<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

HOBBS OCD

Form C-141 Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

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			Rele	ease Notific	catio	n and Co	rrective A	ction					
						OPERA	ГOR	[Initia	al Report	\boxtimes	Final Rep	or
Name of Co				00001		Contact Guy		000 / 00					_
		, Eunice, Ne exico "S" St					No. (575) 394-20 e Active Tank I		ice)				_
								Janet y					_
Surface Ow	ner State o	of New Mexi	со	Mineral C)wner S	State of New	Mexico		API No				_
				LOCA	ATIO	N OF REI	LEASE						
Unit Letter F	Section 02	Township 17S	Range 35E	Feet from the	North	/South Line	Feet from the	East/W	est Line	County Lea			
		Latitude_	N32°_25	' 13.53"		_	e 103° 08' 08.0	7"					
- an i	6 11				URE	OF REL		0.5					_
Type of Rele	ase Combin	ation oil and	produced v	water		Volume of produced v	Release 78.4 oil/	E. 1992	Volume F produced	Recovered 7:	5 bbls	oil/8.3-bbls	
Source of Re	lease Broke	n water leg or	Heater T	reater		Date and H	lour of Occurrenc	e 3-	Date and		cover	y 3/20/10 @	
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Was inmedia	ate Hottee C		Yes	No Not Re	equired		Wildin, D. D. Go	ilizate5					
		ington (Exxor	nMobil Co	orp.)			lour 3-20-10 @ 14						
Was a Water	course Reac	44.4	Yes 🛛	No		If YES, Vo	lume Impacting t	he Water	course.				
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Signature:	A	vsjalidor regu	inations.				OIL CONS	SERVA	ATION	DIVISIO	N		
Printed Name	e: Guy Pear	ce				Approved by	Environmental Sp	pecialist:					
Title: Produc	tion Forema	ın				Approval Dat	e:	E	xpiration	Date:			
E-mail Addre	ess: guy_pea	arce@xtoener	gy.com			Conditions of	Approval:			Attached			
D-4 4 22 12			D	L (ETE) 204 2	2000								

* Attach Additional Sheets If Necessary

RP-2385

Parl 1964 835 253 DEC 1 5 2015

District I = 1625 N French Dr., Hobbs, NM 88240
District II 1301 W Grand Avenue, Artesia, NM 88210
District III 1000 Rto Brazos Road, Aztec, NM 87410
District IV 1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resource RECEIVER

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

HORRSOCH APR 22 CHIL

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

						OPERA'	ror		⊠ Initi	al Report		Final Repo
Name of Co	ompany Ex	cxonMobil				Contact To	The second secon				Bennel	
		58, Houston	TX 772	10		Telephone l	No. 281-654-11	33				
Facility Na						Facility Typ	e Water Leg o	n Heat	er Treater	r		
Surface Ow	vner : Wa	lko Ranch		Mineral C)wner				Lease N	No.		
						N OF RE	LEASE API	30.	LL NM	S STATE	*OO.	28
Unit Letter F	Section 2	Township 22S	Range 37E	Feet from the	North	South Line	Feet from the	East/V	Vest Line	County		
			Latit	ude_N32.25.2	6 L	ongitude_	W103.08.122					
				NAT	URE	OF REL	EASE					
Type of Rele	ease Oil ar	nd water				-	Release 78.4 oil/8	3.7	Volume F	Recovered	75 oil	/8.3 produced
Source of Re	lease Wate	r leg on heate	r treater				our of Occurrence	e	The second second	Hour of Dis 8:00AM	covery	,
Was Immedi	iate Notice (Yes [No Not Re	equired	If YES, To E.L. Gonza	Whom?					
By Whom?					-		our 3/20/10 2:3					
Was a Water		ched?	Yes 🛭	No		If YES, Vo	lume Impacting th	he Wate	rcourse.			
	III III III II II II II II II II II II	em and Reme		n Taken.*	in pipin	g developing		18146	1 60'			
Describe Are	a Affected	and Cleanup A	ction Tak	en.*								
A vacuum tre remediated a	uck was call ccording to	ed out to pick NM guideline	up free fle	uid. Emergency o	ne call v	vas put in and	contaminated soi	l was ex	ccavated. S	lite will be d	elinea	ted and
regulations al	Il operators	nformation gi										ules and
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public health should their coor the environ federal, state, Signature Printed Name	poperations hament. In a certocal lav	are required to connent. The ave failed to a ddition, NMO ws and/or regu	o report an acceptance dequately CD acceptations	d/or file certain re e of a C-141 repo investigate and re tance of a C-141	elease nort by the emediate report de	Approval Date	d perform correct rived as "Final Re on that pose a three the operator of re OIL CONS	ERV	ons for releases not releases not released water polity for control of the contro	eases which eve the oper, surface was ompliance w	may eator of ter, hu ith any	ndanger Tiability man health y other

25 April 2013

Mr. Geoffrey Leking Environmental Specialist New Mexico Oil Conservation Division 1625 North French Drive Hobbs New Mexico 88240 HOBBS OCD

APR 2 9 2013

RECEIVED

RE: Remediation Closure Report

XTO Energy

New Mexico "S" State Tank Battery #5

UL-F (SE1/4 of the NW1/4) of Section 02, T22S, R37E

Lea County, New Mexico

NMOCD Ref. #1RP-10-4-2489; EPI Ref. #190041

Dear Mr. Leking:

The below *Remediation Closure Report* (*Report*) is an abbreviated version depicting prominent remedial activities conducted on the above referenced Release Area. However for clarity and cross reference elimination purposes, the *Report* includes *Release History*, *Site Background*, *Preliminary Field Work*, *Analytical Data and Procedures* and *Field Remediation Activities*.

