From: <u>Kyle Summers</u>

To: cory.smith@state.nm.us

Cc: Miller, Greg; Long, Thomas; Cooksey, Nick; Drewry, Scott; Marc Gentry

Subject: Revised Stage 1 Abatement Plans for AP-131

Date: Thursday, May 23, 2019 12:01:54 PM

Attachments: Trunk 6C Abatement Plan Final Full Revised v2.pdf

Cory,

The revised Stage 1 Abatement Plan for the above-referenced site is attached for your review.

Respectfully, Kyle Summers

REVIEWED

By Mike Buchanan at 11:36 am, Jan 25, 2024

Kyle Summers

Ensolum, LLC | Environmental & Hydrogeologic Consultants 606 South Rio Grande, Suite A | Aztec, NM 87410 Mobile 903.821.5603

ksummers@ensolum.com www.ensolum.com



Stage 1 Abatement Plan reviewed and conditionally approved. Letter of determination sent electronically on 01/25/2024.



REVISED TRUNK 6C KUTZ WASH PIPELINE RELEASE STAGE 1 ABATEMENT PLAN

Property:

Trunk 6C Kutz Wash Pipeline Release SW ¼, S26 T28N R11W San Juan County, New Mexico

New Mexico EMNRD OCD RP No. 3R-438 Abatement Plan No. 131

> March 21, 2019 Revised May 22, 2019 Ensolum Job No: 05A1226011

> > Prepared for:

Enterprise Field Services, LLC P.O. Box 4324 Houston, Texas 77210-4324 Attn: Mr. Gregory E. Miller, P.G.

Ranee Deechilly Staff Scientist

Kyle Summers, CPG Senior Project Manager



Table of Contents

•	IIN I	KODUC	, I ION		. !
	1.1	STAND	ARD OF CAR	E AND LIMITATIONS	. 1
2	SIT	E DESC	RIPTION A	ND BACKGROUND	. 2
3	SIT	E CHAF	RACTERIZA	.TION	. 2
	3.1 3.2 3.3	LOCAL	GEOLOGY A	Y AND HYDROGEOLOGY ND HYDROGEOLOGY	. 3
4				SSESSMENT ACTIVITIES	
5				RING ACTIVITIES	
	5.1 5.2 5.3 5.4 5.5 5.6	GROUN GROUN AQUIFE STAGE	IDWATER SA IDWATER LAI ER CHARACTI 2 ABATEMEN	Y PLAN MPLING PROGRAM BORATORY ANALYTICAL PROGRAM ERIZATION IT PLAN PROPOSAL	. 6 . 7 . 7
6				LE	
LI	ST OF	APPEN	DICES		
Αį	opendi	ix A:	Figures Figure 1 Figure 2 Figure 3 Figure 4A Figure 4C Figure 4D Figure 4E Figure 4F Figure 5A Figure 5B Figure 5C Figure 5D	Topographic Map Site Vicinity Map Site Map Benzene RAL Exceedance Zone Map Vadose Zone 0 to 10 Feet BGS BTEX RAL Exceedance Zone Map Vadose Zone 0 to 10 Feet BG TPH RAL Exceedance Zone Map Vadose Zone 0 to 10 Feet Benzene RAL Exceedance Zone Map Capillary Fringe Zone BTEX RAL Exceedance Zone Map Capillary Fringe Zone TPH RAL Exceedance Zone Map Capillary Fringe Zone Groundwater Gradient Map (June 2018) Groundwater Gradient Map (December 2018) Groundwater Quality Standard (GQS) Exceedance Zone Map (June 2018) Groundwater Quality Standard (GQS) Exceedance Zone Map (December 2018)	18)
Αį	opendi	ix B:	Tables Table 1 Table 2 Table 3	Soil Analytical Summary Groundwater Analytical Summary Groundwater Elevations	
Αı	opendi	ix C:	Soil Boring	/Monitoring Well Logs	



Appendix D: Public Notice and Landowner Table

May 22, 2019 Page 1

1 INTRODUCTION

Ensolum, LLC (Ensolum) has prepared a Stage 1 Abatement Plan for the Enterprise Field Services, LLC (Enterprise) Trunk 6C Kutz Wash pipeline release site located within the southwest (SW) 1/4 of Section 26, Township 28 North, Range 11 West, in San Juan County, New Mexico (36.63202°N, 107.97400°W), hereinafter referred to as the "Site".

Based on correspondence from the New Mexico Energy Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD), dated January 22, 2019, Enterprise is required to submit a Stage 1 Abatement Plan no later than March 22, 2019. The Stage 1 Abatement Plan is intended to define site conditions such that an effective abatement option can be selected. Stage 2 is implementation of the remedial option. This Stage 1 Abatement Plan details the site description and background, historic site investigation and remediation activities and the geologic and hydrogeologic characteristics. Additionally, the Stage 1 Abatement Plan may propose additional delineation, monitoring activities, and remediation activities and provides a proposed schedule to complete delineation activities in accordance with New Mexico Administrative Code (NMAC) 19.15.30. Subsequent to the successful completion and the agency approval of the proposed monitoring activities, a Stage 2 Abatement Plan will be developed to address the remediation of constituents of concern (COCs) remaining at the Site in excess of the applicable New Mexico EMNRD closure criteria.

1.1 Standard of Care and Limitations

Ensolum's services will be performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services to be performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information to be used in the report (e.g. laboratories, regulatory agencies, or other third parties). This scope of services will be performed in accordance with the scope of work agreed with the client and regulatory agency, as detailed in our discussions.

Findings, conclusions, and recommendations resulting from these services will be based upon information derived from public information resources and it should be noted that this information is subject to change over time. Ensolum's findings are based solely upon data available to Ensolum at the time of these services.

This report will be prepared for the exclusive use of Enterprise Products Operating LLC (Enterprise), and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization Enterprise and Ensolum. Any unauthorized distribution or reuse is at the Client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the Stage 1 Abatement Plan and Ensolum's Agreement with the client. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.



May 22, 2019 Page 2

2 SITE DESCRIPTION AND BACKGROUND

The Trunk 6C Kutz Wash pipeline release Site is located on land managed by the United States Bureau of Land Management (BLM). The Site is surrounded by rangeland that is periodically interrupted by oil and gas production and gathering facilities, including the natural gas gathering pipeline that traverses the area from approximately northwest to southeast.

On September 22, 2011, a pipeline release of natural gas and associated pipeline liquids was discovered at the Site and the pipeline was subsequently repaired. A Site assessment conducted by Animas Environmental Services, LLC (AES) during October 2011 identified COC concentrations in "test hole" excavation soil and groundwater that exceeded the New Mexico EMNRD OCD *Remediation Action Levels* (*RALs*) (which were applicable at that time) for soils and the New Mexico Water Quality Control Commission (WQCC) *Groundwater Quality Standards* (*GQSs*) for groundwater.

Excavation, delineation, and remediation activities were performed between November 2011 and September 2016. Results from the excavation, delineation, and remediation activities indicated COC concentrations in soil and groundwater above the applicable New Mexico EMNRD OCD and WQCC standards. Semi-annual groundwater monitoring events are ongoing at the Site.

A **Topographic Map** is provided as **Figure 1** of **Appendix A**, which was reproduced from a portion of a United States Geological Survey (USGS) 7.5-minute series topographic map. A **Site Vicinity Map**, created from an aerial photograph, is provided as **Figure 2**, and a **Site Map**, which indicates the locations of the monitoring wells and recent soil borings in relation to pertinent structures and general Site boundaries, is provided as **Figure 3** of **Appendix A**.

3 SITE CHARACTERIZATION

3.1 Regional Geology and Hydrogeology

The Site is located within the San Juan Basin which is the major structural feature in the northwest corner of New Mexico. The San Juan Basin is classified as an arid region, as most of the area receives less than 10 inches of precipitation per year. Mean annual precipitation in the mountainous regions along the basin margin may be as much as 30 inches a year. Surface water is relatively scarce, with the exception of the San Juan River and its tributaries.

Based upon reference information from the New Mexico Bureau of Geology and Mineral Resources publication on the background geology of the San Juan Basin (Decision-Makers Field Conference 2002) "most of the aquifers in the San Juan Basin exist under confined or semiconfined hydrologic conditions. In Mesozoic rocks of the region, the confined sandstone aquifers are interbedded with shales that behave as aquitards. The Triassic mudrock sequence is the aquitard for the Permian Limestone. Groundwater in the alluvium along streams and in the shallow Tertiary sandstone aquifers is generally unconfined and is open to the atmosphere through pores in the overlying permeable rocks."

The major aquifer underlying the Site vicinity is listed as the Colorado Plateaus Aquifer, which is made up of four aquifers – Uinta-Anima, Mesa Verde, Dakota-Glen, and Coconino-De Chelly. The Uinta-Animas is the shallowest of these aquifers and is present in the San Juan Basin. The general composition of the aquifers is moderately to well-consolidated sedimentary rocks of an



May 22, 2019

Page 3

age ranging from Permian to Tertiary. Each aquifer is separated from the others by an impermeable confining unit. Two of the confining units are completely impermeable and cover the entire area of the aquifers. The other two confining units are less extensive and are thinner. These units allow water to flow between the principal aquifers.

According to the New Mexico Bureau of Geology and Mineral Resource (Geologic Map of New Mexico 2003), the Site is located within the upper Nacimiento Formation. The Nacimiento Formation is a heterogeneous non-marine formation composed of sandstone, siltstone, and shale, comprised of sediment eroded from the San Juan and Brazos-Sangre de Cristo uplifts.

3.2 Local Geology and Hydrogeology

Boring logs were prepared during historic site investigation activities. The boring logs recorded sample identification, depth collected, and method of collection, as well as observations of soil moisture, color, grain size, contaminant presence, and overall stratigraphy. The lithology encountered at the Site during boring activities were composed of Quaternary alluvial and fluvial deposits. Based on the data collected during the completion of the soil borings, the lithology generally consists of brown to tan silty sands, sands, and clayey sand, with some gravel at depths greater than 20 feet below grade surface (bgs). Sandstone bedrock was identified at approximately 25 feet bgs.

The lithology observed during the advancement of soil boring MW-7 at the Site included a brown silty sand from the surface to approximately five (5) feet bgs. The silty sand stratum was underlain by a brown clayey sand from five (5) feet bgs to 10 feet bgs. A brown sand was encountered from 10 feet bgs to 25 feet bgs. Gray bedrock was encountered from 25 feet bgs to the terminus depth of 26 feet bgs. The lithologies observed in the remaining soil borings at the Site were generally similar to that of soil boring MW-7. Detailed lithologic descriptions are presented on the monitoring well soil boring logs included in **Appendix C**.

The initial groundwater-bearing unit at the Site was encountered at depths ranging from 13 to 16 feet bgs during supplemental investigation activities. The groundwater flow direction (gradient) at the Site is generally toward the northwest and averages approximately 0.008 feet per foot (ft/ft) across the Site.

Based on site investigation activities, impact to surface water has not been identified.

Based on Domenico and Schwartz (1990) a default hydraulic conductivity value for the impacted sand unit at the Site would be, on average, 2x10⁻⁶ m/sec which is equivalent to 0.57 feet per day (ft/day). Additional site-specific aquifer characterization is proposed in this Stage 1 Abatement Plan Proposal.

3.3 Proposed Cleanup Goals

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. Initial Site activities were performed in accordance with the New Mexico ENMRD OCD Guidelines for Remediation of Leaks, Spills and Releases, in addition to the New Mexico EMNRD OCD rules, specifically NMAC 19.15.29 Release Notification. This guidance established investigation and abatement action requirements for sites subject to reporting and/or corrective action prior to the update of the rule during August 2018. Groundwater remediation activities at the Site will be performed in accordance with NMAC 19.15.30 Remediation.



Page 4

Ensolum utilized information provided by Enterprise, the general site characteristics, and information available from the New Mexico Office of the State Engineer (OSE) and the New Mexico EMNRD OCD Imaging Database to determine the appropriate closure criteria for the Site.

- No water wells were identified within a one (1) mile search radius of the Site on the OSE
 Water Rights Reporting System (WRRS) database. Based on water levels measured in
 groundwater monitoring wells located at the Site, the depth to groundwater is less than 50
 feet bgs.
- The Site is located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or significant watercourse. The Site is located approximately 127 feet southwest of Kutz Canyon Wash.
- The Site is not located within 200 feet of a lakebed, sinkhole or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution or church.
- No springs, or private domestic fresh water wells used by less than five (5) households for domestic or stock watering purposes were identified within 500 feet of the Site.
- No fresh water wells or springs were identified within 1,000 feet of the Site.
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3.
- The Site is not located within 300 feet of a wetland.
- Based on information identified on the New Mexico Mining and Minerals Division's GIS, Maps and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- The Site is not located within an unstable area.
- Based on available Federal Emergency Management Agency data, the Site is located adjacent to, but not within, a 100-year floodplain.

Based on the identified siting criteria, cleanup goals for soils remaining in place at the Site include: 10 milligrams per kilogram (mg/kg) for benzene, 50 mg/kg for total benzene, toluene, ethylbenzene, and total xylenes (BTEX), 100 mg/kg for combined total petroleum hydrocarbon (TPH) gasoline range organics (GRO) diesel range organics (DRO) and motor oil/lube oil range organics (MRO) and 600 mg/kg for chlorides.

In addition, cleanup/delineation goals for groundwater located at the Site include: 10 micrograms per liter (μ g/L) for benzene, 750 μ g/L for toluene, 750 μ g/L for ethylbenzene, and 620 μ g/L for total xylenes.



May 22, 2019 Page 5

4 SUMMARY OF SITE ASSESSMENT ACTIVITIES

On September 22, 2011, a pipeline release of an unknown volume of natural gas and associated liquids was discovered at the Site and the pipeline was subsequently repaired. AES collected one (1) soil sample from the floor of the repair excavation. Based on field screening results, the soil sample exhibited elevated levels of volatile organic compounds (VOCs). A site assessment was conducted by AES on October 11, 2011, which included the collection of soil samples from four (4) test holes (TP-1 through TP-4) which were advanced near the release area, as well as groundwater samples from two (2) of the four (4) test holes. Based on laboratory analytical results, BTEX and TPH were identified in soils from two (2) of the test holes (TP-1 and TP-2) at concentrations above the New Mexico EMNRD OCD *RALs*. The test hole water samples collected from TP-2 and TP-4 exhibited concentrations of benzene, toluene, and total xylenes above WQCC *GQSs*. Additional detail regarding the initial site assessment activities are provided in the *Release Assessment Report*, dated October 28, 2011- AES.

During November 2011, AES advanced eight (8) soil borings (SB-1 through SB-8) at the Site to further delineate the extent of hydrocarbon affected soil and potentially impacted groundwater. Laboratory analytical results for the soil and groundwater samples collected from the soil borings identified COC concentrations in soil above the New Mexico EMNRD OCD *RALs* (SB-2, SB-7, and SB-8) and in groundwater above the WQCC *GQSs* (SB-2W, SB-3W, and SB-7W) (Site Investigation Report, dated February 20, 2012 – AES).

During September 2012, nine (9) additional soil borings were advanced at the Site by AES to further evaluate the extent of dissolved phase COCs in groundwater. Subsequent to advancement, the soil borings were completed as groundwater monitoring wells (MW-1 through MW-9). Laboratory analytical results did not indicate COCs in soil above the New Mexico EMNRD OCD *RALs* at these soil boring/monitoring well locations. However, COCs were confirmed in groundwater above the WQCC *GQSs* (*Groundwater Investigation Report, dated October 31, 2012 – AES*).

On October 16, 2013, AES advanced four (4) additional soil borings/monitoring wells (MW-10 through MW-13) in and around the release area to further evaluate the extent of COCs in groundwater. Laboratory analytical results indicated COC concentrations in soil and groundwater from soil boring/monitoring well MW-10 were present at levels above the New Mexico EMNRD OCD *RALs* and the WQCC *GQSs* (3rd Quarter 2013 Groundwater Monitoring and Well Installation Report, dated December 10, 2013 – AES).

On October 28, 2013, an additional leak was discovered in the immediate vicinity of the original release and the pipeline was subsequently repaired and placed back in service. AES collected 20 discrete soils samples from the final pipeline repair excavation and the resulting analytical data identified COC concentrations above the New Mexico EMNRD OCD *RALs*. In addition, aquifer pumping tests were conducted in four (4) wells by AES to estimate hydraulic conductivity (4th Quarter 2013 Groundwater Monitoring and Continued Investigation Report, dated July 23, 2014 – AES).

During September 2016, Apex TITAN, Inc (Apex) performed site investigation activities to further evaluate and delineate the concentrations of COCs in soil and groundwater at the Site. Five (5) soil borings were advanced and three (3) of the soil borings were completed as groundwater monitoring wells MW-14, MW-15, and MW-17. Laboratory analytical results indicated COC concentrations in soil (MW-15 and MW-17) and groundwater (MW-17) were above the New



May 22, 2019 Page 6

Mexico EMNRD OCD RALs and the WQCC GQSs (Supplemental Environmental Site Investigation (September 2016) and Annual Groundwater Monitoring Report (June and December 2016), dated February 13, 2017 – Apex).

Soil laboratory results, including data from previous site investigations, are provided in **Table 1** (**Appendix B**). Groundwater analytical results are summarized in **Table 2** (**Appendix B**). Groundwater measurements (including historical data) are presented with top of casing (TOC) elevations in **Table 3** (**Appendix B**). Benzene, BTEX, and TPH RAL Exceedance Zone soil maps for vadose and capillary fringe zones are provided as **Figure 4A** through **Figure 4F** (**Appendix A**) and included the estimated area of soil impact based on available and current historical data. Groundwater gradient maps and groundwater quality standards exceedance zone maps that include the June and December 2018 exceedances are provided as **Figure 4A**, **Figure 4B**, **Figure 5A** and **Figure 5B** (**Appendix A**). Available soil boring logs are provided in **Appendix C**. Please note that the historic soil analytical data tables reference the Remediation Action Levels provided in the now obsolete New Mexico ENMRD OCD *Guidelines for Remediation of Leaks, Spills and Releases*.

