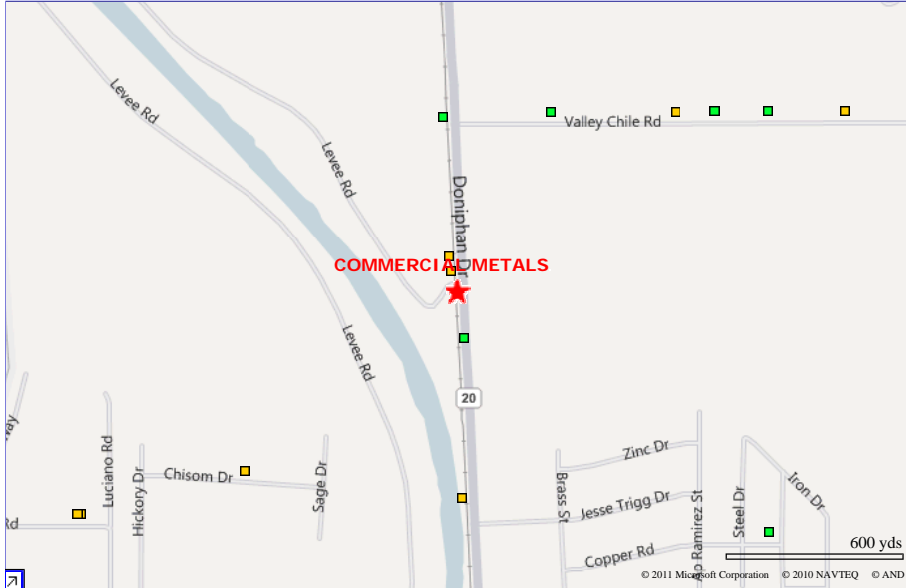


Facility Detail Report



**COMMERCIAL METALS**

8230 DONIPHAN DRIVE  
VINTON, TX 79821  
EPA Registry Id: 110005028246



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
NATIONAL COMPLIANCE DATABASE	I06#19930923TX011 2	COMPLIANCE ACTIVITY	NCDB		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	TXD000742403	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	06/15/2009	
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY	RN102412376	STATE MASTER	TX-TCEQ ACR		PERMIT-236 AIR NEW SOURCE PERMITS AFS NUM-4814100039 AIR NEW SOURCE PERMITS PERMIT-50208 INDUSTRIAL AND HAZARDOUS WASTE STORAGE REGISTRATION-51155 PETROLEUM STORAGE TANK REGISTRATION REGISTRATION-82532 AIR NEW SOURCE PERMITS ACCOUNT NUMBER-EE0068J AIR NEW SOURCE PERMITS PERMIT-TXR05L270 STORMWATER REGISTRATION-82532 AIR PROGRAM ACCOUNT NUMBER-EE0068J AIR PROGRAM PERMIT-50208 HAZARDOUS WASTE PROGRAM REGISTRATION-51155 UNDERGROUND STORAGE TANK PROGRAM PERMIT-TXR05L270 NPDES STORMWATER PERMIT PERMIT-236 AIR PROGRAM AFS NUM-4814100039 AIR PROGRAM

Additional EPA Reports: [MvEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NCDB	3398	METAL HEAT TREATING	
TX-TCEQ ACR	5093	SCRAP AND WASTE MATERIALS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
FRS	332811	METAL HEAT TREATING.	
TX-TCEQ ACR	423930	RECYCLABLE MATERIAL MERCHANT WHOLESALERS.	
RCRAINFO	42393	RECYCLABLE MATERIAL MERCHANT WHOLESALERS	

Facility Codes and Flags

EPA Region: 06
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<b>Duns Number:</b>	019645212
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	06
<b>HUC Code/Watershed:</b>	T3030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110005028246  
 Facility Mailing Addresses  
 last updated on Wednesday, July 06, 2011

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OPERATOR	8230 DONIPHAN H-80	CANUTILLO	TX	79835	RCRAINFO
REGULATORY CONTACT	P.O. BOX 508	CANUTILLO	TX	79835	RCRAINFO
OWNER OPERATOR	PO BOX 1046	DALLAS	TX	752211046	TX-TCEQ ACR
FACILITY MAILING ADDRESS	P.O. BOX 508	CANUTILLO	TX	79835	RCRAINFO
MAILING ADDRESS	8230 DONIPHAN DR	VINTON	TX	798219306	TX-TCEQ ACR