Release History

On March 20, 2010 at 8:00 a.m. approximately 78.4-bbls of petroleum products and 8.7-bbls of produced water were released when a water leg broke away from an active heater treater. Approximately 75-bbls of petroleum and 8.3-bbls of produced water were recovered. The combined fluids covered a release area of $\pm 5,300$ square feet. After vacuuming petroleum products and produced water, field activities were initiated to mitigate the Release Area. Oily impacted material within the Release Area were blended with existing soil to stiffen and then transported to Sundance Services, Inc., for disposal. ExxonMobil (XTO) retained the services of Environmental Plus, Inc., (EPI) to GPS, photograph and delineate the release area.

Site Background

The Release Area is located in UL-F (SE1/4 of the NW1/4) of Section 02, T17S, R37E approximately 3,364-feet above mean sea level (amsl). The property is owned by the State of New Mexico and managed by New Mexico State Land Office (NMSLO). A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). No water wells (domestic, agriculture or public) or bodies of groundwater exist within a 1,000-feet radius of the release area (reference *Figure 2*). Groundwater data indicates average water depth approximately 60-feet below ground surface (bgs). Based on available data, groundwater depth is approximately 45-feet

2 NTAL NVIRONME I



below impacted soil. Utilizing this information, NMOCD Remedial Threshold Goals for the release area were determined as follows:

Parameter	Remedial Goal
Benzene	10 mg/Kg
BTEX	50 mg/Kg
TPH	100 mg/Kg
Chlorides	500 mg/Kg

Preliminary Field Work:

On May 21, 2010 EPI mobilized to the Release Area for delineation activities via sample trenches (ST). ST-1 was excavated to a depth of 6-feet and ST-2 to a depth of 11-feet bgs. Soil samples were collected at 1-foot intervals to ST total depth. On July 29, 2010 EPI mobilized to the Release Area and excavated ST-3 a total depth of 10-feet bgs. Soil samples were collected at selected intervals (2-, 3.5-, 5-, 7- and 10-feet bgs) for field analyses and laboratory analytical tests (reference *Figure 3*).

In response to NMOCD request, EPI and Straub Corporation mobilized to the Release Area on January 25, 2011 to determine exact depth of impacted material. A single soil boring was advanced in the center of the Release Area a total depth of 25-feet bgs. Impacted material extended from ground surface to 15-feet bgs. Soil samples for field analyses and laboratory analytical tests were collected at 5-feet intervals from ground surface to TD of the soil boring (reference *Table 2*). Upon completion of field analytical activities, the soil boring was plugged utilizing 3/8" pelletized bentonite and cement plug (reference *Well Records & Log*).

Due to concerns of number and exact location of buried pipelines, EPI and HydroTech mobilized to the Release Area on March 7, 2011. A trench was hydro-excavated from the east side of the Release Area to the lease road on the west side. Three (3) buried pipelines were discovered with two (2) 3-inch diameter steel pipelines running parallel north-south down west side of Release Area approximately four (4) feet east of the lease road. An eight-inch (8") diameter polyethylene pipeline crossed the lease road and skewers toward the east side of the Release Area (reference Figure 4). Bury depth of the 3" diameter pipelines is ± 2 -feet while the 8" diameter polyethylene pipeline is ± 4 -feet. Field observations indicate the steel and polyethylene pipelines will intersect near the south end of the release area. No soil samples were collected during this event.

Analytical Data and Procedures:

For activities described above and below where soil samples were collected, a portion of selected soil sample was field analyzed for organic vapor and chloride concentrations. Soil samples collected for field analysis of organic vapors were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Soil samples were then tested for organic vapor concentrations utilizing a MiniRaeTM Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) lamp calibrated for benzene vapors. Chloride concentrations were field analyzed utilizing a LaMotte Chloride Kit (Titration Method).

Soil samples designated for laboratory analyses were immediately inserted into laboratory approved containers, properly labeled, placed in self sealing polyethylene bags, inserted into



coolers, iced down and transported to an independent laboratory for quantification of TPH [GRO (C6-C12) and DRO (>C12-C28)] and chloride concentrations under Chain-of-Custody protocol.

In noting *Table 2*, the Release Area is void of TPH concentrations above NMOCD Remedial Threshold Goals (NMOCD Goals) of 100-mg/Kg. Chloride concentrations elevated above NMOCD Goals of 500 mg/Kg terminate at fifteen (15) feet bgs.

Field Remediation Activities:

In viewing the physical location of the Release Area, it would require a very large excavation for removal of all chloride impacted material to fifteen (15) feet bgs. The north end is blocked by an active heater treater while the west side is confined by the lease road and existing pipelines. The east side contains surface steel flowlines to the active tank battery. Excessive excavation in the northerly direction would endanger the heater treater base. Removal of impacted material near the lease road would require a detour and closure of the north-south route. Benching of sidewalls would be limited due to the confined space in which to operate. Also, area for ingress/egress ramps was not sufficient to accommodate earth moving equipment. Hence, a trackhoe was used for both excavation and backfill operations. These obstacles were expounded in the original *Site Remediation Proposal* submitted to the NMOCD on April 29, 2011.

EPI mobilized to the Release Area on February 18, 2013 and began remedial activity. The two (2) 3-inch diameter steel lines were uncovered full length of the Release Area. Remainder of Release Area was surveyed using a pipe locater to ensure all pipelines had been identified. Excavation activities started on the north-east corner of the Release Area and proceeded in the southerly direction. From February 18-25, 2013, ±1,626 cubic yards of impacted material were excavated by a trackhoe and temporarily stockpiled on the southerly portion of Release Area. The impacted material was then loaded into dump trucks by a front end loader and transported to Sundance Services for disposal. As excavating activities started to undermine and expose the two (2) 3-inch steel pipeline, extendable metal pipe supports were installed to prevent sagging. This procedure was repeated by extending them until total depth was achieved. The 8-inch polyethylene pipe was rigid requiring no pipe supports.