5 PROPOSED MONITORING ACTIVITIES

5.1 Health and Safety Plan

Ensolum will develop a site-specific Health and Safety Plan (HSP) for the performance of the proposed scope of services described in this work plan. For the purposes of this HSP, it is assumed that the COCs include petroleum hydrocarbons constituents. For the purposes of this proposed plan, it is assumed that the scope of services can be conducted under modified Level D personal protective equipment (PPE), which will include a hard hat, steel-toed boots, protective eyewear, and gloves. Should the need arise to upgrade PPE (e.g. respiratory protection), the client will be notified, and the HSP will be modified accordingly. Although it is not anticipated at this time, it should be noted that a PPE upgrade will constitute a change in scope of work, requiring a change order.

5.2 Groundwater Sampling Program

Ensolum will collect one (1) groundwater sample from each of the 15 monitor wells on a semiannual schedule through 2019. The purpose of the groundwater monitoring program is to evaluate and document dissolved-phase COC concentrations at the Site.

Prior to sampling, fluid levels in each of the monitoring wells will be gauged utilizing an interface probe capable of detecting non-aqueous phase liquid (NAPL).

Groundwater samples will be collected utilizing low-flow sampling or bailer-purge sampling methods.

Low-flow refers to the velocity with which groundwater enters the pump intake and that is imparted to the formation pore water in the immediate vicinity of the well screen. Water level drawdown provides the best indication of the stress imparted by a given flow-rate for a given hydrological situation. The objective is to pump in a manner that minimizes stress (drawdown) to the system, to the extent practical, taking into account established Site sampling objectives. Flow rates on the order of 0.1 to 0.5 liters per minute (L/min) are maintained during sampling activities, using



May 22, 2019

Page 7

dedicated or decontaminated sampling equipment. The pump intake is placed within the screened interval such that the groundwater recovered is drawn in directly from the formation with little mixing of casing water or disturbance to the sampling zone.

The groundwater samples will be collected from each monitoring well once produced groundwater is consistent in color, clarity, pH, temperature, and conductivity. Measurements are taken every three to five minutes while purging. Purging is considered complete once key parameters (especially pH and conductivity) have stabilized for three successive readings.

If a disposable bailer is utilized to sample the monitoring well, the monitoring well will be purged until effectively dry and once groundwater recovers to static or near static levels, a groundwater sample will be collected.

Samples will be collected in laboratory supplied containers, labels/sealed using the laboratory supplied custody seals, and placed on ice in a cooler. The samples will be relinquished to the courier for Hall Environmental Analysis Laboratory (HEAL) of Albuquerque, New Mexico under proper chain-of-custody procedures.

5.3 Groundwater Laboratory Analytical Program

The groundwater samples collected from the monitoring wells will be analyzed for BTEX utilizing EPA Method SW-846 8021/8260.

A summary of the analytes, sample type, estimated number of samples per event, and EPA-approved methods are presented below:

Analytes	Sample Type	No. of Samples	Method
BTEX	Water	15	SW-846 8021/8260

5.4 Aguifer Characterization

Ensolum will evaluate site specific groundwater characteristics in the initial groundwater bearing unit. Ensolum's groundwater characterization program will be developed based on Ensolum's understanding of the geologic and hydrogeologic conditions present at the Site and will be conducted utilizing a bail-down method with recharge observations. In this method, the well is pumped/bailed as near as practicable to the base of the well screen and recovery is measured utilizing a pressure transducer capable of recording measurements for use by modeling software. The test is deemed complete when groundwater is fully recharged or when the test duration reaches 4 hours, whichever occurs first.

5.5 Stage 2 Abatement Plan Proposal

Based on the data generated from the groundwater sampling and aquifer testing, Ensolum will prepare a Stage 2 Abatement Plan Proposal. The plan will include an evaluation of the cumulative laboratory analytical data develop and justify a preferred abatement option for the Site. In addition, the Stage 2 Abatement Plan Proposal will include a modification to the groundwater monitoring program, Site maintenance activities, a proposed schedule for duration of abatement activities



May 22, 2019 Page 8

and public notification proposal designed to satisfy the requirement of Subsections A through C of 19.15.30.15 NMAC.

5.6 Quality Assurance

Sampling and analytical techniques have been identified in the text above and conforms with the references identified in Subsection B of 20.6.2.3107 NMAC and with 20.6.4.14 NMAC of the water quality standards for interstate and intrastate surface waters in New Mexico.

6 PROPOSED SCHEDULE

Based on the available data, soil and groundwater impact at the Site appears to be delineated.

Public Notice

Enterprise will provide Public Notice within 15 days of notice from NMOCD that this Abatement Plan is administratively complete as required per NMAC 19.15.30.15. Enterprise will provide written notice of the Stage 1 Abatement Plan to the following parties:

- Surface owners of record within one (1) mile of the perimeter of the identified impacted area as currently delineated in the Stage 1 Abatement Plan. The list of Landowners is provided in **Table A** (**Appendix D**).
- The County Commission of San Juan County, New Mexico.
- The Office of Natural Resources Trustee for the State of New Mexico.

Please note the release was not identified to be within one (1) mile of any city limits or tribal boundaries.

Enterprise understands that the NM EMNRD OCD may request additional notification to persons or entities that have requested such, as well as other local, state, or federal governmental agencies upon approval of the Stage 1 Abatement Plan.

Once approval is received, Enterprise will publish the NM EMNRD OCD approved notice in the Farmington Daily Times, a newspaper circulated in San Juan County, New Mexico, and in the Albuquerque Journal, a newspaper of general circulation across the state of New Mexico. The newspaper publications will run for a cycle of one (1) business day.

Enterprise will issue the public notice via the newspapers and certified mailings within 15 days after the NM EMNRD OCD has provided determination that the Stage 1 Abatement Plan is administratively complete. Proposed verbiage for the public notice and a list of landowners within a one-mile radius are provided in **Appendix D**.

If no public comments are received within 30 days of posting public notice, Ensolum will proceed with permitting and scheduling supplemental site investigation activities.

Field Activities

Enterprise proposes to continue semi-annual groundwater monitoring activities at the Site until the additional aquifer testing activities are evaluated and the Stage 2 Abatement Plan Proposal



Mr. Gregory E. Miller, Enterprise Field Services, LLC Revised Stage 1 Abatement Plan – Trunk 6C Kutz Wash Pipeline Release May 22, 2019 Page 9

has been approved and implemented. The additional aquifer testing activities are proposed to be completed before the end of June 2019. Prior to any field work, Ensolum and/or Enterprise will provide the NM EMNRD OCD with 48-hour notification.

Quarterly Progress Reports

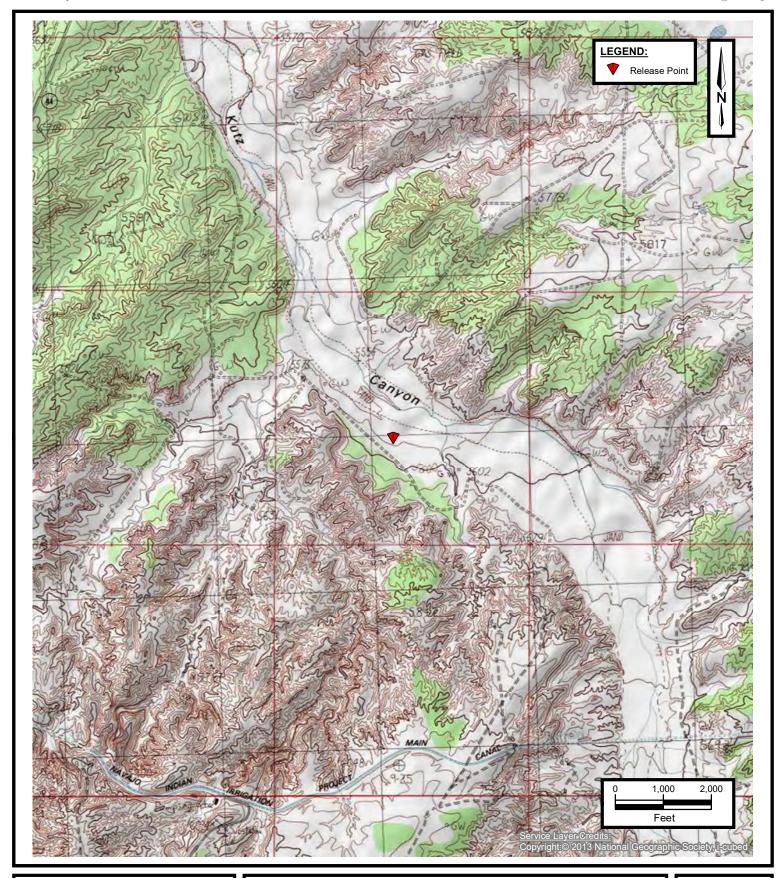
In accordance with NMAC 19.15.30.13 C. (5), Enterprise will provide the New Mexico ENMRD OCD with summary quarterly progress reports of the Stage 1 Abatement Plan implementation beginning 30 days after the approval and initiation of the Stage 1 activities. At this time the summary quarterly progress reports are anticipated to begin in July 2019.