**Alternative Names**

Alternative Name	Source of Data
PROLER INTERNATIONAL CORP	NCDB

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	COMMERCIAL METALS COMPANY		RCRAINFO	<a href="#">View</a>
OWNER	COMMERCIAL METALS COMPANY		RCRAINFO	
OWNER OPERATOR	COMMERCIAL METALS COMPANY	007925845	TX-TCEQ ACR	<a href="#">View</a>

**Contacts**

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	JOHN EVERETT	915-886-3911	RCRAINFO	<a href="#">View</a>

Query executed on: JUL-06-2011



Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report

http://oaspub.epa.gov/enviro/fii\_query\_detail\_disp\_program\_facility?p\_registry\_id=110006452524  
Last updated on Wednesday, July 06, 2011

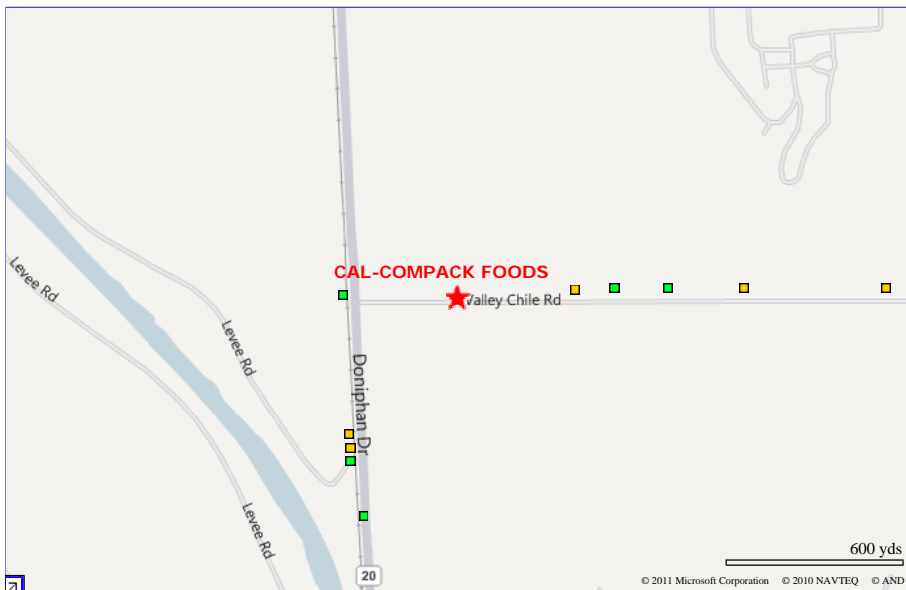


Facility Detail Report



**CAL-COMPACK FOODS**

200 VALLEY CHILE ROAD  
VINTON, TX 79821-9349  
EPA Registry Id: 110006452524



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	TXD988027231	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	03/25/2004	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

No SIC Codes returned.

**National Industry Classification System Codes (NAICS)**

Data Source	NAICS Code	Description	Primary
RCRAINFO	311423	DRIED AND DEHYDRATED FOOD MANUFACTURING.	

**Facility Codes and Flags**

<b>EPA Region:</b>	06
<b>Duns Number:</b>	614644748
<b>Congressional District Number:</b>	16
<b>Legislative District Number:</b>	04
<b>HUC Code/Watershed:</b>	13030102 / EL PASO-LAS CRUCES
<b>US Mexico Border Indicator:</b>	YES
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

**Facility Mailing Addresses**

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OWNER	PO BOX 1711	ANTHONY	NM	88021	RCRAINFO
OPERATOR	PO BOX 1711	ANTHONY	NM	88021	RCRAINFO
REGULATORY CONTACT	PO BOX 1711	ANTHONY	NM	88021	RCRAINFO
FACILITY MAILING ADDRESS	PO BOX 1711	ANTHONY	NM	88021	RCRAINFO

**Alternative Names**

Alternative Name	Source of Data
VINTON PLANT	RCRAINFO

**Contacts**

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	JAMES KNOX	915-886-3777	RCRAINFO	<a href="#">View</a>

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	CAL-COMPACK FOODS		RCRAINFO	<a href="#">View</a>
OWNER	CAL-COMPACK FOODS		RCRAINFO	<a href="#">View</a>

Query executed on: JUL-06-2011

**Appendix E7**  
**Public Involvement and Responsiveness Summary (to be included in Final ER)**

**Appendix E8**  
**Affidavit of Publication from West Texas County Courier (to be included in Final ER)**