After the easterly portion of excavation activities was completed to the southerly terminus, five (5) soil samples were collected from the east sidewall on February 22, 2013. Similarly, three (3) soil samples were collected from the bottom of the excavation in the north, middle and south sides on February 26, 2013 (reference *Figure 5*). As soil samples collected from excavation bottom were destined for laboratory analytical test for chloride concentrations, no field analyses were conducted. Soil samples were collected, processed and transported to an independent laboratory per *Analytical Data and Procedures* outlined in this *Report*.

Laboratory analytical results from east sidewall soil samples indicated it was void of chloride concentrations elevated above NMOCD Goals of 500mg/Kg. Chloride concentrations from bottom soil samples indicated both north and south end of the excavation were in compliance while the center was elevated above NMOCD Goals of 500 mg/Kg (reference *Table 3*).

After reaching excavation physical constraints for width and predetermined depth of seven (7) feet bgs, the bottom area was smoothed of irregularities and two (2) feet layer of cushion top soil deposited, smoothed and compacted via use of the trackhoe. On February 28, 2013 Akome Incorporated arrived at the excavation and installed ±4,230 square feet of 20-mil reinforced polyethylene liner in the bottom. After completing installation of the liner, a two (2) feet thick



layer of cushion top soil free of large clods, rocks or deleterious material was placed over the westerly portion. During backfill activities pipe support elevations were adjusted with height of backfill cushion material avoiding direct contact with the liner. Once the buried pipelines on the west side of the excavation were covered and all pipe supports removed, the trackhoe carefully placed cushion material in the easterly direction over the liner coincidental with backfill activities. From February 26 through March 5, 2013, $\pm 1,596$ cubic yards of topsoil were placed and compacted in the excavation.

Upon completion of backfill activities, the disturbed areas were contoured to prevent wind/water erosion, pooling of water and promote natural drainage. Remaining activity for completion of project is discing and deep drill seeding the disturbed areas with a seed mixture approved by the NMSLO. However, in view of drought conditions, it is recommended postponing this activity until ground and weather conditions are conducive to vegetative growth.

XTO and EPI personnel are cognizant this represents a "risk based" closure procedure, but feel it is justified under conditions described above in conjunction with an active tank battery supported by the heater treater. Upon closure and removal of the tank battery tankage, heater treater and infrastructure, remaining impacted material will be removed and area returned to natural state.

Should you have questions, concerns or need additional technical information, please contact me at (575) 394-3481 (office), (575) 441-7802 (cellular) or via e-mail at dduncanepi@gmail.com.

Direct official communications to Mr. Guy Pearce at (575) 394-2089 (office), (575) 441-2965 (cellular) or via e-mail at guy pearce@xto energy.com with correspondence addressed to:

Mr. Guy Pearce Production Foreman XTO Energy P.O. Box 700 Eunice, New Mexico 88231

Sincerely,

ENVIRONMENTAL PLUS, INC.,

David P. Duncan Civil Engineer EPI Project Manager

Cc: Guy Pearce, Production Foreman – ETO Energy Jesse Miller. Vice President - EPI Roger Boone, Operations Manager - EPI Ben Sturgill, NMSLO – Hobbs, NM Steven Ikeda, NMSLO – Santa Fe, NM



Encl: Figure 1 – Area Map

Figure 2 – Site Location Map

Figure 3 – Site Sample Trench Map

Figure 4 - Site Map

Figure 5 – Soil Sample Location Map

Table 1 - Well Data

Table 2 – Summary of Sample Trenches and Soil Boring Soil Sample Field Analyses and Laboratory Analytical Data

Table 3 - Summary of Soil Samples Field Analyses and Laboratory Analytical Results