APPENDIX A

Figures





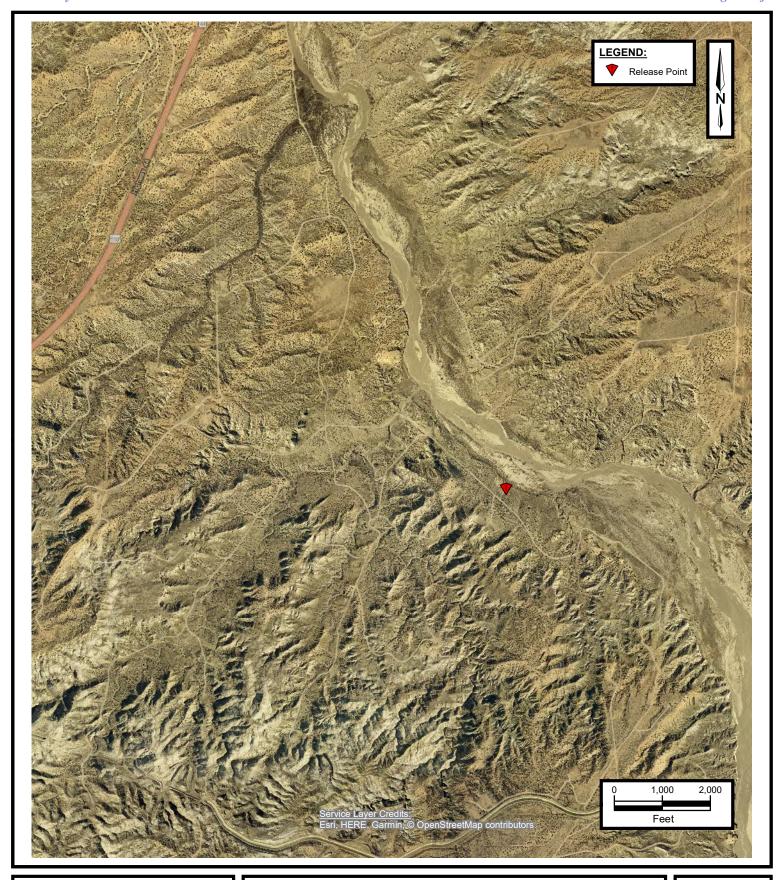
TOPOGRAPHIC MAP

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

1





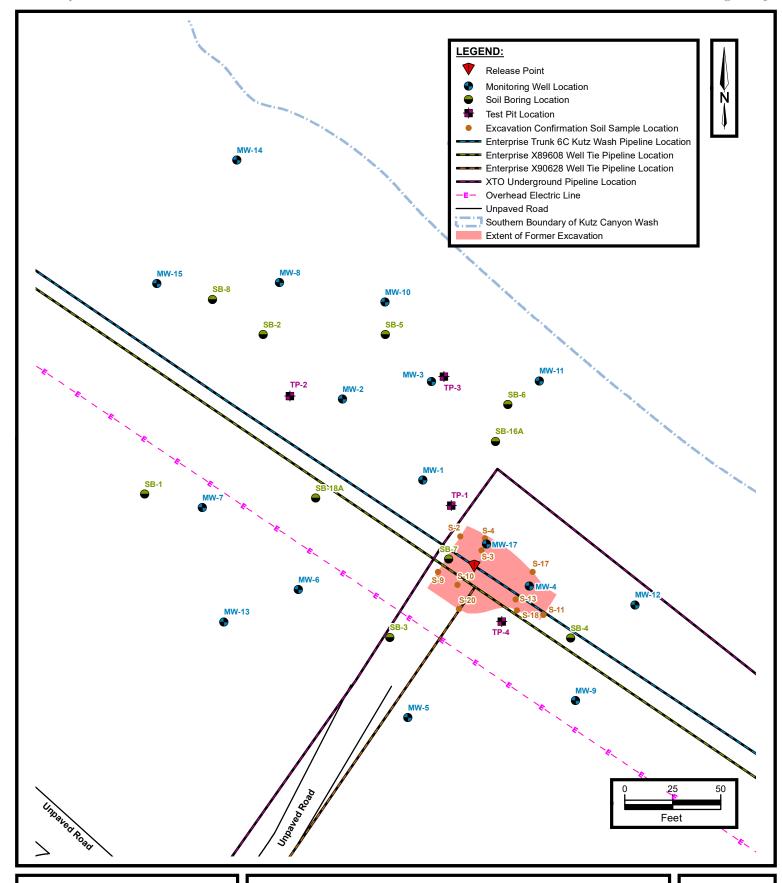
SITE VICINITY MAP

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

2





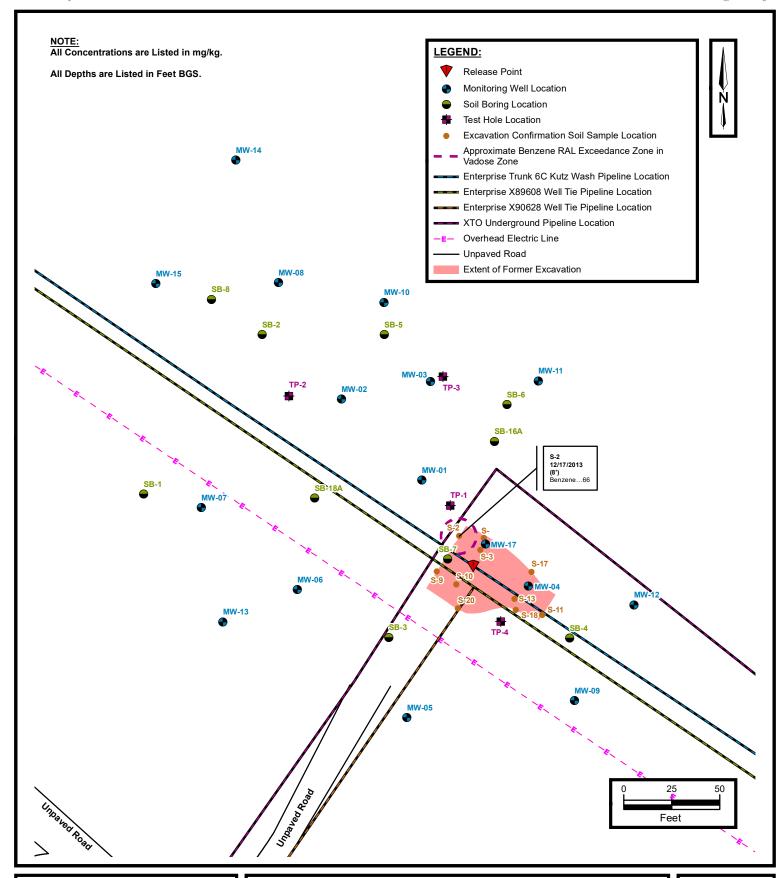
SITE MAP

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

3





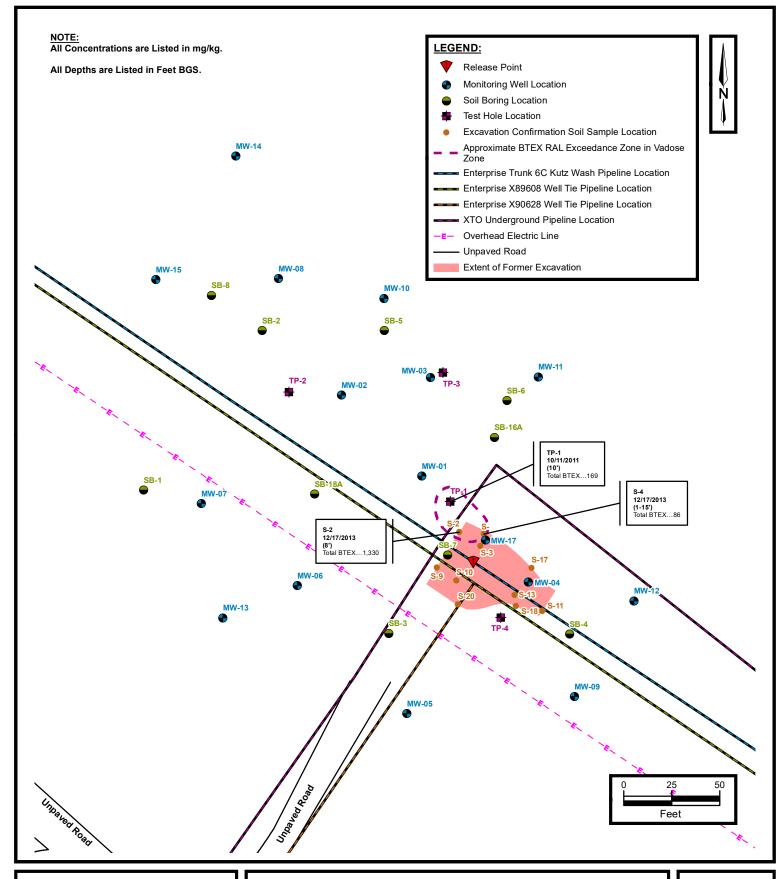
BENZENE RAL EXCEEDANCE ZONE MAP VADOSE ZONE 0 TO 10 FEET BGS

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

4A





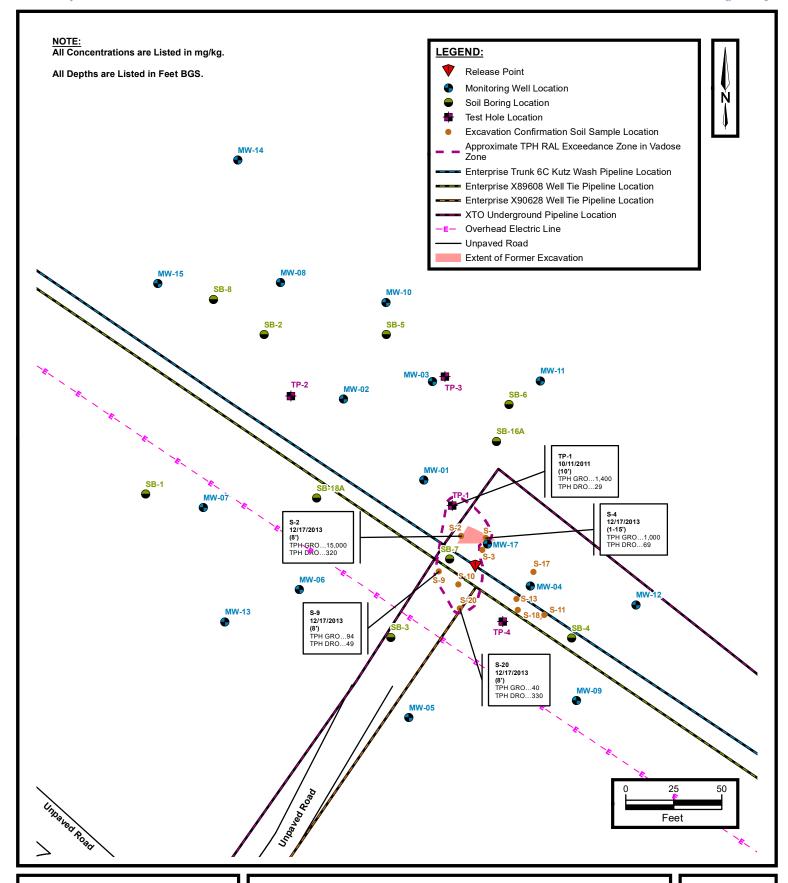
BTEX RAL EXCEEDANCE ZONE MAP VADOSE ZONE 0 TO 10 FEET BGS

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

4B





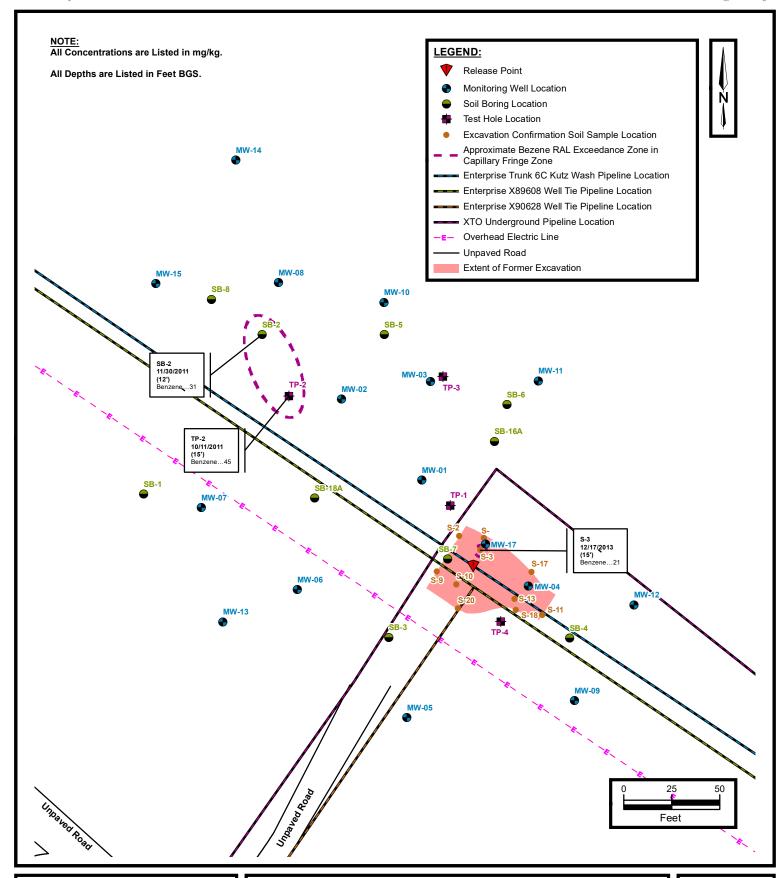
TPH RAL EXCEEDANCE ZONE MAP VADOSE ZONE 0 TO 10 FEET BGS

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

4C





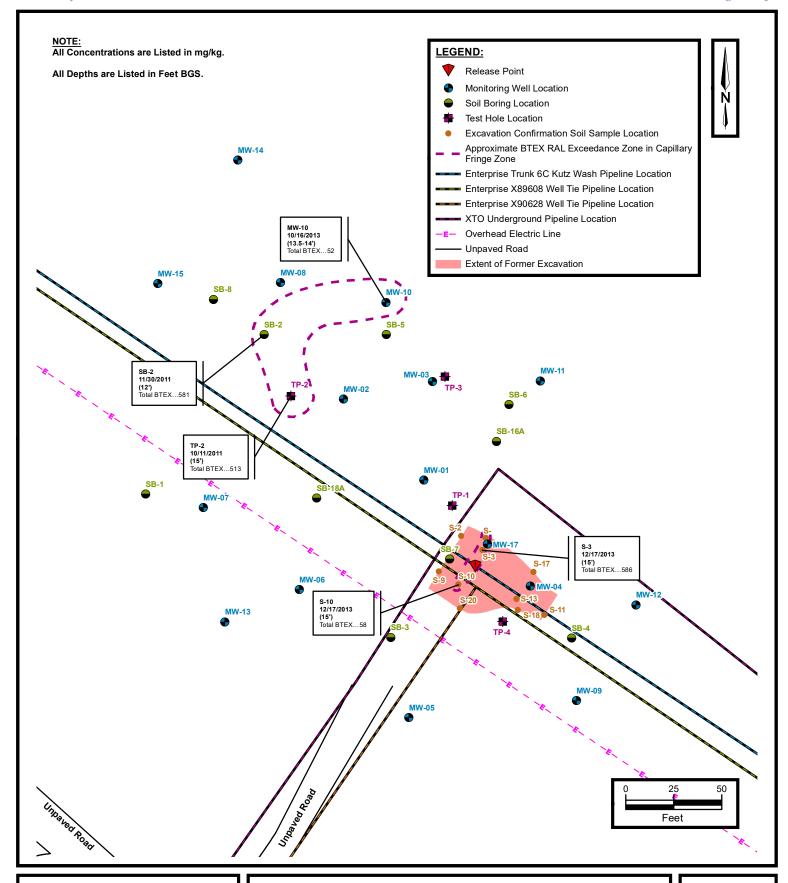
BENZENE RAL EXCEEDANCE ZONE MAP CAPILLARY FRINGE ZONE

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

4D





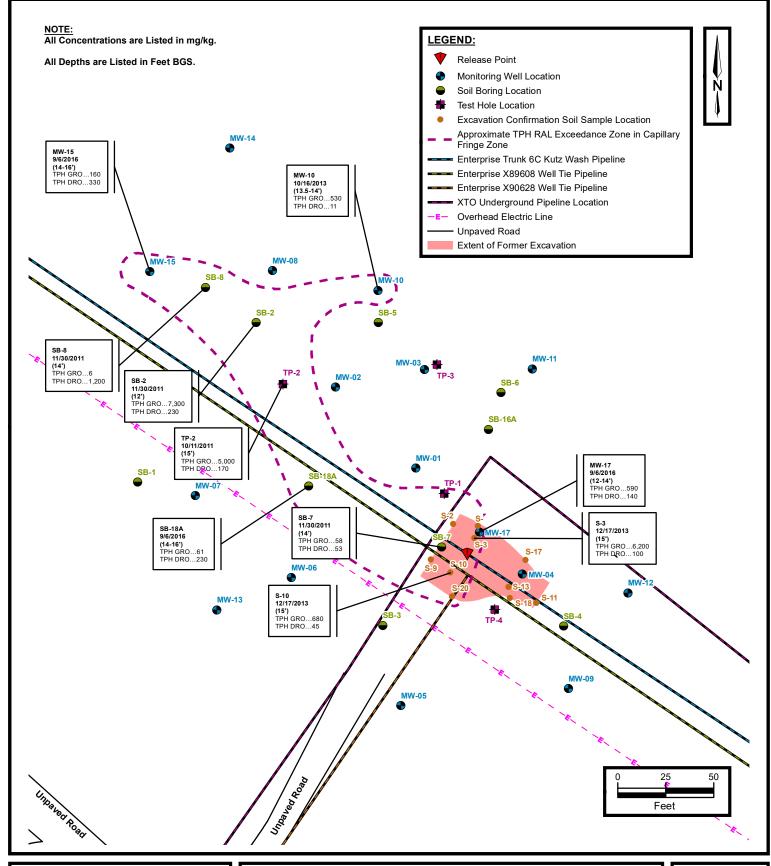
BTEX RAL EXCEEDANCE ZONE MAP CAPILLARY FRINGE ZONE

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PROJECT NUMBER: 05A1226011

FIGURE

4E





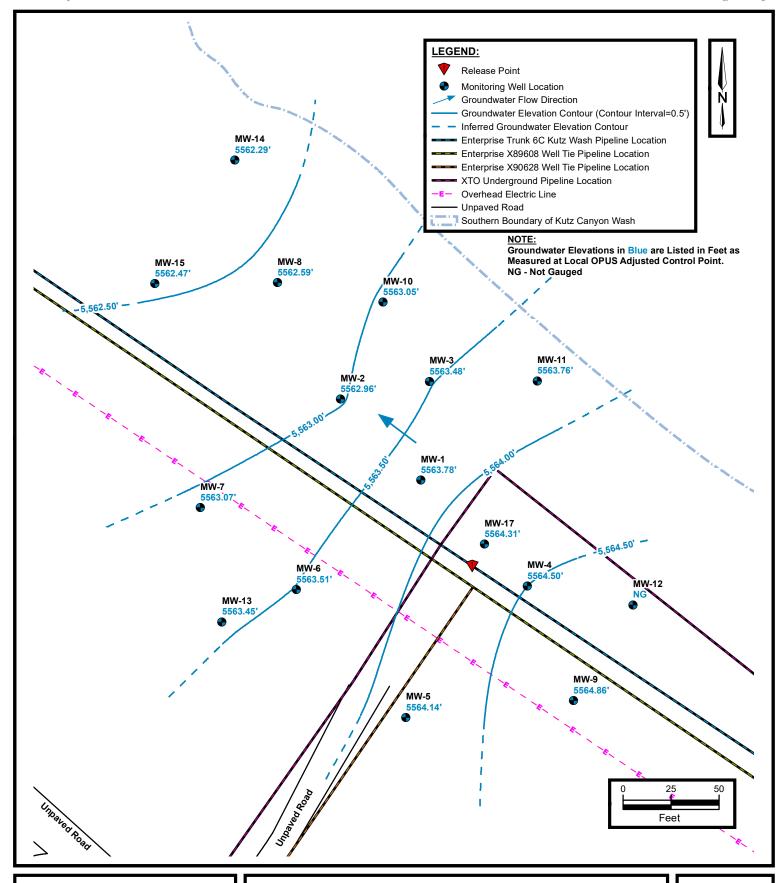
TPH RAL EXCEEDANCE ZONE MAP CAPILLARY FRINGE ZONE

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

4F





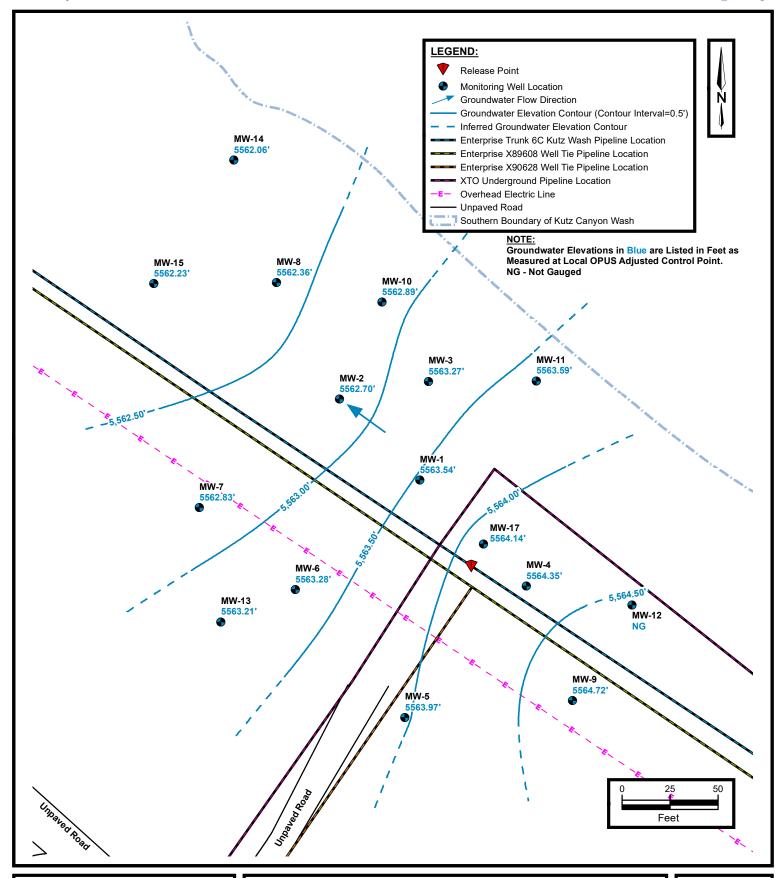
GROUNDWATER GRADIENT MAP (JUNE 2018)

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW 1/4, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

5A





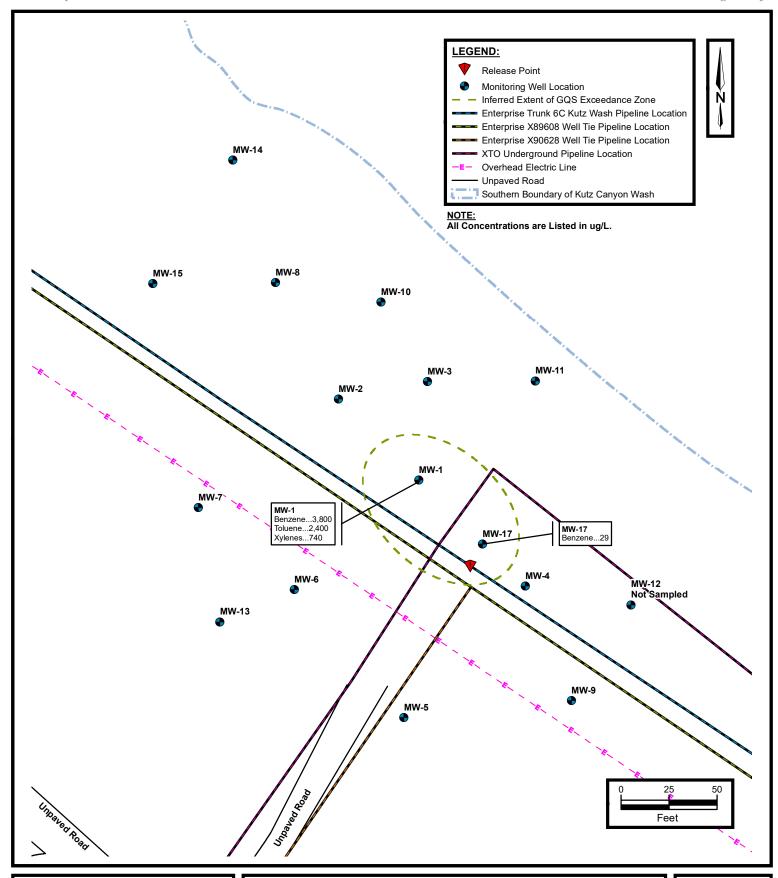
GROUNDWATER GRADIENT MAP (DECEMBER 2018)

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE

5B



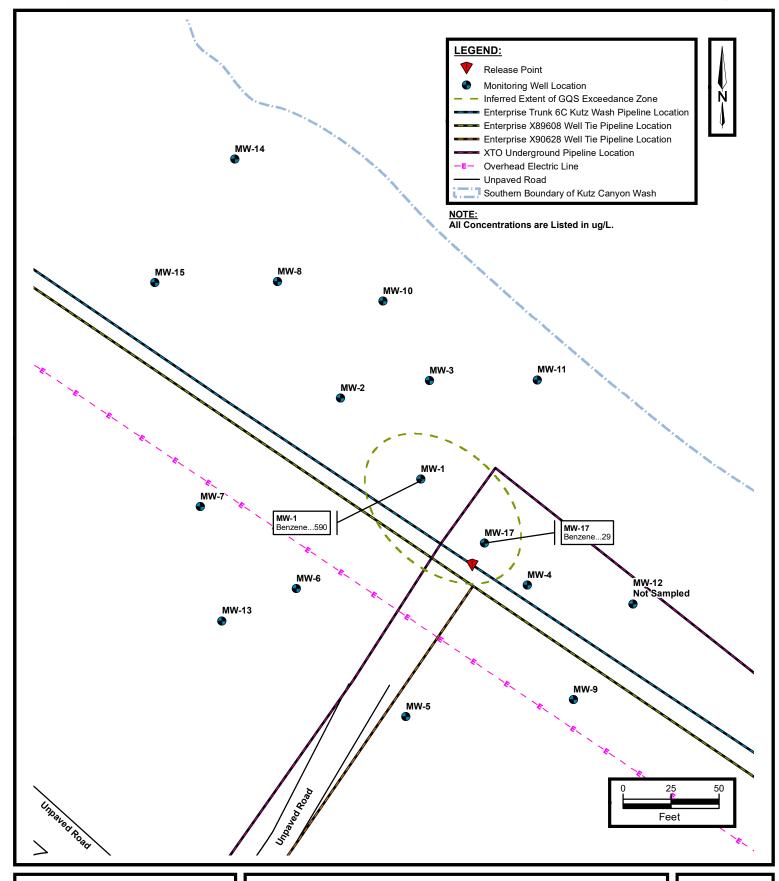


GROUNDWATER QUALITY STANDARD (GQS) EXCEEDANCE ZONE MAP (JUNE 2018)