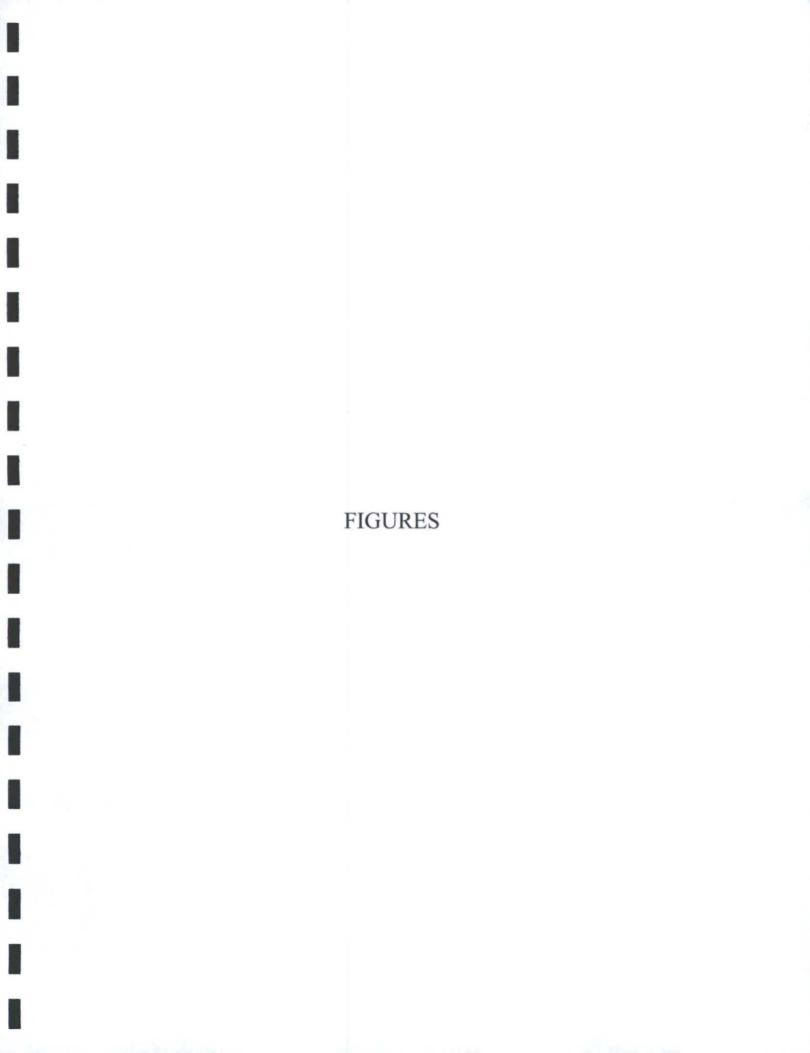
Attachment I – Site Photographs

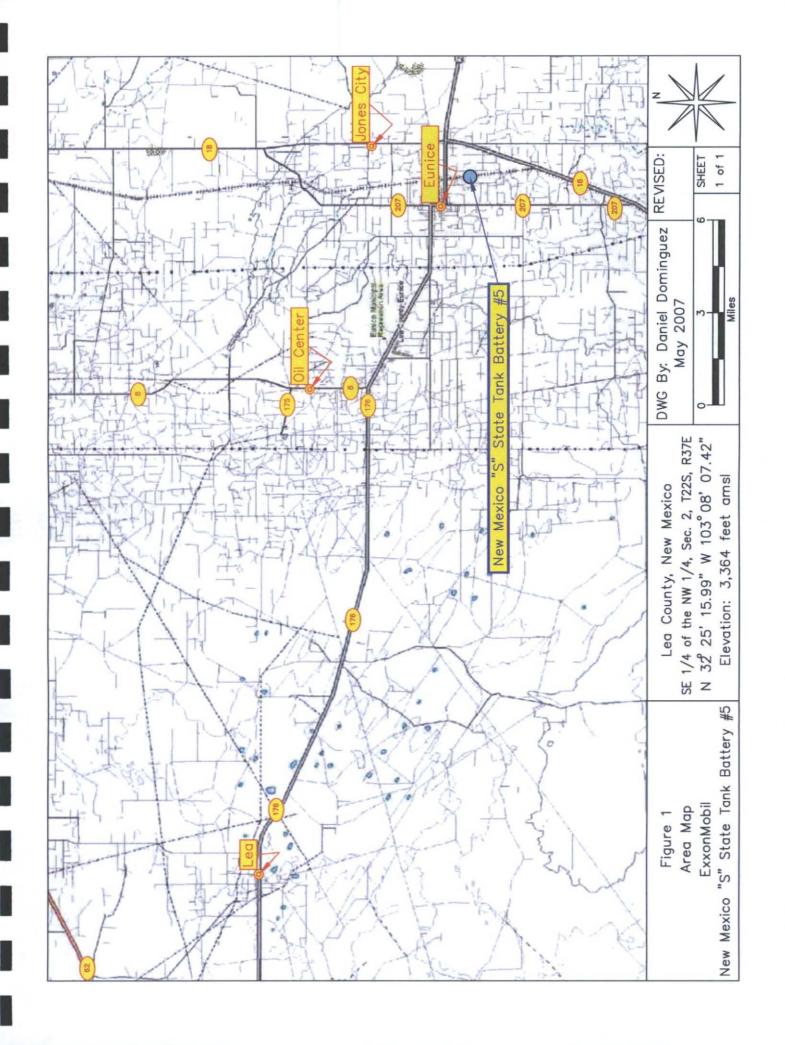
Attachment II - Laboratory Analytical Results and Chain-of-Custody Forms

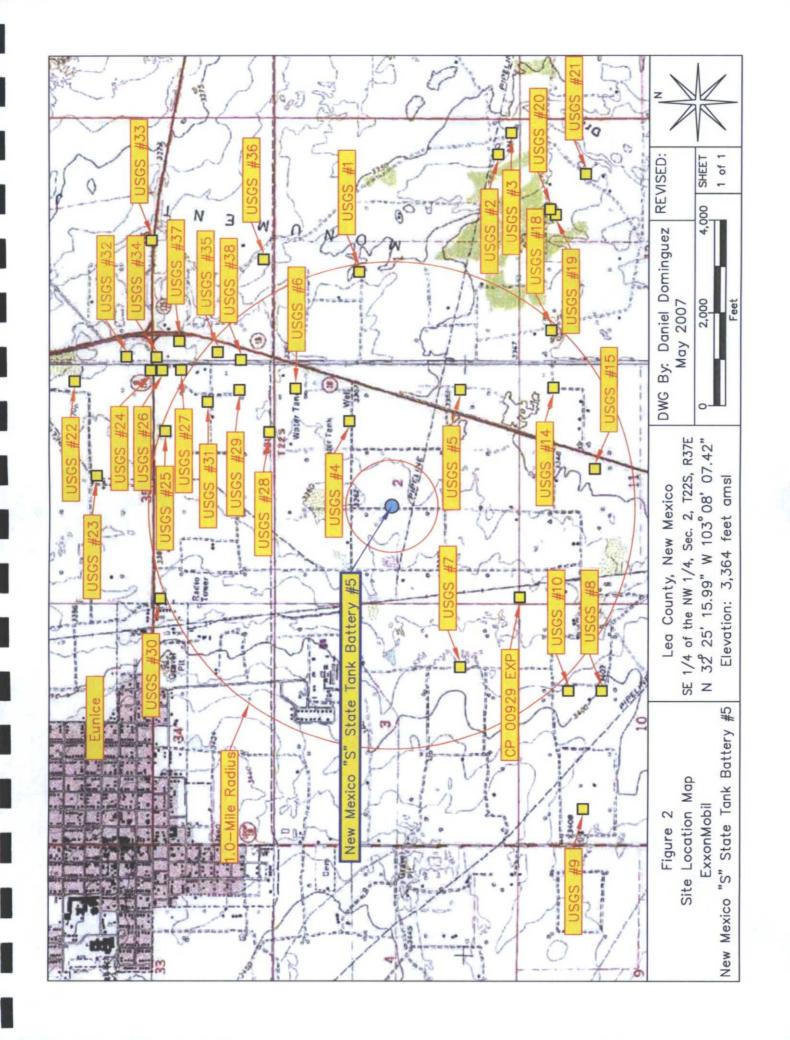
Attachment III - Sample Trench Logs (FM & OL Forms)

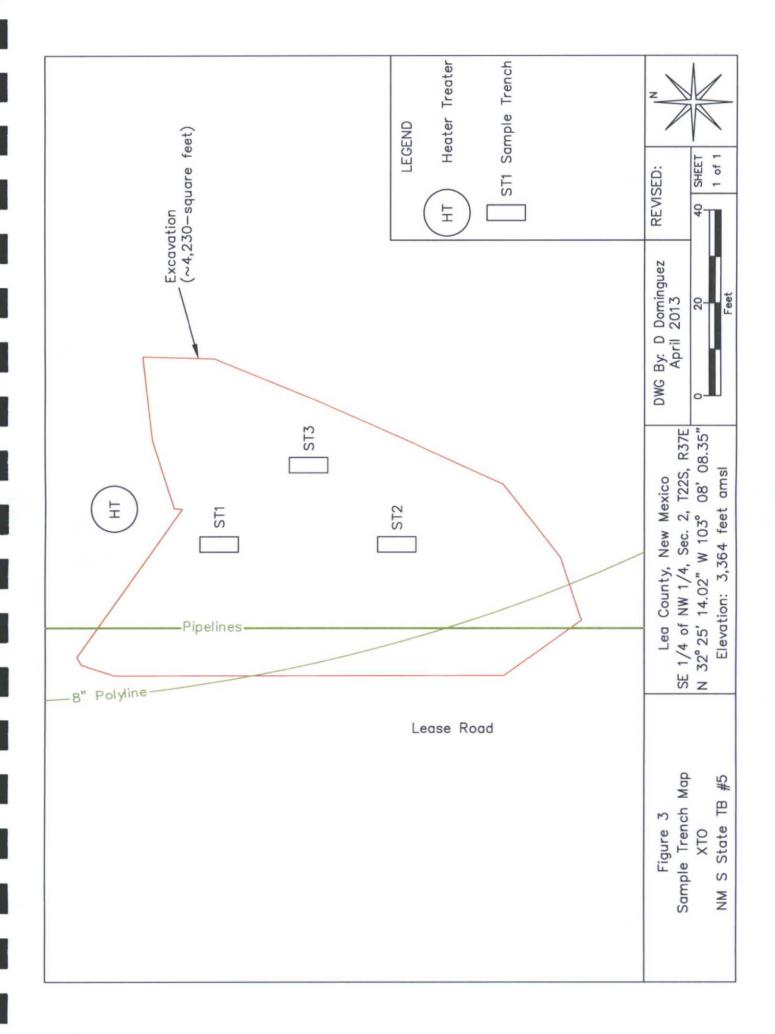
Attachment IV - Well Record & Log Office of the State Engineer

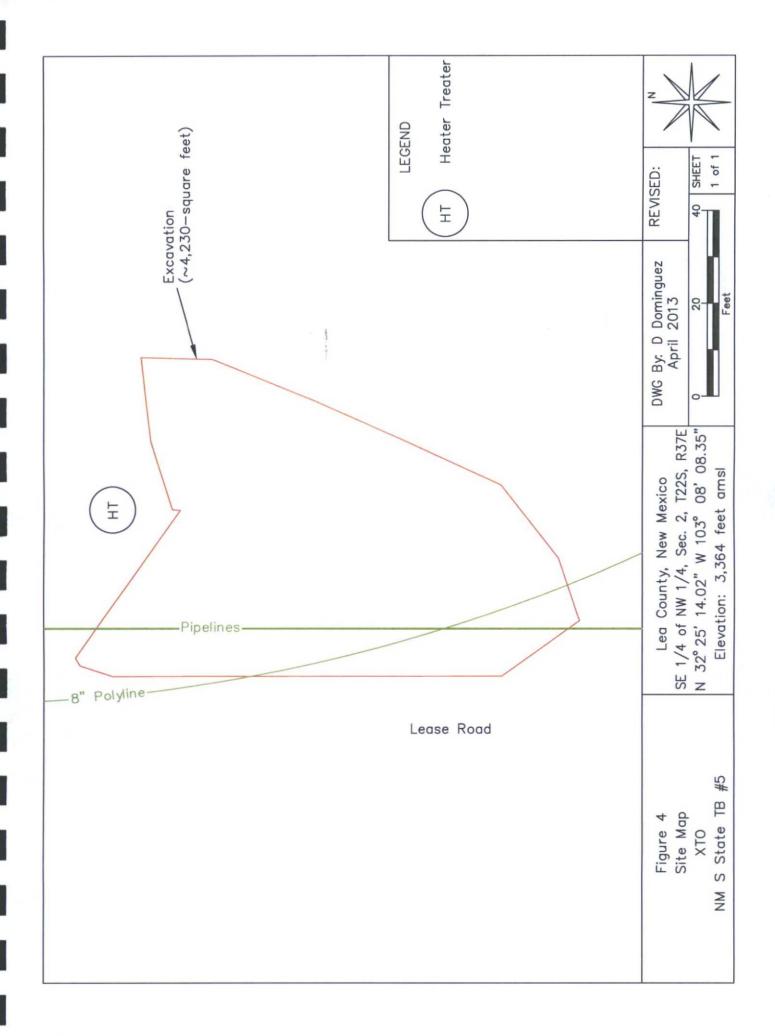
Attachment V – Copy of Initial NMOCD Form C-141 Final NMOCD Form C-141