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE **5C**





GROUNDWATER QUALITY STANDARD (GQS) EXCEEDANCE ZONE MAP (DECEMBER 2018)

ENTERPRISE FIELD SERVICES, LLC TRUNK 6C KUTZ WASH PIPELINE RELEASE SW ¼, S26 T28N R11W, San Juan County, New Mexico 36.63202° N, 107.97400° W

PROJECT NUMBER: 05A1226011

FIGURE 5D

Released to Imaging: 1/25/2024 11:44:19 AM



APPENDIX B

Tables



TABLE 1 Trunk 6C Kutz Wash Pipeline Release SOIL ANALYTICAL SUMMARY

New Mexico Energy, Mineral & Natural Resources 10 Ne	Sample I.D.	Date	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH	TPH
New Nexico Energy, Mineral & Natural Resources 10			(teet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
Post Post									(ilig/kg)	(IIIg/kg)
TP-1	Department, Oil Conservation Division,		10	NE	NE	NE	50	10	00	
TP-2				Test Hole Exca	vation and Soil Bo	oring Soil Samples	Collected by AES			
TP-2	TP-1	10.11.11	10	6.2	84	7.8	71	169	1,400	29
TP-3	TP-2	10.11.11	12	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<9.8
TP-4	TP-2	10.11.11	15	45	200	8.3	260	513	5,000	170
TP-4						<0.048	<0.095	ND	<4.8	<10
SB-1		10.11.11		<0.050		<0.050		ND		
SB-2										
SB-3										
SB-4										
SB-5			•							
SB-6										-
SB-7										
SB-8										
S-2			•							
S-2 12.17.13 8 66 710 54 500 1,330 15,000 320 S-3 12.17.13 15 21 270 25 270 586 6,200 100 S-4 12.17.13 1 to 15 <0.49	SB-8	11.30.11	14					ND	6	1,200
S-3 12.17.13 15 21 270 25 270 586 6,200 100 S-4 12.17.13 1 to 15 < 0.49 21 6.0 59 88 1,000 69 S-9 12.17.13 8 < 0.12 1.4 0.45 4.8 6.7 94 49 S-10 12.17.13 15 0.63 19 3.5 35 58 680 45 S-11 12.17.13 4 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.049 < 0.097 ND < 4.9 < 10 S-13 12.17.13 1 to 15 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.048 < 0.049 < 0.097 ND < 4.8	S-2	12 17 13	8					1 330	15 000	320
S-4 12.17.13 1 to 15 < 0.49 21 6.0 59 86 1,000 69 S-9 12.17.13 8 < 0.12										
S-9										
S-10 12.17.13 15 0.63 19 3.5 35 58 680 45 S-11 12.17.13 4 <0,049										
S-11										
S-13 12.17.13 15 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.048 <0.095 ND <4.8 <10 S-18 12.17.13 1 to 15 <0.048			•							
S-17										
S-18 12.17.13 1 to 15 < 0.048 < 0.048 < 0.048 0.16 0.16 < 4.8 < 10 S-20 12.17.13 8 < 0.12 0.31 0.28 3.2 3.8 40 330 Soll Borings Advanced by AES MW-1 8.20.12 5 to 7 < 0.049 < 0.049 < 0.097 ND < 4.9 < 9.9 MW-2 8.20.12 10 to 12 < 0.048										
S-20			•							
MW-1									40	330
MW-1 8.20.12 10 to 12 <0.048 <0.048 <0.097 ND <4.8 <9.9 MW-2 8.20.12 5 to 7 <0.048					Soil Borings A					
MW-2 8.20.12 10 to 12 <0.048 <0.048 <0.048 <0.097 ND <4.8 <9.9 MW-2 8.20.12 5 to 7 <0.048	NAVA / 4	8.20.12	5 to 7	<0.049	<0.049	< 0.049	<0.097	ND	<4.9	<9.9
MW-2 8.20.12 10 to 12 <0.049 <0.049 <0.097 ND <4.9 <10 MW-3 8.21.12 0 to 2 <0.050	IVIVV - I	8.20.12	10 to 12	<0.048	<0.048	<0.048	<0.097	ND	<4.8	<9.9
MW-3 R.20.12 10 to 12 <0.049 <0.049 <0.049 <0.097 ND <4.9 <10	MM 2	8.20.12	5 to 7	<0.048	<0.048	<0.048	<0.097	ND	<4.8	<9.8
MW-3 8.21.12 10 to 12 <0.050 <0.050 <0.099 ND <5.0 <9.8 MW-4 8.21.12 5 to 7 <0.050	10100-2	8.20.12	10 to 12	<0.049	<0.049	< 0.049	<0.097	ND	<4.9	<10
MW-4 8.21.12 10 to 12 <0.050 <0.050 <0.050 <0.099 ND <5.0 <9.8 MW-4 8.21.12 5 to 7 <0.050	M\\\/_3	8.21.12	0 to 2	<0.050	<0.050	<0.050	<0.10	ND	<5.0	<10
MW-4 8.21.12 10 to 12 <0.047 <0.047 <0.094 ND <4.7 <9.8 MW-5 8.23.12 5 to 7 <0.048	10100	8.21.12	10 to 12	<0.050	<0.050	< 0.050	<0.099	ND	<5.0	<9.8
MW-5 8.23.12 5 to 7 <0.048 <0.048 <0.048 <0.096 ND <4.7 <9.8 MW-6 8.23.12 10 to 12 <0.050	MW-4		5 to 7							
MW-5 8.23.12 10 to 12 <0.050 <0.050 <0.050 <0.10 ND <5.0 <9.9 MW-6 8.23.12 5 to 7 <0.050										
MW-6 8.23.12 10 to 12 < 0.050 < 0.050 < 0.050 < 0.10 ND < 5.0 < 9.9 MW-6 8.23.12 5 to 7 < 0.050	MW-5									
MW-6 8.23.12 10 to 12 <0.048 <0.048 <0.048 <0.096 ND <4.8 <9.9 MW-7 8.23.12 5 to 7 <0.048			•							
MW-7 8.23.12 10 to 12 < 0.048 < 0.048 < 0.048 < 0.096 ND < 4.8 < 9.9 MW-7 8.23.12 5 to 7 < 0.048	MW-6		1 1							
MW-7 8.23.12 10 to 12 <0.047 <0.047 <0.094 ND <4.7 <9.8 MW-8 8.21.12 5 to 7 <0.046	<u> </u>									
MW-8 8.21.12 5 to 7 <0.046 <0.046 <0.046 <0.093 ND <4.6 <9.6 8.21.12 10 to 12 <0.047	MW-7									
MW-8 8.21.12 10 to 12 <0.047 <0.047 <0.095 ND <4.7 <10 MW-9 8.23.12 5 to 7 <0.048										
MW-9 8.23.12 5 to 7 <0.048 <0.048 <0.048 <0.096 ND <4.8 <9.6 8.23.12 10 to 12 <0.047	MW-8									
MW-10 10.16.13 13.5 to 14 1.7 20 2.5 28 52 530 11 MW-11 10.16.13 13.5 to 14 <0.047										
MW-10 10.16.13 13.5 to 14 1.7 20 2.5 28 52 530 11 MW-11 10.16.13 13.5 to 14 <0.047	MW-9									
MW-11 10.16.13 13.5 to 14 <0.047 <0.047 <0.047 <0.095 ND <4.7 <10 MW-12 10.16.13 13.5 to 14 <0.046	MW/-10		•							
MW-12 10.16.13 13.5 to 14 <0.046 <0.046 <0.046 <0.093 ND <4.6 <10			•							
			•							
			•							



TABLE 1 Trunk 6C Kutz Wash Pipeline Release SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department, Oil Conservation Division, Remediation Action Level		10	NE	NE	NE	50	10	00	
				Soil Borings A	dvanced by Apex				
MW-14	9.6.16	12 to 16	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<9.8
MW-15	9.6.16	14 to 16	0.070	<0.046	<0.046	0.78	0.85	160	330
SB-16A	9.6.16	12 to 14	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<9.5
MW-17	9.6.16	7 to 12	<0.024	<0.047	<0.047	0.16	0.16	17	15
MW-17	9.6.16	12 to 14	3.8	12	2.1	17	35	590	140
SB-18A	9.6.16	14 to 16	<0.12	< 0.24	< 0.24	0.80	0.80	61	230

Note: Concentrations in **bold** and yellow exceed the applicable OCD Remediation Action Level

mg/kg = milligrams per kilograms

ND = Not Detected above the Laboratory Reporting Limits

NE = Not established

BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes

TPH = Total Petroleum Hydrocarbon

GRO = Gasoline Range Organics

DRO = Diesel Range Organics



Sample I.D.	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes
		(μ g/L)	(µg/L)	(μg/L)	(μg/L)
		(F-9· -)	(F-3· -/	(1-9)	(F3: -)
-	trol Commmission Groundwater Standards	10	750	750	620
Quanty	Standards		11. 450		
	0.7.40	Monitoring Wells Installe		00	050
	9.7.12 12.20.12	2,200	350 250	68 37	650
	3.20.13	1,100 NAPL	NAPL	NAPL	180 NAPL
	6.19.13	NAPL	NAPL	NAPL	NAPL
	9.17.13	NAPL	NAPL	NAPL	NAPL
	12.16.13	NAPL	NAPL	NAPL	NAPL
	3.14.15	NAPL	NAPL	NAPL	NAPL
	9.9.15	1,900	440	54	400
MW-1	6.15.15	6,900	2,700	170	1,400
	12.7.15	3,900	1,400	120	870
	6.02.16	1,400	850	41	330
	12.20.16	76	59	2.5	23
	6.28.17	3,500	4,200	180	1,800
	1.10.18	1,300	710	59	350
	6.22.18	3,800	2,400	140	740
	12.14.18	590	400	33	99
	9.7.12	270	1,100	66	1,800
	12.20.12	26	49	5.1	250
	3.20.13	<5.0	<5.0	<5.0	67
	6.19.13	NAPL	NAPL	NAPL	NAPL
	9.17.13	NAPL	NAPL	NAPL	NAPL
	12.16.13	NAPL	NAPL	NAPL	NAPL
	3.14.14	1,200	1,600	74	660
NAVA / O	9.9.14	78	76	2.9	110
MW-2	6.15.15	<1.0	1.1	<1.0	44
	12.7.15	<1.0	<1.0	<1.0	13
	6.02.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	9.7.12	<2.0	<2.0	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	780	130	2.5	15
	9.18.13	150	28	<5.0	15
	12.16.13	660	340	16	130
	3.14.14	200	86	4.0	49
MW-3	9.9.14	2.5	1.7	<1.0	3.3
	6.12.15	1.3	<1.0	<1.0	2.2
	12.7.15	<1.0	<1.0	<1.0	<2.0
	6.02.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.28.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0



Sample I.D.	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes
		(μg/L)	(μg/L)	(μg/L)	(μg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		10	750	750	620
	9.7.12	18	5.1	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.20.13	290	110	<2.0	15
	6.19.13	600	45	<10	<20
	9.18.13	830	39	<20	<30
	12.16.13	300	110	10	63
	3.14.14	4.0	<1.0	<1.0	<3.0
MW-4	9.9.14	<2.0	<2.0	<2.0	<4.0
IVIVV	6.11.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.02.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.28.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	9.7.12	<2.0	<2.0	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	<1.0	<1.0	<1.0	<2.0
	9.17.13	<1.0	<1.0	<1.0	<1.5
	12.16.13	2.1	4.7	4.0	17
	3.14.14	<1.0	<1.0	<1.0	<3.0
MW-5	9.9.14	<1.0	<1.0	<1.0	<2.0
	6.12.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.02.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	9.7.12	<5.0	<5.0	260	2,200
	12.20.12	<5.0	<5.0	180	1,200
	3.20.13	<5.0	<5.0	120	800
	6.19.13	9.6	6.2	150	1,100
	9.18.13	<5.0	<5.0	180	1,200
	12.16.13	<5.0 <1.0	<5.0	140	990
	3.14.14	<1.0	<1.0	150	990
MW-6	9.9.14	<5.0	<5.0	49 80	400
	6.12.15 12.4.15	<5.0	<5.0	89	590
	6.02.16	<2.5 <1.0	<5.0 <1.0	41 16	210 70
	12.19.16	<1.0	<1.0	26	80
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	3.6	12
	6.21.18	<1.0	<1.0	2.1	5.9
	12.13.18	<1.0	<1.0	2.7	9.8
	12.13.18	<1.U	\$1.0	۷.۱	9.8



Sample I.D.	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes
		(μg/L)	(μg/L)	(µg/L)	(μg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		10	750	750	620
	9.7.12	<2.0	<2.0	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	2.4
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	<1.0	<1.0	<1.0	<2.0
	9.17.13	<1.0	<1.0	<1.0	<1.5
	12.16.13	1.6	3.9	3.6	16
	3.14.14	<1.0	<1.0	<1.0	<3.0
MW-7	9.9.14	<1.0	<1.0	<1.0	<2.0
	6.12.15	<1.0	<1.0	<1.0	<2.0
	12.7.15	<1.0	<1.0	<1.0	<2.0
	6.02.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	9.7.12	41	40	3.8	320
	12.20.12	<2.0	<2.0	<2.0	20
	3.20.13	41	36	<2.0	89
	6.19.13	21	12	<1.0	6.8
	9.18.13	<1.0	<1.0	3.4	27
	12.16.13	18	21	5.1	74
	3.14.14	66	190	10	210
MW-8	9.9.14	NAPL**	NAPL**	NAPL**	NAPL**
	6.15.15	<1.0	<1.0	<1.0	10
	12.7.15	1.3	<1.0	<1.0	53
	6.02.16	4.0	1.6	<1.0	5.1
	12.19.16	<1.0	<1.0	<1.0	2.1
	6.27.17	<1.0	<1.0	<1.0 <1.0	<2.0
	1.09.18 6.21.18	<1.0 <1.0	<1.0 <1.0	<1.0	<2.0 <1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	9.7.12 12.20.12	<2.0 <2.0	2.4 <2.0	<2.0 <2.0	<4.0 <4.0
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	<1.0	<1.0	<1.0	<2.0
	9.17.13	<1.0	<1.0	<1.0	<1.5
	10 10 10	, _	<u> </u>		4.0
	12.16.13 3.14.14	1.5 <1.0	3.5 <1.0	2.9 <1.0	12 <3.0
	9.9.14	<2.0	<2.0	<2.0	<4.0
MW-9	6.11.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.02.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.09.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0



Sample I.D.	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	
		(μg/L)	(μg/L)	(µg/L)	(µg/L)	
New Mexico Water Quality Control Commmission Groundwater Quality Standards		10	750	750	620	
	12.16.13	950	34	12	39	
	3.14.14	560	4.0	16	27	
	9.9.14	580	<10	34	<20	
	6.15.15	75	<1.0	12	2.9	
	12.7.15	17	<1.0	2.0	<2.0	
MW-10	6.03.16	16	<1.0	<1.0	<2.0	
	12.20.16	4.8	<1.0	<1.0	<1.5	
	6.27.17	3.4	<1.0	<1.0	<2.0	
	1.10.18	<1.0	<1.0	<1.0	<2.0	
	6.22.18	5.0	<1.0	<1.0	2.7	
	12.14.18	<1.0	<1.0	<1.0	<2.0	
	12.16.13	2.6	3.5	<1.0	6	
	3.14.14	<1.0	<1.0	<1.0	<3.0	
	9.9.14	<2.0	<2.0	<2.0	<4.0	
	6.12.15	<1.0	<1.0	<1.0	<2.0	
	12.4.15	<1.0	<1.0	<1.0	<2.0	
MW-11	6.03.16	<1.0	<1.0	<1.0	<2.0	
	12.20.16	<1.0	<1.0	<1.0	<1.5	
	6.28.17	Insufficient volume of water to sample.				
	1.10.18	<1.0	<1.0	<1.0	<1.5	
	6.22.18	<1.0	<1.0	<1.0	<1.5	
	12.14.18	<1.0	<1.0	<1.0	<2.0	
	12.16.13	3.3	3.8	<1.0	6	
	3.14.14	<1.0	<1.0	<1.0	<3.0	
	9.9.14	<2.0	<2.0	<2.0	<4.0	
	6.12.15					
	12.4.15	Casing Obstruction Casing Obstruction				
MW-12	6.02.16	Casing Obstruction				
	12.20.16	Casing Obstruction				
	6.27.17	Casing Obstruction				
	1.10.18	Casing Obstruction				
	6.21.18		Casing Ob	struction		
	12.13.18		Casing Ob	struction		
	12.16.13	4.4	5.1	1.2	8	
	3.14.14	<1.0	<1.0	<1.0	<3.0	
	9.9.14	<2.0	<2.0	<2.0	<4.0	
	6.15.15	<1.0	<1.0	<1.0	<2.0	
	12.4.15	<1.0	<1.0	<1.0	<2.0	
MW-13	6.03.16	<1.0	<1.0	<1.0	<2.0	
	12.20.16	<1.0	<1.0	<1.0	<1.5	
	6.27.17	<1.0	<1.0	<1.0	<2.0	
	1.10.18	<1.0	<1.0	<1.0	<2.0	
	6.22.18	<1.0	<1.0	<1.0	<1.5	
	12.14.18	<1.0	<1.0	<1.0	<2.0	



Sample I.D.	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes
		(μg/L)	(μg/L)	(μg/L)	(μg/L)
	trol Commmission Groundwater Standards	10	750	750	620
		Monitoring Wells Installed	l by APEX		
	9.16.16	<1.0	<1.0	<1.0	<2.0
	12.20.16	<1.0	<1.0	<1.0	<1.5
MW-14	6.27.17	<1.0	<1.0	<1.0	<2.0
10100-14	1.10.18	<1.0	<1.0	<1.0	<2.0
	6.22.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	2.7	<1.0	<1.0	6.1
	9.16.16	3.6	<1.0	4.1	43
	12.20.16	<1.0	<1.0	6.2	87
MW-15	6.27.17	4.1	<1.0	4.6	89
10100-13	1.10.18	4.7	<1.0	2.8	33
	6.21.18	6.5	<1.0	2.6	13
	12.13.18	1.2	<1.0	<1.0	<2.0
	9.16.16	380	790	33	1,200
	12.20.16	200	100	11	310
MW-17	6.28.17	130	<5.0	<5.0	950
10100-17	1.10.18	5.2	2.2	1.2	13
	6.22.18	29	<1.0	2.4	<1.5
	12.14.18	29	<1.0	1.8	<2.0

Note: Concentrations in bold and yellow exceed the applicable WQCC GQS

μg/L = micrograms per liter

NAPL = Non-aqueous phase liquid

^{** -} Field personnel recorded the presence of NAPL utilizing an interface probe, but the product was not documented as visually verified.