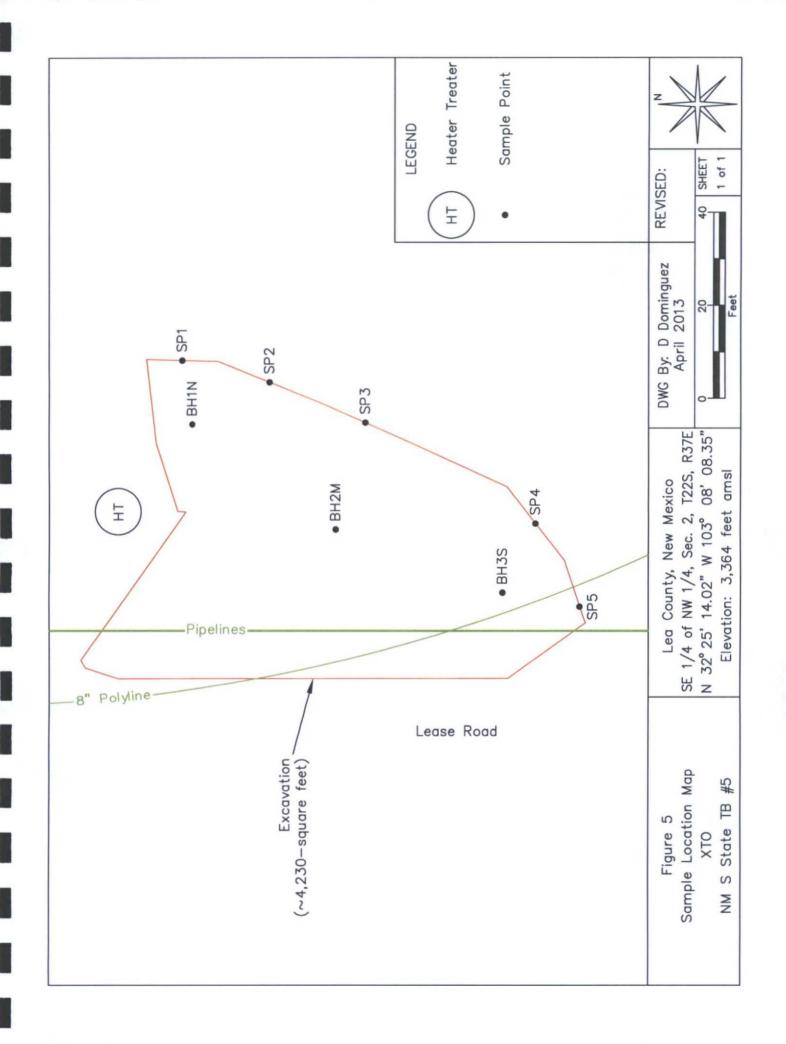




TABLE 1

WELL INFORMATION REPORT*

ExxonMobil - New Mexico "S" State Tank Battery #5 (Ref #190031)

Diversion	Owner	Use	Twsp	Rng	Sec a a a	Latitude	Longitude	Date	Surface	Water Water
			4	9	h h h h		anna Branch	Measured	Elevation	(ft bgs)
TAT	STATE OF NM STATE ENGINEER	EXP	22S	37E	02 333	N32° 24' 48.58"	W103° 08' 30.64"		3,379	
			22S	37E	1 141			14-Mar-68		54.46
			22S	37E	1 443			17-Mar-81		53.81
			22S	37E	1 444			28-Feb-96		54.15
			22S	37E	2 242			17-Mar-81		58.79
			22S	37E	2 442			09-Oct-53		53.3
			22S	37E	2 2 2 2			26-Feb-86		55.12
			22S	37E	3 432			27-Jan-76		32.58
			22S	37E	10 232			27-Jan-76		54.44
			22S	37E	10 132			27-Jan-76		65.59
			22S	37E	10 214			27-Jan-76		41.88
			22S	37E	11 224			26-Apr-91		54.87
			22S	37E	11 231			30-Jun-76		20.51
			22S	37E	12 114			26-Oct-65		57.4
			22S	37E				14-Oct-53		53.26
			22S	37E	12 2 1 2			14-Oct-53		53.82
			22S	37E	12 241			26-Oct-65		54.63
			218	37E	35 224			22-Jan-76		55.77
			215	37E				01-Feb-96		43.68
			218	37E	35 244			23-Jan-76		58.29
			218	37E	35 412			23-Jan-76		57.05
			215	37E	35 422			23-Jan-76		58.97
			218	37E				23-Jan-76		58.76
			218	37E				23-Jan-76		62.44
			215	37E	35 442			23-Jan-76		59.08
			218	37E	35 321			25-Apr-91		54.51
			215	37E				23-Jan-76		59.77
			21S	37E	36 133			23-Jan-76		58.88
			21S	37E	36 233			27-Jan-76		50.07
			215	37E				02-Mar-81		80.09
			215	37E	36 331			02-Mar-81		58.07
			215	37E				09-Dec-70		55.48
			215	37E	36 311			09-Dec-70		63.51
			218	37E				27-Jan-76		62.21
			228	37E	10 321			27-Jan-76		69.54
			22S	37E	10 321			17-Mar-81		66.05
			22S	37E	10 341			15-Feb-96		91.64
			22S	37E	11 322			18-Mar-96		38.97
				of second	Control of the Contro					MANAGEMENT AND PROPERTY AND PRO

Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.mm.us:7001/iWATERS/wr_RegisServlet) and USGS Database.

¹⁸ = Interpolated from USGS Topographical Map A = in acre feet per annum

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

EXP = Exploration

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters) Shaded area indicates wells not shown on Figure 2

TABLE 2

Summary Excavation and Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results Exxon Mobil - New Mexico "S" State Tank Battery #5

NMOCD Ref.; EPI Ref. #190041

UL-F (SE1/4 of the NW1/4) of Section 02, T22S, R37E; Lea County, New Mexicvo

					T	T	T						_					T			
Chloride (mg/Kg)	736	809	512	400	624	384	>16	1,440	1,380	1,140	1,220	1,410	1,440	1,420	864	1,800	1,570	736	;	i	48
Total TPH C6-C35 (mg/Kg)	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	-	1	
Carbon Ranges >C28-C-35 (mg/Kg)	1		*	:	:	1	:	:	:	-	:	-		* *	:	1	:	1	:	:	**
Carbon Ranges >C10-C28 (mg/Kg)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1	:	1
Carbon Ranges C6-C10 (mg/Kg)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	:	1	
Total BTEX (mg/Kg)	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	<0.450	;	:	:
Total Xylenes (mg/Kg)	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	:	1	:
Ethylbenzene (mg/Kg)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	:	1	:
Toluene (mg/Kg)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	3	;	:
Benzene (mg/Kg)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	;	1	:
Field Chloride (mg/Kg)	880	800	720	999	720	480	240	1,280	1,600	1,280	1,280	1,600	1,600	1,360	880	1,.440	1,040	260	280	640	280
PID Reading (ppm)	117	310	320	19.0	15.7	17.4	0.00	18.6	20.5	22.8	18.4	9.8	3.6	3.1	1.7	9.0	0.7	1.8	1.3	0.0	1.1
Sample Date	21-May-10	21-May-05	21-May-05	21-May-10	21-May-10	21-May-10	21-May-10	29-Jul-10	29-Jul-10	29-Jul-10											
Soil Status	In-Situ																				
Depth (feet)	-	2	3	4	5	9	-	-	2	3	4	5	9	7	∞	6	10	11	2	3.5	5
Sample	ST-1	ST-1	ST-1	ST-1	ST-1	ST-1	BG-1	ST-2	ST-3	ST-3	ST-3										

TABLE 2

Summary Excavation and Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results Exxon Mobil - New Mexico "S" State Tank Battery #5

NMOCD Ref.; EPI Ref. #190041

UL-F (SE1/4 of the NW1/4) of Section 02, T22S, R37E; Lea County, New Mexicvo

So	Soil Status	Sample Date Reading (ppm)	PID Reading (ppm)	Field Chloride (mg/Kg)	11-1-1-1-1	Benzene Toluene (mg/Kg) (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges C6-C10 (mg/Kg)	Carbon Ranges >C10-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
	In-Situ	29-Jul-10	0.0	360	:	;	-	:	;	:	1	:	1	96
	In-Situ	29-Jul-10	0.0	800	:	1	-	:	:	1		-	:	1
	In-Situ	25-Jan-11	1	1,600	*	1	:	:	:	a !	1	1	;	1,120
	In-Situ	25-Jan-11	:	460	;	;	:	:	:			į. E	1	592
	In-Situ	25-Jan-11	2	400	:	:	;	:	:		÷	:	:	384
	In-Situ	25-Jan-11	*	09	1	;		1	:		:	1	;	32.0
	In-Situ	25-Jan-11	1	09	:	1	:	;	:		1	1	1	0.96
8.5	NMOCD Remedial Thresholds	holds	100		10				90				100	250
ľ	Pold unline second MMOOD Demodial Threshold Coals	sachold Cools												

Bold values exceed NMOCD Remedial Threshold Goals
--- = Not Analyzed
--- = Not Analyzed
Soil Sample Denic; ST = Sample Trench; BH = Bottom Hole; SW = Sidewall (E = East, W = West, N = North and S = South); SP = Sample Point; SB - Soil Boring

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results TABLE 3

New Mexico "S" State Tank Battery #5 (NMOCD Ref. #1RP-10-4-2489;EPI Ref. #190041)

UL-F (SE1/4 of the NW1/4) of Section 02, T22S, R37E; Lea County, New Mexico

			-	7	7	-	,		 -	_
Chloride (mg/Kg)	<16.0	288	304	176	32.0	256	1,790	224		200
Total Hydrocarbons (C6-C38) (mg/Kg)	:	:	:	:	:	:	:	:		100
Diesel Range Organics (DRO) (>C10-C28) (mg/Kg)	:	;	;	;	:	:	:	:		
Gas Range Organics (GRO) (C6-C10) (mg/Kg)	:	:	;	:	:	;	:	:		
Total BTEX (mg/Kg)	:	:	:	;	:	:	:	:		90
TOTAL Xylenes (mg/Kg)	:	:	:	:	:	:	:	:		
Ethylbenzene (mg/Kg)	;	:	:	:	:	;	:	:		
Toluene (mg/Kg)	:	:	:	:	:	;	:	;		
Benzene (mg/Kg)	1	1	:	:	:	:	:	:		10
Field Chloride Analyses (mg/Kg)	200	240	320	200	80	:	1	:		
PID Field Analysis (ppm)	:	1	-:	1	:	:	1	:		100
Sample Date	22-Feb-13	22-Feb-13	22-Feb-23	22-Feb-13	22-Feb-13	26-Feb-13	26-Feb-13	26-Feb-13		NMOCD Remedial Thresholds
Soil Status	In Situ	In Situ	In Situ		NMOCD Remedial Thresholds					
Depth (feet)	5.5	6.5	9	6.5	5.5	7.0	7.0	7.0		MOCD Ren
Sample 1.D.	SP-1	SP-2	SP-3	SP-4	SP-5	BH-1N (7')	BH-2M (7')	BH-3S (7')		Z

Bold values are in excess of NMOCD Remediation Threshold Goals
-- = Not Analyzed
J = Detected, but below the Reporting Limit. Therefore, result is an estimated concentration (CPL J-Flag BG = Background Soil Boring