<1.0 = the numeral (in this case "1.0") identifies the laboratory RL or PQL



TABLE 3 Trunk 6C Kutz Wash Pipeline Release GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to	Depth to Water	Product	TOC Elevations	Groundwater
		Product (feet BTOC)	(feet BTOC)	Thickness	(feet AMSL)	Elevation* (feet AMSL)
		(leet BTOC)	(leet BTOC)		(leet AlvioL)	(leet AlviSL)
	9.7.12	ND	15.78	ND		5563.95
	12.20.12	ND	15.69	ND]	5564.04
	3.20.13	15.31	15.73	0.42		5564.31
	6.19.13	15.49	15.75	0.26		5564.17
	9.17.13	15.79	16.27	0.48		5563.81
	12.16.13	15.59	15.75	0.16	5579.73	5564.10
	3.14.14	15.35	15.36	0.01		5564.38
MW-1*	9.9.14	15.98 15.29	15.99	0.01		5563.75
IVIVV - I	6.10.15 12.04.15	ND	15.30 15.81	0.01 ND		5564.44 5563.92
	6.02.16	ND	15.41	ND ND		5564.32
	9.16.16	16.12	16.13	0.01		5563.31
	12.19.16	ND	15.83	ND		5563.60
	6.27.17	ND	15.39	ND	1	5564.04
	1.09.18	ND	15.61	ND	5579.43	5563.82
	6.21.18	ND	15.65	ND	1	5563.78
	12.13.18	ND	15.89	ND	1	5563.54
	9.7.12	ND	16.29	ND		5563.10
	12.20.12	ND	16.22	ND	1	5563.17
	3.20.13	ND	15.97	ND		5563.42
	6.19.13	15.96	16.40	0.44		5563.31
	9.17.13	16.40	16.54	0.14		5562.95
	12.16.13	16.14	16.22	0.08	5579.39	5563.23
	3.14.14	ND	15.89	ND		5563.50
	9.9.14	ND	16.50	ND		5562.89
MW-2*	6.10.15	ND	15.81	ND		5563.58
	12.04.15	ND	16.32	ND		5563.07
	6.02.16	ND	15.93	ND		5563.46
	9.16.16 12.19.16	ND ND	16.61 16.35	ND ND		5562.54 5562.80
	6.27.17	ND	15.95	ND ND	•	5563.20
	1.09.18	ND	16.13	ND	5579.15	5563.02
	6.21.18	ND ND	16.19	ND ND	1	5562.96
	12.13.18	ND	16.45	ND ND	1	5562.70
	9.7.12	ND	15.98	ND		5563.54
	12.20.12	ND	15.79	ND	1	5563.73
	3.20.13	ND	15.50	ND	1	5564.02
	6.19.13	ND	15.66	ND	1	5563.86
	9.18.13	ND	15.96	ND	1	5563.56
	12.16.13	ND	15.70	ND	5579.52	5563.82
	3.14.14	ND	15.39	ND]	5564.13
	9.9.14	ND	16.10	ND]	5563.42
MW-3*	6.10.15	ND	15.28	ND		5564.24
	12.04.15	ND	15.87	ND		5563.65
	6.02.16	ND	15.47	ND		5564.05
	9.16.16	ND	16.24	ND		5563.00
	12.19.16	ND ND	15.87	ND ND		5563.37
	6.27.17	ND	15.45 15.65	ND	5579.24	5563.79
	1.09.18 6.21.18	ND ND	15.65 15.76	ND ND		5563.59 5563.48
	12.13.18	ND ND	15.76	ND ND		5563.48 5563.27
	12.13.10	טאו	10.81	טאו		JJUJ.Z1



Well I.D.	Date	Depth to	Depth to Water	Product	TOC Elevations	Groundwater
		Product	(foot PTOC)	Thickness	(foot AMSL)	Elevation*
		(feet BTOC)	(feet BTOC)		(feet AMSL)	(feet AMSL)
	9.7.12	ND	15.59	ND		5564.77
	12.20.12	ND	15.51	ND		5564.85
	3.20.13	ND	15.25	ND	J	5565.11
	6.19.13	ND	15.41	ND		5564.95
	9.18.13	ND	15.74	ND		5564.62
	12.16.13	ND	15.45	ND	5580.36	5564.91
	3.14.14	ND	15.14	ND		5565.22
MW-4*	9.9.14	ND	15.80	ND		5564.56
10100-4	6.10.15	ND ND	15.06 15.56	ND ND	•	5565.30
	12.04.15 6.02.16	ND	15.22	ND ND		5564.80 5565.14
	9.16.16	ND	15.92	ND		5564.03
	12.19.16	ND	15.55	ND ND	1	5564.40
	6.27.17	ND	15.22	ND	l l	5564.73
	1.09.18	ND	15.34	ND	5579.95	5564.61
	6.21.18	ND	15.45	ND	1	5564.50
	12.13.18	ND	15.60	ND		5564.35
	9.7.12	ND	19.35	ND		5564.18
	12.20.12	ND	19.28	ND		5564.25
	3.20.13	ND	19.10	ND		5564.43
	6.19.13	ND	19.21	ND]	5564.32
	9.17.13	ND	19.55	ND		5563.98
	12.16.13	ND	19.28	ND	5583.53	5564.25
	3.14.14	ND	19.03	ND		5564.50
	9.9.14	ND	19.58	ND		5563.95
MW-5*	6.10.15	ND	18.98	ND		5564.55
	12.04.15	ND	19.41	ND		5564.12
	6.02.16	ND ND	19.08 19.69	ND ND		5564.45 5563.72
	9.16.16 12.19.16	ND ND	19.69	ND ND	1	5563.99
	6.27.17	ND	19.42	ND ND	•	5564.29
	1.09.18	ND ND	19.12	ND ND	5583.41	5564.19
	6.21.18	ND	19.27	ND	1	5564.14
	12.13.18	ND	19.44	ND	1	5563.97
	9.7.12	ND	18.55	ND		5563.67
	12.20.12	ND	18.49	ND	1	5563.73
	3.20.13	ND	18.27	ND	1	5563.95
	6.19.13	ND	18.38	ND	1	5563.84
	9.18.13	ND	18.74	ND]	5563.48
	12.16.13	ND	18.46	ND	5582.22	5563.76
	3.14.14	ND	18.21	ND]	5564.01
	9.9.14	ND	18.75	ND]	5563.47
MW-6*	6.10.15	ND	18.16	ND]	5564.06
	12.04.15	ND	18.60	ND		5563.62
	6.02.16	ND	18.25	ND		5563.97
	9.16.16	ND	18.86	ND		5563.12
	12.19.16	ND	18.61	ND		5563.37
	6.27.17	ND	18.29	ND	5581.98	5563.69
	1.09.18 6.21.18	ND ND	18.43 18.47	ND ND		5563.55 5563.51
	12.13.18	ND ND	18.70	ND ND		5563.28
	12.13.10	טאו	10.70	טאו		JJUJ.Z0



Well I.D.	Date	Depth to	Depth to Water	Product	TOC Elevations	Groundwater
		Product (feet BTOC)	(feet BTOC)	Thickness	(feet AMSL)	Elevation* (feet AMSL)
	9.7.12	ND	19.03	ND		5563.21
	12.20.12	ND	18.97	ND		5563.27
	3.20.13	ND	18.79	ND		5563.45
	6.19.13	ND	18.87	ND		5563.37
	9.17.13	ND	19.22	ND		5563.02
	12.16.13	ND	18.46	ND	5582.24	5563.78
	3.14.14	ND	18.73	ND		5563.51
N 4\ A / -7+	9.9.14	ND	19.24	ND		5563.00
MW-7*	6.10.15	ND	18.65	ND		5563.59
	12.04.15 6.02.16	ND ND	19.10 18.76	ND ND		5563.14 5563.48
	9.16.16	ND ND	19.37	ND ND		5562.68
	12.19.16	ND ND	19.13	ND ND		5562.92
	6.27.17	ND	18.80	ND		5563.25
	1.09.18	ND	18.95	ND	5582.05	5563.10
	6.21.18	ND	18.98	ND		5563.07
	12.13.18	ND	19.22	ND		5562.83
	9.7.12	ND	14.96	ND		5562.85
	12.20.12	ND	14.87	ND		5562.94
	3.20.13	ND	14.63	ND		5563.18
	6.19.13	ND	14.74	ND		5563.07
	9.18.13	ND	15.08	ND		5562.73
	12.16.13	ND	14.81	ND	5577.81	5563.00
	3.14.14	ND	14.53	ND		5563.28
	9.9.14**	15.12**	15.25	0.13**		5562.65
MW-8*	6.10.15	ND	14.44	ND		5563.37
	12.04.15	ND	14.97	ND		5562.84
	6.02.16	ND	14.61	ND		5563.20
	9.16.16	ND	15.29	ND		5562.18
	12.19.16	ND	15.00	ND		5562.47
	6.27.17	ND ND	14.62	ND ND	5577.47	5562.85
	1.09.18 6.21.18	ND ND	14.80 14.88	ND ND		5562.67 5562.59
	12.13.18	ND ND	15.11	ND ND		5562.36
	9.7.12	ND	17.55	ND		5564.93
	12.20.12	ND ND	17.47	ND ND		5565.01
	3.20.13	ND	17.47	ND		5565.20
	6.19.13	ND	17.42	ND		5565.06
	9.17.13	ND	17.74	ND		5564.74
	12.16.13	ND	17.48	ND	5582.48	5565.00
	3.14.14	ND	17.21	ND		5565.27
	9.9.14	ND	17.83	ND		5564.65
MW-9*	6.10.15	ND	17.18	ND		5565.30
	12.04.15	ND	17.61	ND		5564.87
	6.02.16	ND	17.30	ND		5565.18
	9.16.16	ND	17.94	ND		5564.41
	12.19.16	ND	17.60	ND		5564.75
	6.27.17	ND	17.34	ND	5582.35	5565.01
	1.09.18	ND	17.40	ND	3332.00	5564.95
	6.21.18	ND	17.49	ND		5564.86
	12.13.18	ND	17.63	ND		5564.72



Well I.D.	Date	Depth to	Depth to Water	Product	TOC Elevations	
		Product	(foot PTOC)	Thickness	(foot AMCL)	Elevation*
		(feet BTOC)	(feet BTOC)		(feet AMSL)	(feet AMSL)
	12.16.13	ND	16.93	ND		5560.87
	3.14.14	ND	14.63	ND]	5563.17
	9.9.14	ND	15.34	ND	5577.80	5562.46
	6.10.15	ND	14.58	ND		5563.22
	12.04.15	ND	15.10	ND		5562.70
MW-10*	6.02.16	ND	14.74	ND		5563.06
	9.16.16	ND	15.49	ND		5562.61
	12.19.16	ND	15.12	ND		5562.98
	6.27.17	ND	14.73	ND	5578.10	5563.37
	1.09.18	ND	14.90	ND		5563.20
	6.21.18	ND ND	15.05	ND ND		5563.05
	12.13.18	ND	15.21	ND		5562.89
	12.16.13	ND ND	15.15	ND ND		5563.50
	3.14.14 9.9.14	ND ND	14.82 15.63	ND ND	1	5563.83 5563.02
	6.10.15	ND ND	14.76	ND ND	5578.65	5563.89
	12.04.15	ND	15.35	ND ND		5563.30
	6.02.16	ND	14.98	ND		5563.67
MW-11*	9.16.16	ND	15.74	ND ND		5563.30
	12.19.16	ND	15.35	ND	1	5563.69
	6.27.17	ND	15.00	ND	5579.04	5564.04
	1.09.18	ND	15.11	ND		5563.93
	6.21.18	ND	15.28	ND		5563.76
	12.13.18	ND	15.45	ND	1	5563.59
	12.16.13	ND	15.54	ND		5564.45
	3.14.14	ND	15.27	ND	1	5564.72
	9.9.14	ND	15.96	ND	5570 OO	5564.03
	6.10.15	ND	15.22	ND	5579.99	5564.77
	12.04.15	NG	NG	NG		NG
MW-12*	6.02.16	NG	NG	NG	1	NG
IVIVV - 1∠	9.16.16	NG	NG	NG		NG
	12.19.16	NG	NG	NG		NG
	6.27.17	NG	NG	NG	5580.28	NG
	1.09.18	NG	NG	NG	3300.20	NG
	6.21.18	NG	NG	NG		NG
	12.13.18		Plugged			NG
	12.16.13	ND	19.88	ND		5563.15
	3.14.14	ND	19.63	ND		5563.40
	9.9.14	ND	20.18	ND	5583.03	5562.85
	6.10.15	ND	19.57	ND		5563.46
	12.04.15	ND	20.01	ND	[5563.02
MW-13*	6.02.16	ND	19.67	ND		5563.36
	9.16.16	ND	20.27	ND		5563.07
	12.19.16	ND	20.03	ND		5563.31
	6.27.17	ND	19.74	ND	5583.34	5563.60
	1.09.18	ND ND	19.85	ND ND		5563.49
	6.21.18	ND ND	19.89	ND ND		5563.45
	12.13.18	ND	20.13	ND		5563.21



Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	TOC Elevations (feet AMSL)	Groundwater Elevation* (feet AMSL)
	9.16.16	ND	14.48	ND		5561.91
	12.19.16	ND	14.18	ND		5562.21
	6.27.17	ND	13.83	ND		5562.56
MW-14	1.09.18	ND	13.99	ND	5576.39	5562.40
	6.21.18	ND	14.10	ND		5562.29
	12.13.18	ND	14.33	ND		5562.06
	9.16.16	ND	16.75	ND		5562.08
	12.19.16	ND	16.48	ND		5562.35
MW-15	6.27.17	ND	16.12	ND	5578.83	5562.71
IVIVV-15	1.09.18	ND	16.30	ND	3370.03	5562.53
	6.21.18	ND	16.36	ND		5562.47
	12.13.18	ND	16.60	ND		5562.23
	9.16.16	ND	16.02	ND		5563.84
	12.19.16	ND	15.68	ND		5564.18
MW-17	6.27.17	ND	15.30	ND	5579.86	5564.56
1010 0 - 1 7	1.09.18	ND	15.45	ND	3319.00	5564.41
	6.21.18	ND	15.55	ND		5564.31
	12.13.18	ND	15.72	ND		5564.14

BTOC - below top of casing

AMSL - above mean sea level

TOC - top of casing

NG - Well not gauged, or Errant Gauge.

NA - not applicable

^{* -} Monitoring wells resurveyed during September 2016

^{** -} Field personnel recorded the presence of NAPL utilizing an interface probe, but the product was not visually verified.



APPENDIX C

Soil Boring/Monitoring Well Logs

A	ES		Anim Environi Services 624 East Coma Farmington, N	mental s, LLC. anche St.			SB-1			
EN	ITERPRISE	E PRODU	INE RELEAS ICTS COMPA , NEW MEXIO	ANY	Date Started Date Completed Hole Diameter Drilling Method Sampling Method	: 11/30/11 : 11/30/11 : 2.25 in. : Geoprobe : Continuous	Latitude Longitude Survey By Logged By	: -1 : Gl	6.632133° 07.974467° PS ami Ross	
Depth in Feet	Surf. Elev. 5588	nscs	GRAPHIC			DESCRIPTION		Blow Count	PID (ppm) 0,20,5	
-	- 5588 - 5586			SILTY S	AND, brown, fine to	medium grained, dry				
4-	- 5584	SP							0.0	
-	5582			SAND, b	orown, coarse, moist	(groundwater encoun	ntered at 15 feet)		0.0	
-0gs/SB-1.bor	5578									
teral 6C\Soil B	- 5576 - 5574	SP							0.0	
2012 Projects/Enterpris	- 5572			SAND, b	orown, coarse, wet					_▼
2-2012 S:\Animas 2000\ 	- 5570	SP								
20 20 -										

A	ES		Animas Environmental Services, LLC. 624 East Comanche S Farmington, NM 874	SB-2		
EN	ITERPRISE	E PRODU	INE RELEASE ICTS COMPANY , NEW MEXICO	Date Started : 11/30/11 Latitude Date Completed : 11/30/11 Longitude Hole Diameter : 2.25 in. Survey By Drilling Method : Geoprobe Logged By Sampling Method : Continuous	: 36.632267° : -107.974333° : GPS : Tami Ross	
Depth in Feet	Surf. Elev. 5586	nscs	GRAPHIC	DESCRIPTION	PID (ppm) 0,20,5	
2-	- 5584 - 5584 - 5582	SP	SANI	, brown, dry	812	
-	- 5580	SP	SANI	, brown, dry	3,009	
lerprise\Lateral 6C\Soil Boring Logs\SB-2.bor	5578	SP	SANI	, brown, coarse, dry	442	
000\2012 Projects\E	- 5574 - 5572	SP	SANI	gray, coarse, wet (groundwater encountered at 15 feet)		▼

	AE	ES		Anin Environ Services 624 East Com Farmington, N	mental s, LLC. anche St.			SB-3			
	EN.	TERPRISI	E PRODL	INE RELEAS JCTS COMP. , NEW MEXI	ANY	Date Started Date Completed Hole Diameter Drilling Method Sampling Method	: 11/30/11 : 11/30/11 : 2.25 in. : Geoprobe : Continuous	Latitude Longitude Survey By Logged By	: -1 : Gl	6.631867° 07.974133° PS ami Ross	
	Depth in Feet	Surf. Elev. 5589	nscs	GRAPHIC			DESCRIPTION		Blow Count	PID (ppm) 0,20,5	
	0-	- 5589			SAND, b	prown, coarse, dry]
	2	- 5587									
	4-	- 5585								1.5	
	6	- 5583	SP								
	8 - -	- 5581								1.1	
ogs\SB-3.bor	10	- 5579									
3oring Lo	12	- 5577			SAND h	orown, coarse, slightl	v moist			0.4	
02-22-2012 S:\Animas 2000\2012 Projects\Enterprise\Lateral 6C\Soil Boring Logs\SB-3.bor	14	- 5575	SP		0,1112, 0	wown, course, original	y motor				
rojects\Enterpr	16	- 5573								0.4	▼.
s 2000\2012 Pi	10 -	5515			SAND, g	gray, coarse, wet (gro	oundwater encountere	ed at 15 feet)		V. 4	
2012 S:\Anima	18	- 5571 - 5571	SP								
02-22-	20										

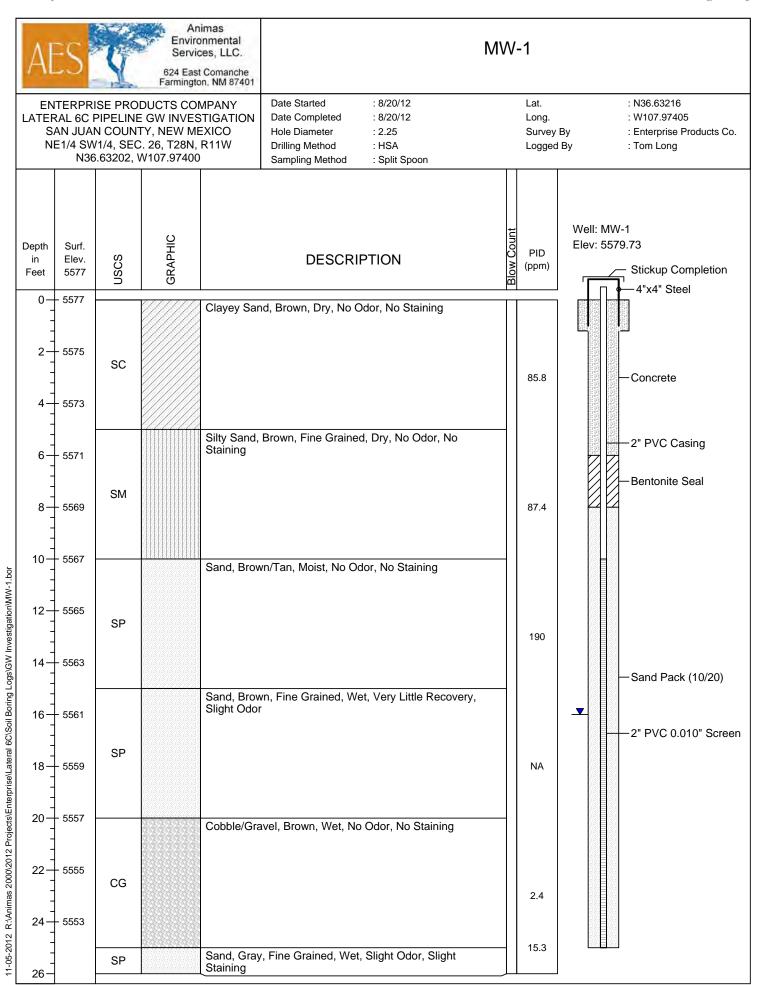
A	ES	4	Anima Environm Services, I 624 East Coman Farmington, NM	nental LLC.			SB-4			
E	NTERPRIS	E PRODU	INE RELEASE JCTS COMPAI , NEW MEXICO	NY	Date Started Date Completed Hole Diameter Drilling Method Sampling Method	: 11/30/11 : 11/30/11 : 2.25 in. : Geoprobe : Continuous	Latitude Longitude Survey By Logged By	: -1 : G	3.63185° 07.973783° PS ami Ross	
Depth in Feet	Elev.	nscs	GRAPHIC			DESCRIPTION		Blow Count	PID (ppm) 0,20,5	
0-	5588		S	SAND, bi	rown, dry					
2-	5586									
4-	5584	SP							30.2	
6-	5582									
8.	5580								2.5	
40	5578		S	SAND, bı	rown, coarse, moist				2.0	
02-22-2012 S:\Animas 2000\2012 Projects\Enterprise\Lateral 6C\Soil Boring Logs\SB4.bor	5576	SP							0.0	
erprise\Lateral 6C\So	5574									
Projects\Ente	5572			CAND a	rov como wat/ar		d at 40 feat)		0.5	
s 2000\2012				oainu, gi	ray, coarse, wet (gro	oundwater encountere	u at 16 leet)			
12 S:\Anima	5570	SP							_	7 _
20-22-20	=									

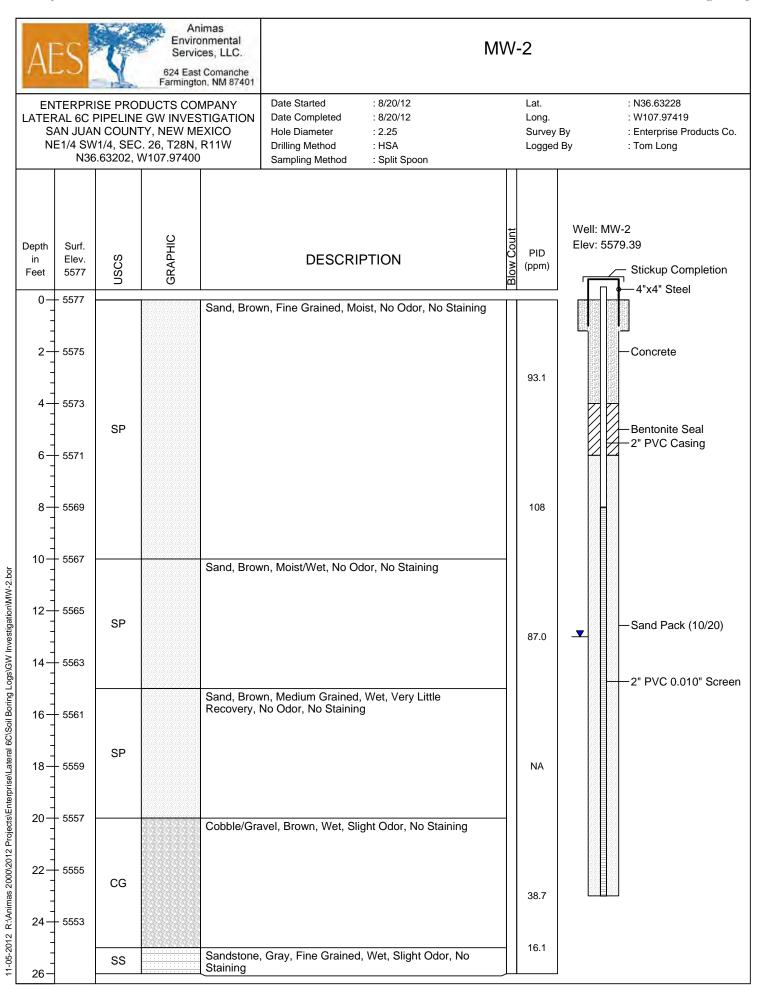
A	ES		Animas Environmental Services, LLC. 624 East Comanche St. Farmington, NM 87401	SB-5			
EN	ITERPRISE	E PRODU	INE RELEASE ICTS COMPANY , NEW MEXICO	Date Started : 11/30/11 Latitude Date Completed : 11/30/11 Longitude Hole Diameter : 2.25 in. Survey By Drilling Method : Geoprobe Logged By Sampling Method : Continuous	: -' : G	6.632317° 107.974117° SPS ami Ross	
Depth in Feet	Surf. Elev. 5585	nscs	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm) 0,20,5	
2 — — — — — — — — — — — — — — — — — — —	- 5585 - 5583 - 5581 - 5579	SP		brown, loose, dry		0.0	
terprise\Lateral 6C\Soil Boring Logs\SB-5.bor	- 5575	SP	SAND,	brown, loose, moist			
000\2012 Projects\E	- 5573 - 5571	SP	SAND,	grey, coarse, wet (groundwater encountered at 13 feet)		26.2	.

A	ES		Animas Environmental Services, LLC. 624 East Comanche St. Farmington, NM 87401		SB-6		
EN	ITERPRISE	E PRODU	INE RELEASE ICTS COMPANY , NEW MEXICO	Date Started : 11/30/11 Date Completed : 11/30/11 Hole Diameter : 2.25 in. Drilling Method : Geoprobe Sampling Method : Continuous	Latitude Longitude Survey By Logged By	: 36.632183° : -107.973883° : GPS : Tami Ross	
Depth in Feet	Surf. Elev. 5585	nscs	GRAPHIC	DESCRIPTION		Dom (ppm) 0,20,5	
2 —	- 5585 - 5583 - 5581 - 5579	SP		brown, loose, dry		0.0	
lerprise/Lateral 6C\Soil Boring Logs\SB-6.bo	- 5575	SP	SAND,	brown, coarse, moist			
000\2012 Projects\E	- 5573 - 5571	SP	SAND,	gray, coarse, wet (groundwater encountered	at 15 feet)		

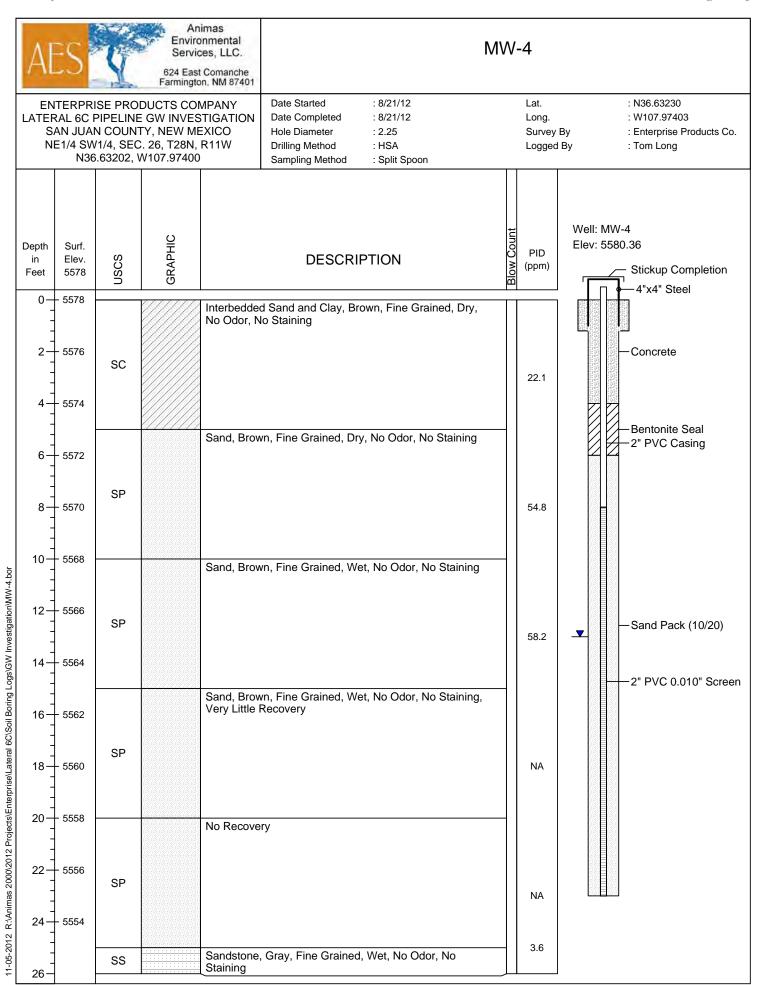
AF	ES		Anir Environ Service 624 East Com Farmington, N	mental s, LLC. anche St.	SB-7			
EN	ITERPRISE	E PRODU	INE RELEAS ICTS COMP , NEW MEXI	ANY	Date Started : 11/30/11 Latitude Date Completed : 11/30/11 Longitud Hole Diameter : 2.25 in. Survey E Drilling Method : Geoprobe Logged I Sampling Method : Continuous	le : By :	36.63205° -107.973983° GPS Tami Ross	
Depth in Feet	Surf. Elev. 5588	nscs	GRAPHIC		DESCRIPTION	7	PID (ppm) 0,20,5	
- - - - -	- 5588			Backfill				
- - - - -	5586							
- - - - - -	5584	SW						
- - - - -	5582							
- - - - - -	5580	0.0		SAND, b	rown, coarse, moist		4.000	
Ing Logs\SB-7.bor	5578	SP					1,982	
teral 6C\Soil B	5576 - 5574	SP		SAND, g	ray, black silt, coarse, moist			
ojects\Enterprise\L		56						
mas 2000/2012 Pr	5572	05		SAND, g	ray, coarse/small rocks, wet (groundwater encountered at 17	feet)		_
02-22-20 12 S:\Anim	5570	SP						

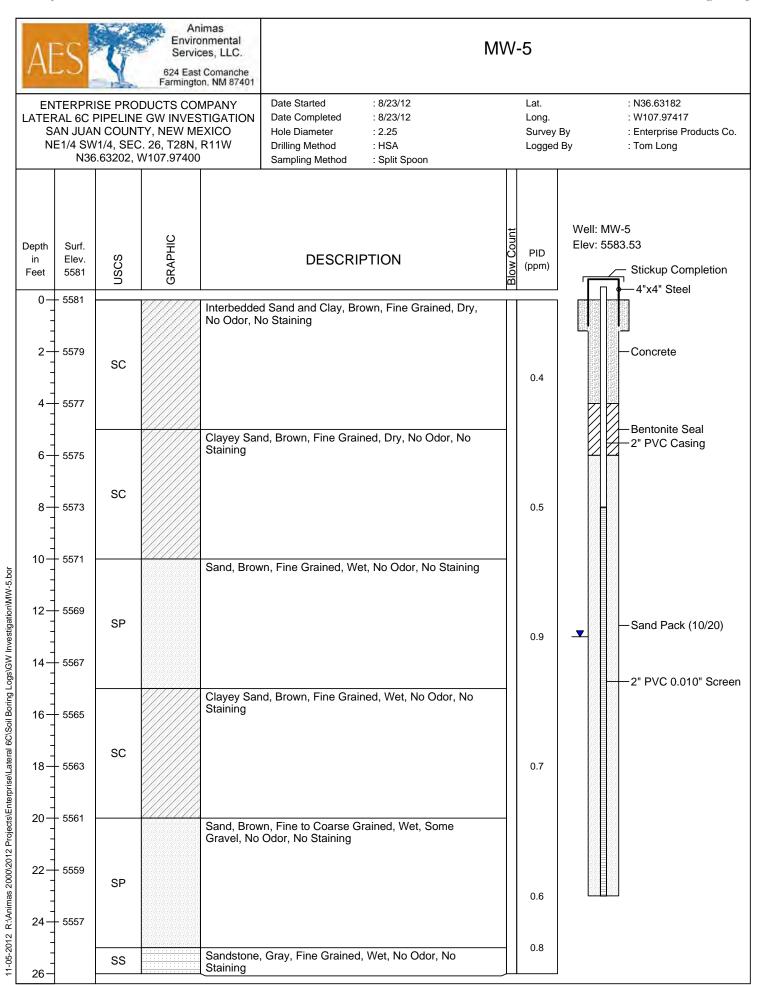
Af	ES		Anim Environr Services 624 East Coma Farmington, N	mental s, LLC. anche St.			SB-8			
EN	TERPRISE	E PRODU	INE RELEAS ICTS COMPA , NEW MEXIC	ANY	Date Started Date Completed Hole Diameter Drilling Method Sampling Method	: 11/30/11 : 11/30/11 : 2.25 in. : Geoprobe : Continuous	Latitude Longitude Survey By Logged By	: -1 : Gl	6.6323° 07.97422° PS ami Ross	
Depth in Feet	Surf. Elev. 5586	nscs	GRAPHIC			DESCRIPTION		Blow Count	PID (ppm) 0,20,5	
-	- 5586 - 5584			SAND, b	prown, loose, dry					
- - - - -	- 5582 - 5580	SP							364	
-	5578			SAND, b	prown, loose, moist				134	
ing Logs\SB-8.bor	- 5576	SP							36	
teral 6C\Soil B	5574	SP		SAND, d	lark gray, coarse, we	et (groundwater encou	untered at 13 feet)		30	_▼_
mas 2000/2012 Projects\E	- 5570 - 5568	SP		SAND, g	gray, coarse/small ro	cks, wet				
02-22-2012 S:\Anir	- 5568									

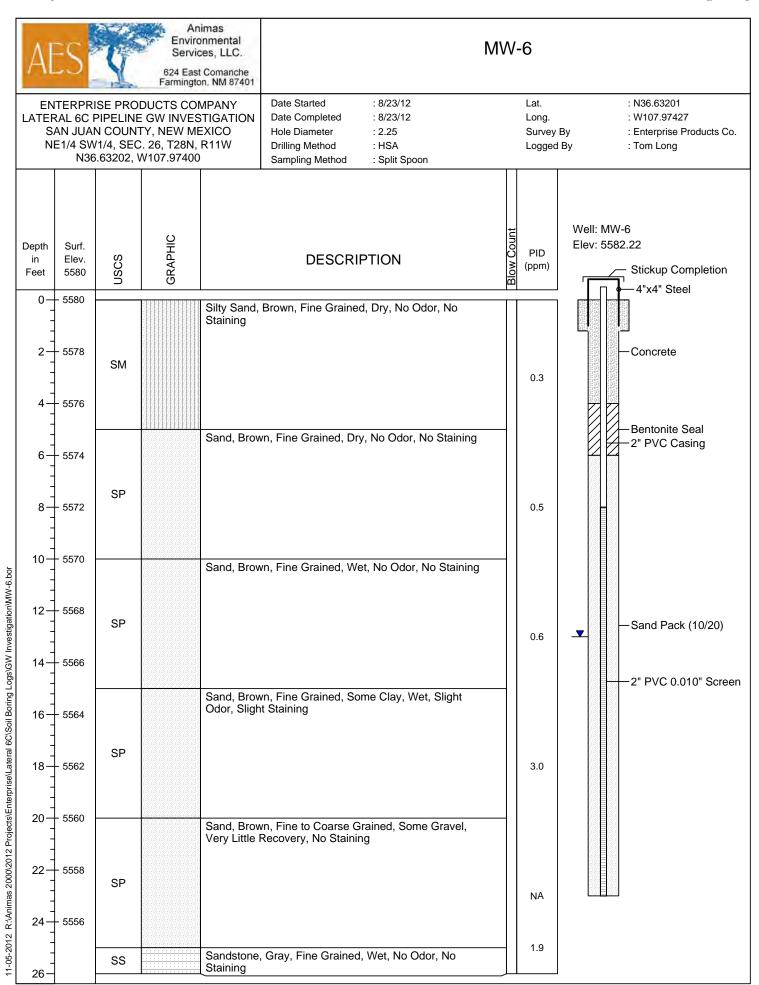


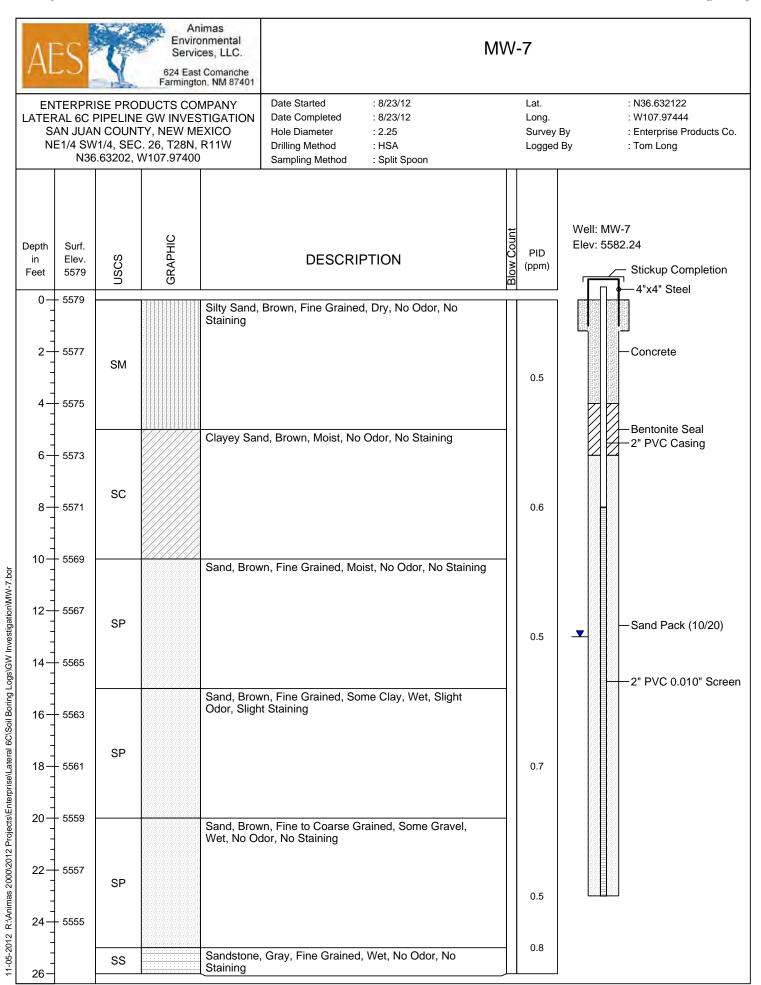


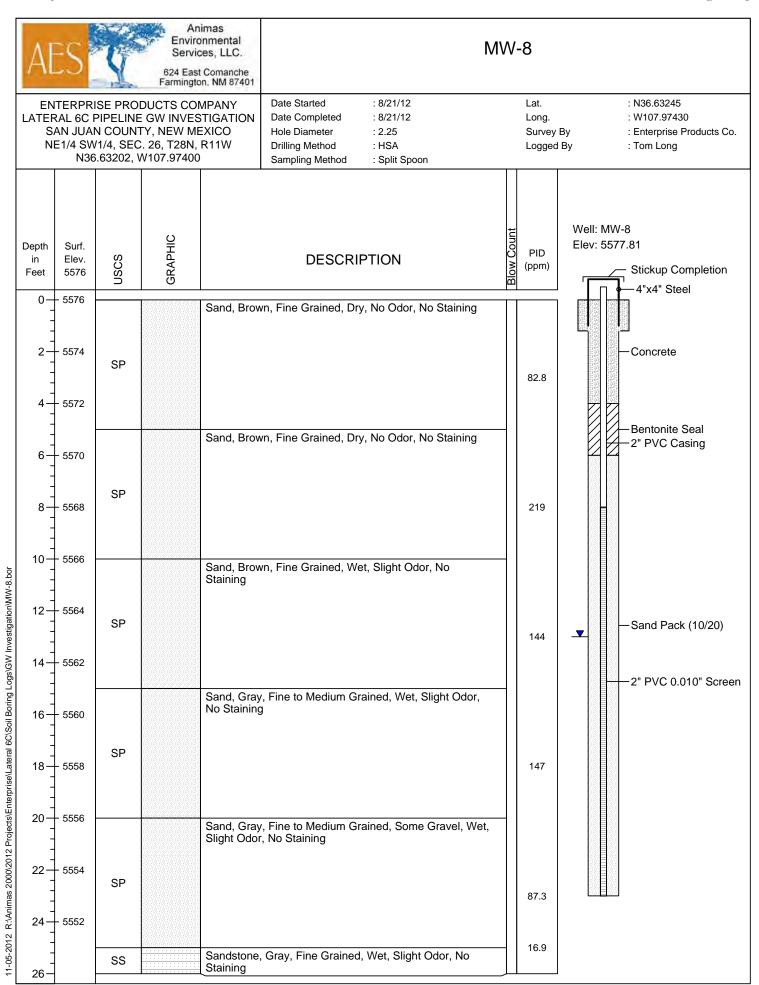
Al	ES	1	Enviror Service	mas nmental es, LLC. Comanche n, NM 87401			MW	-3	
LATEF S.	RAL 6C F AN JUAN E1/4 SW	PIPELINE N COUNT 1/4, SEC	DUCTS COM E GW INVES TY, NEW ME 5. 26, T28N, F W107.97400	TIGATION XICO	Date Started Date Completed Hole Diameter Drilling Method Sampling Method	: 8/21/12 : 8/21/12 : 2.25 : HSA : Split Spoon		Lat. Long. Survey Logged	
Depth in Feet	Surf. Elev. 5577	nscs	GRAPHIC		DESCRII	PTION	Blow Count	PID (ppm)	Well: MW-3 Elev: 5579.52 Stickup Completion 4"x4" Steel
0- - - - 2-	- 5577 - 5575			Sand, Brow	n, Fine Grained, Dry	, No Odor, No Stainir	ng		— Concrete
4- 	- 5573	SP						5.6	Postorito Cool
6- -	- 5571	5P							Bentonite Seal 2" PVC Casing
-	- 5569							2.8	
3.3.00 dation/MW-3.50r dation/	- 5567 - 5565	SP		Sand, Brow	n, Fine Grained, We	t, No Odor, No Stainii	ng		_ Sand Pack (10/20)
Logs/GW Investi	- 5563							2.9	2" PVC 0.010" Screen
al 6C\Soil Boring	- 5561	SP		Sand, Gray Staining	, Fine to Medium Gr	ained, Wet, No Odor,	No		
ts/Enterprise/Laters	- 5559 - 5557	<u> </u>						0.8	
200\2012 Projects	- 5557 - 5555	05		Sand, Gray No Odor, N	r, Fine to Coarse Gra o Staining	ined, Some Gravel, V	Vet,		
11-05-2012 R:\Animas 2000\2012 Projects\Enterprise\Lateral 6C\Soil Boring Logs\GW Investigation\WW\-3.bor	- 5553	SP						2.1	
- 26 - 26 - 26		SS		Sandstone, Staining	Gray, Fine Grained	, Wet, No Odor, No		2.3	

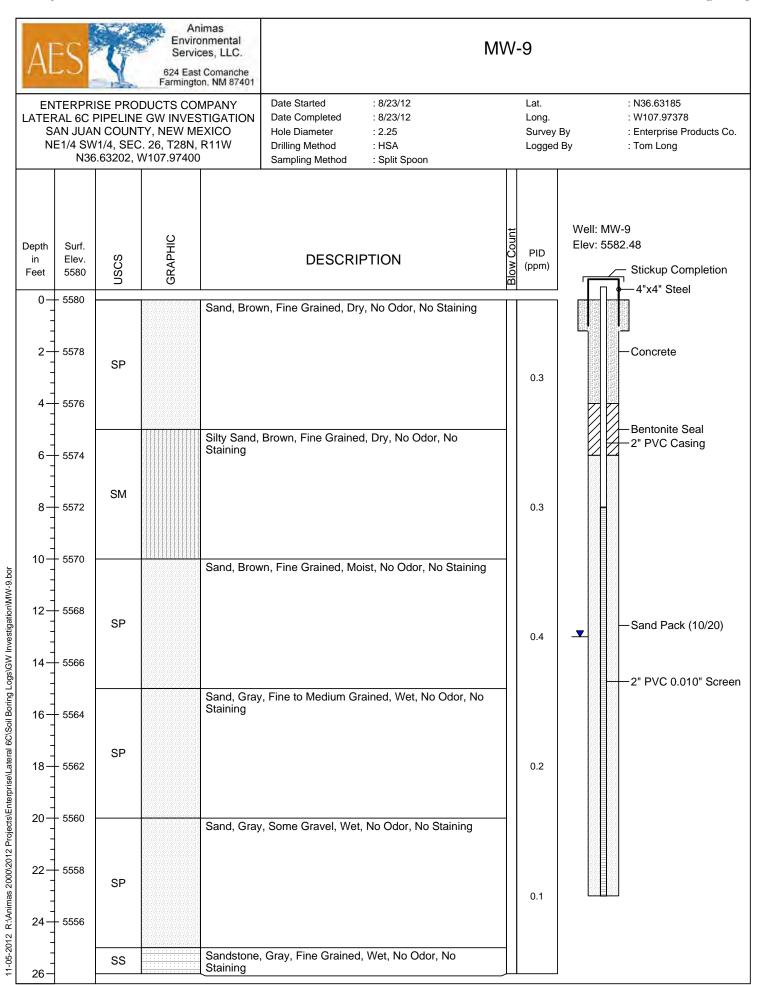


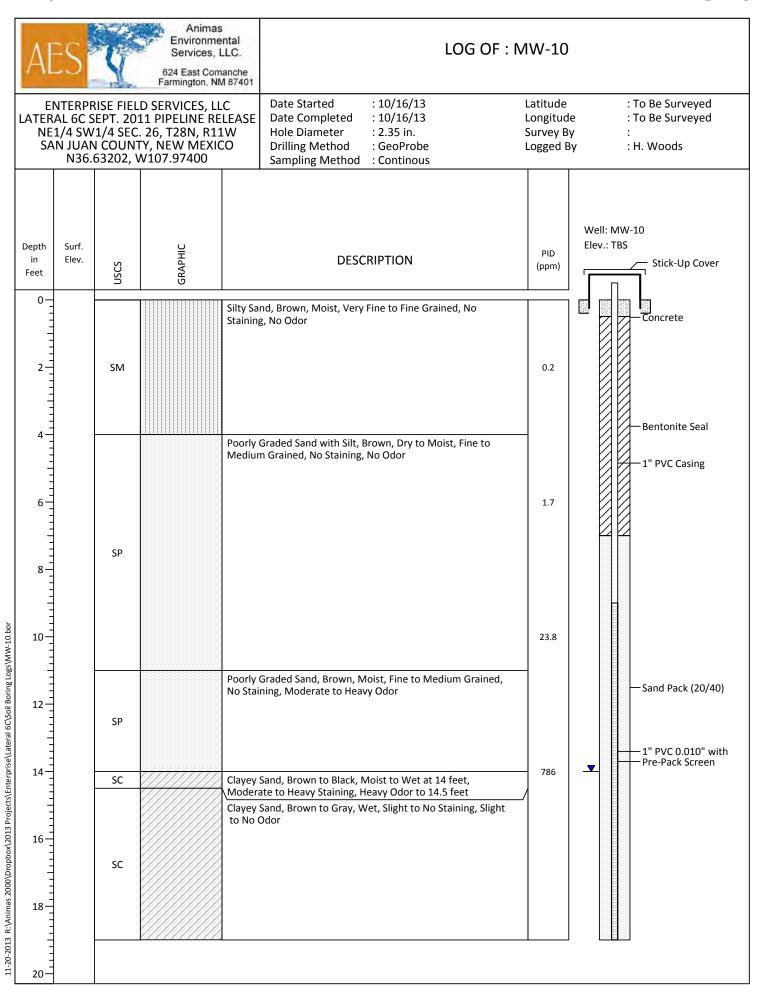












AE:	S	V	Animas Environment Services, LL 624 East Coman Farmington, NM 8	C.	LOG OF :	MW-11	I
LATERAL NE1/4 SAN	. 6C SE 4 SW1 JUAN	EPT. 201 L/4 SEC. COUNT	D SERVICES, LLC 11 PIPELINE RELE . 26, T28N, R11W TY, NEW MEXICO W107.97400	EASE V	Date Started : 10/16/13 Date Completed : 10/16/13 Hole Diameter : 2.35 in. Drilling Method : GeoProbe Sampling Method : Continous	Latitude Longitud Survey E Logged	de : To Be Surveyed By :
in E	Surf. Elev.	uscs	GRAPHIC		DESCRIPTION	PID (ppm)	Well: MW-11 Elev.: TBS Stick-Up Cover
2		SM	S	Staining	nd, Brown, Moist to Dry, Very Fine Grained, No r, No Odor	0.0	Concrete Bentonite Seal
6			N	No Staii	Graded Sand, Brown, Moist, Fine to Medium Grained, ning, No Odor, Silty Sand Lense at 7.5 feet, Trace irom 8 to 12 feet	0.0	1" PVC Casing
10-		SP				0.0	— Sand Pack (20/40)
14-	-	SC	P	Grained Poorly (Sand, Brown, Moist to Wet at 14 feet, Fine to Medium Graded Sand, Brown to Gray, Wet, Fine to Large I, Traces of Gravel, No Staining, No Odor, Trace Silt	0.0	1" PVC 0.010" with Pre-Pack Screen
16-		SP					
20-							

V	Services, LLC. 624 East Comanch		MW-12	
SEPT. 20: /1/4 SEC N COUN	11 PIPELINE RELEA . 26, T28N, R11W TY. NEW MEXICO	Date Started : 10/16/13 SE Date Completed : 10/16/13 Hole Diameter : 2.35 in. Drilling Method : GeoProbe Sampling Method : Continous	Latitude Longitude Survey By Logged By	:
uscs	GRAPHIC	DESCRIPTION	PID (ppm)	Well: MW-12 Elev.: TBS Stick-Up Cover
SC			0.0	Concrete
SP	ilty Ler	Sand ses 0.5 to 1 foot, Brown, Moist to Dry, No Staining, No	0.0	Bentonite Seal 1" PVC Casing
	Fin	to Medium Grained, Traces of Large Grains Increasing	0.0	
SP			0.0	1" PVC 0.010" with Pre-Pack Screen
	SEPT. 20 /1/4 SEC N COUN' 63202, N	Environmental Services, LLC. 624 East Comanche Farmington, NM 874 RISE FIELD SERVICES, LLC SEPT. 2011 PIPELINE RELEAS (1/4 SEC. 26, T28N, R11W N COUNTY, NEW MEXICO 63202, W107.97400 SC SEPT. SC SEPT. SC ST	Environmental Services, LLC. 624 East Comanche Farmington, NM 87401 RISE FIELD SERVICES, LLC SEPT. 2011 PIPELINE RELEASE 71/4 SEC. 26, T28N, R11W N COUNTY, NEW MEXICO 63202, W107.97400 Clayey Sand, Brown, Moist, Fine to Medium Grained, No Staining, No Odor Clayey Sand, Brown, Moist, Fine to Medium Grained, No Staining, No Odor Clayey Sand, Brown, Moist, Fine to Medium Grained, No Odor Interbedded Poorly Graded Sand with Silt, Clayey Sand and Silty Sand Lenses 0.5 to 1 foot, Brown, Moist to Dry, No Staining, No Odor Sp Sand, Brown to Gray, Moist to Wet at 14 feet, Fine to Medium Grained, Traces of Large Grains Increasing with Depth, No Staining, No Odor	SENTION LLC. 624 East Comanche Farmington, NM 67401 RISE FIELD SERVICES, LLC SEPT. 2011 PIPELINE RELEASE 1/1/4 SEC. 26, T28N, R11W N COUNTY, NEW MEXICO 63202, W107.97400 Date Started : 10/16/13 Latitude Longitude 10/16/13 Longitude 10/16/16/16 Longitude 10/16/16/16 Longitude 10/16/16 Longitude

ΑE	ES		Animas Environmer Services, Li 624 East Coma Farmington, NM	LC.		LOG OF : M	1W-13	
ATER. NE:	AL 6C S 1/4 SW .N JUAN	EPT. 201 1/4 SEC. I COUNT	D SERVICES, LLC 11 PIPELINE REL 26, T28N, R11' Y, NEW MEXIC V107.97400	.ease W	Date Started : 10/16/13 Date Completed : 10/16/13 Hole Diameter : 2.35 in. Drilling Method : GeoProbe Sampling Method : Continous		Latitude Longitude Survey By Logged By	y :
Depth in Feet	Surf. Elev.	nscs	GRAPHIC		DESCRIPTION		PID (ppm)	Well: MW-13 Elev.: TBS Stick-Up Cove
2-		SC		Clayey : No Odo	Sand, Brown, Fine to Medium Grained, N r	No Staining,	0.0	Concrete
4 — - - 6 — -					Graded Sand with Silt, Brown, Fine to Mo t to Dry,No Staining, No Odor	edium Graine	0.0	Bentonite Seal 1" PVC Casing
8		SP CL		Lean Cl Sand w	ay Lense, Brown, Moist, No Staining, No ith Silt, Brown, Fine to Medium Grained,		- 0.0	
12-		SP SC		No Stai	ning, No Odor ay Grading to Clayey Sand, Brown, Fine O		- 0.0	
16-		SP		Poorly (No Stai	Graded Sand, Brown, Moist, Fine to Med ning, No Odor			Sand Pack (20/4
18-		SC	1	to Wet	Sand, Brown with Orange Lenses, Fine G at 18 feet, No Staining, No Odor rown with 2 to 3 inch Orange and Gray L n Grained, Slight to No Staining, No Odo	Lenses, Wet,	0.0	Pre-Pack Screer
20-		SP						
24—								

		A Subs	Aztec, New Phone: (5 www.ap	DECEMBER 1 OF STATE O	uite A 410 00		Frunk 6C Kutz Wash Pipeline Release SW 1/4 Sec 26, T28N, R11W San Juan County, New Mexico 36.63202 N, 107.97400 W Project No. 725040112183	Soi	I Boring/Mon		II
Date Sa Drilled to Driller: Logged Sample Project	by:	R. De	worx ujillo echilly echilly			Top of North West Bence	Coordinate: 2049613.84 Coordinate: 2681706.40 b Mark Flourisin: F575.44	Casing D Well Mate	erials: 0.010 Completion: Abov	D" SCH40 PVC re Ground Vault	
Depth (Feet BGS)	Sample Interval	Sample ID	Recovery (%)	PID Value (ppm)	Groundwater Elevation	Geologic Symbol	Geologic Description			ell Completion c Depiction)	
0							NO RECOVERY, Hydrovac				
2.5			0	-							
7.5			60	0.0			SAND, Light Olive Gray, Medium to Coarse Grained, No Sta Moist, No Odor	ining,	Bentonite Seal	-8'	10' Flush Threaded 2" PVC Casing
12.5		12-16	35	0.0	9/6/2016		SAND, Light Olive Gray, Coarse Grained, No Staining, Wet,	No Odor	Hydrated		
15				0.0	<u></u>		SAND, Light Olive Gray, Coarse to Very Coarse Grained, wi Gravel, No Staining, Wet to Very Wet, No Odor	 ith Trace			
17.5			85	0.0					10-20 Silica Sand		meter creen
12.5						<u>Waran</u>	Bottom of Boring at 20 Feet BGS NOTE: Survey Elevations are Listed in Feet as Measured at Local C Adjusted Control Point. Coordinates are Listed in Feet, NAD 1983 2011 State Plane Mexico West FIPS 3003		Threaded Bottom Cap	-20'	10' Flush Threaded 2" Diameter 0.010" Machine Slot Screen

		60	06 South Ric Aztec, New Phone: (5 www.ar	O Grande, S Mexico 876 (505) 334-52 Dexcos.com pex Compa	uite A 410 00	7	Frunk 6C Kutz Wash Pipeline Release SW 1/4 Sec 26, T28N, R11W San Juan County, New Mexico 36.63202 N, 107.97400 W	Soil	_	onitoring Wo	ell
Date Sa Drilled b Driller: Logged Sample Project	by: er:	9/6/2 Earth L. Tru R. De	016 worx ujillo eechilly			Top of North West Benc	of Casing Elevation: 5578.83' Coordinate: 2049549.05 Coordinate: 2681664.07 Mark Elevation: 5578.44'	Casing Dia Well Mate	ameter: 2 rials: 0 ompletion: A	.25" ".010" SCH40 PVC bove Ground Vault	
Depth (Feet BGS)	Sample Interval	Sample ID	Recovery (%)	PID Value (ppm)	Groundwater Elevation	Geologic Symbol	Geologic Description			/Well Completion phic Depiction)	
0		14-16	100	0.0 0.2 1,062 0.0	9/6/2016		SILTY SAND, Light Olive Gray, Fine Grained, No Staining, Modor SAND, Light Olive Gray, Medium Grained, with Trace Silt, No Moist, No Odor SAND, Light Olive Gray, Medium to Coarse Grained, with Trace Silt, No Moist, No Odor SAND, Medium Dark Gray, Medium to Coarse Grained, with Trace Staining, Moist, No Odor SAND, Medium Dark Gray, Medium to Coarse Grained, Stain Strong Hydrocarbon Odor SAND, Light Olive Gray, Coarse Grained, No Staining, Wet, No Staining Strong Hydrocarbon Odor SAND, Light Olive Gray, Coarse Grained, No Staining, Wet, No Staining Strong Sturated at 18 Feet BGS	o Staining, ace Gravel, ning, Wet,	Hydrated Bentonite Seal Omega Sand Hydrated Bentonite Seal	-88 -10' -10' -20'	Flush Threaded 2" Diameter 10' Flush Threaded 2" PVC Casing 0.010" Machine Slot Screen
		pdata\local	\temp\AcP\	ublish 117	12\Boring L	ogs.dwq	NOTE: Survey Elevations are Listed in Feet as Measured at Local OI Adjusted Control Point. Coordinates are Listed in Feet, NAD 1983 2011 State Plane N Mexico West FIPS 3003 Modified 10/4/2016 by JSimpson		THIEAUEG BOTTOM C	ay <u>—</u>	10' Flush Th 0.010"

		60 A Subs	Aztec, New Phone: (5 www.ap	ITAN, o Grande, Su v Mexico 874 505) 334-520 pexcos.com lipex Compa	uite A 410 00		Frunk 6C Kutz Wash Pipeline Release SW 1/4 Sec 26, T28N, R11W San Juan County, New Mexico 36.63202 N, 107.97400 W Project No. 725040112183	Soil	SB-16A
Date Sa Drilled to Driller: Logged Sample Project	by:	R. De	nworx			Top of North West Bencl	nd Surface Elevation: of Casing Elevation: of Coordinate: Coordinate: h Mark Elevation: Elev: At Completion N/A N/A N/A N/A At Well Stabilization	Borehole Casing Dia Well Mate Surface C Boring Me	tameter: N/A prials: N/A Completion: N/A
Depth (Feet BGS)	Sample Interval	Sample ID	Recovery (%)	PID Value (ppm)	Groundwater Elevation	Geologic Symbol	Geologic Description		Boring/Well Completion (Graphic Depiction)
0			0	-			NO RECOVERY, Hydrovac		Hydrated Bentonite Backfill
7.5			70	1.0			SAND, Light Olive Gray, Medium Grained, No Staining, Moi	ist, No Odor	Hydrated
12.5		12-14	- 70	0.3	9/6/2016		SAND, Light Olive Gray, Coarse to Very Coarse Grained, N Wet to Very Wet, No Odor	lo Staining,	
15			85	0.0	9/6/2016		SAND, Light Olive Gray, with Trace Gravel, Coarse to Very Grained, No Staining, Saturated, No Odor	Coarse	
12.5 - 1 15 - 1 17.5 - 1 20 - 1 22.5 - 1 25 -				0.0			Bottom of Boring at 20 Feet BGS		-20'

		60	Phone: (5	o Grande, S v Mexico 87- 505) 334-52 bexcos.com	uite A 410 00	7	Frunk 6C Kutz Wash Pipeline Release SW 1/4 Sec 26, T28N, R11W San Juan County, New Mexico 36.63202 N, 107.97400 W Project No. 725040112183	Soi		/Monitoring W	ell
Date Sa Drilled I Driller: Logged Sample Project	by:	9/6/2 Earth L. Tru R. De	016 worx			Top of North West	nd Surface Elevation: 5577.16' of Casing Elevation: 5579.86' of Coordinate: 2681834.71 of Coordinate: 5575.44'	Casing Di Well Mate	erials: Completion:	3.25" 2" 0.010" SCH40 PVC Above Ground Vault Geoprobe	t
Depth (Feet BGS)	Sample Interval	Sample ID	Recovery (%)	PID Value (ppm)	Groundwater Elevation	Geologic Symbol	Geologic Description			ring/Well Completion Graphic Depiction)	
0			0	-			NO RECOVERY, Hydrovac SAND, Light Olive Gray, Medium Grained, No Staining, Moist Moderate Hydrocarbon Odor	t, · · · · ·			Flush Threaded 2" PVC Casing
10		7-12 12-14	25	2,198			SAND, Medium Gray, with Trace Clay, Medium to Coarse Gr Staining, Wet, Strong Hydrocarbon Odor	ained,	Hydrated Bentonite Seal	-10'	10' Flush Thread
15—			40	52	9/6/2016		SAND, Light Olive Gray, Coarse Grained, No Staining, Wet, I	No Odor			
17.5				9.3			SAND, Light Olive Gray, with Trace Gravel, Coarse Grained, Staining, Very Wet to Saturated, No Odor	No No	Sand		
			70	3.7					10-20 Silica Sand		ameter Screen
15 —							Bottom of Boring at 20 Feet BGS NOTE: Survey Elevations are Listed in Feet as Measured at Local O Adjusted Control Point. Coordinates are Listed in Feet, NAD 1983 2011 State Plane I Mexico West FIPS 3003 Modified 10/4/2016 by JSimpson		Threaded Botto	20	10' Flush Threaded 2" Diameter 0.010" Machine Slot Screen

Date Sa	empled:	60	D6 South Rio Aztec, New Phone: (5 www.ap sidiary of Ap	O Grande, St v Mexico 874 505) 334-520 pexcos.com pex Compa	Suite A 410 00		Frunk 6C Kutz Wash Pipeline Release SW 1/4 Sec 26, T28N, R11W San Juan County, New Mexico 36.63202 N, 107.97400 W Project No. 725040112183 nd Surface Elevation: N/A		Boring/Monitoring Well SB-18A
Drilled b Driller: Logged Sample	by:	Earth L. Tru R. De R. De	nworx			Top of North West Bence	of Casing Elevation: N/A Coordinate: N/A N/A N/A N/A N/A N/A N/A N/	Borehole I Casing Dia Well Mate Surface C Boring Me	Ameter: N/A rials: N/A ompletion: N/A
Depth (Feet BGS)	Sample Interval	Sample ID	Recovery (%)	PID Value (ppm)	Groundwater Elevation	Geologic Symbol	Geologic Description		Boring/Well Completion (Graphic Depiction)
0			0	-			NO RECOVERY, Hydrovac		Hydrated Bentonite Backfill
			35	0.7			SAND, Light Olive Gray, with Trace Silt, Fine to Medium Gr Staining, Moist, No Odor		Hydrated
12.5			- 50	27	-		SAND, Light Olive Gray, Medium to Coarse Grained, No St. Moist, No Odor SAND, Medium Dark Gray, Medium to Coarse Grained, App		
15—	X	14-16		315	9/6/2016		Staining, Wet, Moderate Hydrocarbon Odor SAND, Light Olive Gray, Coarse Grained, No Staining, Very Saturated, Hydrocarbon Odor	y Wet to	
17.5			70	0.3					
12.5 - 15 - 17.5 - 1 22.5 - 1 2							Bottom of Boring at 20 Feet BGS		-20'



APPENDIX D

Public Notice and Landowner Table

Enterprise proposes the following verbiage for public notice:

Enterprise Field Services, LLC (Enterprise) hereby announces the publication of a Stage 1 Abatement Plan for soil and groundwater impacts identified at the Trunk 6C Kutz Wash pipeline release site located at latitude 36.63202° and longitude -107.97400° within the southwest (SW) ¼, in Section 26 of Township 28 North, Range 11 West in rural San Juan County, approximately 7 miles southeast of Bloomfield.

On September 11, 2011, a release of natural gas condensate was identified due to a leak on the Trunk 6C pipeline. Initial site assessments and subsurface investigations performed at the Site between October 2011 and September 2016 concluded that soil and groundwater impacts were present above applicable New Mexico (NM) Energy, Minerals and Natural Resource Department (EMNRD) Oil Conservation Division (OCD) standards for soil and Water Quality Control Commission (WQCC) standards for groundwater. The current extent of groundwater impact is estimated to be less than 0.3 acres. No surface water was impacted.

The Director of the NM ENMRD OCD has approved a Stage 1 Abatement Plan in which Enterprise proposes implementation of groundwater monitoring at the site to evaluate the concentrations of constituents of concern (COC) and the implementation of additional site-specific aquifer characterization. The data obtained from the Stage 1 Abatement Plan activities will be evaluated to determine a preferred abatement plan remediation option at the site. In order to determine that the Stage 1 Abatement Plan is administratively complete, the NM EMNRD OCD Director has complied with Subsection B of 19.15.30.15 of the New Mexico Administrative Code (NMAC) by reviewing the document and concluding that it satisfies the requirements of Subsection C of 19.15.30.13 NMAC.

Members of the public may view a copy of the Stage 1 Abatement Plan at the NM EMNRD OCD's Santa Fe office located at 1220 South St Francis Drive, #3, Santa Fe, New Mexico or at the NM EMNRD OCD's district office at 1000 Rio Brazos Road, Aztec, New Mexico. Additionally, the Stage 1 Abatement Plan is available for viewing electronically on the NM EMNRD OCD public database at http://www.emnrd.state.nm.us/OCD/.

The NM EMNRD OCD is accepting written comments and requests for consideration if they are received within 30 days after the publication date of this public notice. Any person seeking to comment on a Stage 1 Abatement Plan should submit written comments to:

Mr. Corey Smith Environmental Specialist New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

The NM ENMRD OCD shall distribute notice of the submittal of the Stage 1 Abatement Plan with the next division and commission hearing docket following receipt of the plan.

Additional information can be obtained from the Enterprise project contact:

Gregory E. Miller, P.G. 1100 Louisiana Street Houston, Texas 77002-5227 (713) 381-8780

Table A Property Owners Within One (1) Mile Radius

Trunk 6C Kutz Wash Pipeline Release San Juan County, New Mexico Enterprise Field Services, LLC

Parcel Number	Owner Name	Owner Address	Owner City, State, Zip Code
2099199900900	Federal	6251 College Blvd., Suite A	Farmington, NM 87402

State of New Mexico Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham Governor

Dylan M. Fuge Deputy Secretary **Dylan Fuge**, Division Director (Acting) **Oil Conservation Division**



Greg E Miller Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210

RE: Determination of Administratively Complete Stage 1 Abatement Plan & Public Notice and Participation for the Trunk 6C Kutz Wash Pipeline Release (Incident #nJK1201237146) 3R-438 & AP-131

Mr. Miller,

The Oil Conservation Division (OCD) received a Stage 1 Abatement Plan as well as a Proposed Public Notice and Participation submittal prepared on Enterprise Field Services, LLC's behalf by Ensolum, LLC. OCD has reviewed the plan and determined it to be administratively complete. In addition, OCD also approves the proposed draft of the Public Notice and Participation Proposal. The required public notice and participation should now proceed under the provisions of Subsections A and B of 19.15.30.15 NMAC. Proof of Public Notice must be provided to the OCD.

According to Table 2 of the Stage 1 Abatement Plan, MW-12 has not been sampled since 6/12/2015. Either the well must be re-drilled or the casing obstruction that has prevented access down the well must be removed for continued sampling.

Additionally, please include sampling analysis for TPH (MRO, DRO, GRO) using EPA method 8015M/B for lab analysis, due to the past presence of NAPL in wells MW-1, MW-2, and MW-8. Include sampling analysis for Polycyclic aromatic hydrocarbons (PAH), EPA method 8100.

The division shall distribute notice of an abatement plan's filing with the next division and commission hearing docket following the plan's receipt.

OCD's approval of the Stage 1 Abatement Plan does not relieve Enterprise of any other requirements imposed by any other regulatory agencies.

If you have any questions, please contact Mike Buchanan of the Environmental Incident Group at (505) 490-0798 or by email at *michael.buchanan@*emnrd.nm.gov.

Respectfully,

RosaM Romero

Rosa Romero Environmental Bureau Chief RR/mb

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 265681

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	265681
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By		Condition	Condition Date
michael.b	buchanan	Stage 1 Abatement Plan reviewed and conditionally approved. Letter of determination sent electronically on 01/25/2024.	1/25/2024