ATTACHMENT I
SITE PHOTOGRAPHS



Photograph No. 1 – Lease Sign



Photograph No. 2 – Looking northerly at release area and cleanup effort



Photograph No. 3 – Looking a broken water leg



Photograph No. 4 - Looking southerly at release area and cleanup efforts



Photograph #5 – Looking at intersection of two (2) three-inch steel and 8-inch poly pipelines



Photograph #6 – Looking southerly at two (2) three-inch steel pipelines with pipe supports and compaction of cushion material layer



Photograph #7 – Looking southerly at placement and compaction of cushion material layer for placement on 20-mil Polyethylene reinforced liner



Photograph #8 - Placement of 20-mil Polyethylene reinforced liner



Photograph #9 – Looking northerly at placement of top soil over 20-mil Polyethylene Liner



Photograph #10 – Looking northerly at surface of backfilled area and caliche material around heater treater

ATTACHMENT II

LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY



May 26, 2010

David P. Duncan Environmental Plus, Inc. P.O. Box 1558 Eunice, NM 88231

Re: NM State S State TB (190041)

Enclosed are the results of analyses for sample number H19949, received by the laboratory on 05/21/10 at 3:25 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005 Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.2 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 5 (includes Chain of Custody)

Sincerely,

Celey D. Keene Laboratory Director



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS. INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 05/21/10

Sampling Date: 05/21/10

Reporting Date: 05/26/10 Project Owner: EXXON MOBIL (190041) Sample Type: SOIL

Project Name: NM STATE S STATE TB Project Location: UL-F, SEC. 02, T22S, R37E Sample Condition: COOL & INTACT @ 4.5°C

Sample Received By: JH Analyzed By: AB/ZL/HM

LAB NO.

SAMPLE ID

DRO

GRO

ETHYL TOTAL

CI*

 $(C_6 - C_{10})$ (>C10-C28) BENZENE TOLUENE BENZENE XYLENES (mg/kg) (mg/kg) (mg/kg) (mg/kg) (ma/ka) (ma/ka) (ma/ka) ANALYSIS DATE: 05/25/10 05/25/10 05/24/10 05/24/10 05/24/10 05/24/10 05/24/10 H19949-1 ST-1 (1') <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.300 736 H19949-2 ST-1 (2') <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.300 608 H19949-3 ST-1 (3') <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.300 512 H19949-4 ST-1 (4') <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.300 400

H19949-5 ST-1 (5')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	624
H19949-6 ST-1 (6')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	384
H19949-7 BG-1 (1')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	< 16
H19949-8 ST-2 (1')	<10.0	<10.0	< 0.050	<0.050	<0.050	< 0.300	1,440
H19949-9 ST-2 (2')	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	1,380
Quality Control	478	471	0.018	0.018	0.018	0.054	500
True Value QC	500	500	0.020	0.020	0.020	0.060	500
% Recovery	95.6	94.2	90.0	90.0	90.0	90.0	100
Relative Percent Difference	2.4	0.5	6.8	6.6	7.5	5.3	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-; Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES. , Not accredited for GRO/DRO and Chloride.

Lab Director

05/26/10

H19949 TBCL EPI

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC.

ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 05/21/10

Sampling Date: 05/21/10 Sample Type: SOIL

Reporting Date: 05/26/10

Project Owner: FXXON M

Sample Type: SOIL

Project Owner: EXXON MOBIL (190041)
Project Name: NM STATE S STATE TB

Sample Condition: COOL & INTACT @ 4.5°C

Project Name: NM STATE S STATE 1B
Project Location: UL-F, SEC. 02, T22S, R37E

Sample Received By: JH Analyzed By: AB/ZL/HM

TOTAL GRO DRO ETHYL CI* (>C10-C28) BENZENE TOLUENE BENZENE XYLENES $(C_6 - C_{10})$ LAB NO. SAMPLE ID (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DA	TE:	05/25/10	05/25/10	05/25/10	05/25/10	05/25/10	05/25/10	05/24/10
H19949-10	ST-2 (3')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,140
H19949-11	ST-2 (4')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,220
H19949-12	ST-2 (5')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,410
H19949-13	ST-2 (6')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,440
H19949-14	ST-2 (7)	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,420
H19949-15	ST-2 (8')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	864
H19949-16	ST-2 (9')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,800
H19949-17	ST-2 (10')	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.300	1,570
H19949-18	ST-2 (11')	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	736
Quality Contro	1	478	471	0.017	0.019	0.017	0.051	500
True Value QC		500	500	0.020	0.020	0.020	0.060	500
% Recovery		95.6	94.2	85.0	95.0	85.0	85.0	100
Relative Perce	ent Difference	2.4	0.5	<1.0	4.6	3.7	2.8	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Director

Date

25/26/10

H19949 TBCL EPI

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Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB: Cardinal

(5/5) 384-3487 FAX: (5/5) 384-2607	(5/5) 384-2601								1														
Company Name	Environmental Plus, Inc.	intal Plus	ř,	.:		-		1			3	Bill To	To				AN	ANALYSIS REQUES	SIS	RE	S	ST	
EPI Project Manager	David P. Du	uncan				1									Г	\vdash	\vdash	H	\vdash	H	H	L	
Mailing Address	P.O. BOX 1558	558				Г						Alle Marie				_	_	_	_	_	_		
City, State, Zip	Eunice New Mexico 8823	w Mexico	882	31		Г						H.					_	_	_	_	_	_	
EPI Phone#/Fax#	575-394-3481 / 575-394-26	81/575-3	394	2601	L	Г				100		2	曲					_	_	-			
Client Company	ExxonMobil					Г						E				_	_	_		_	_		
Facility Name	NM State S State TB	State TE	m			Г						5				_	_	_	-	_	_	_	
Location	UL-F, Sec. 02, T22S, R37E	02, T22S,	, R3	7E					A.	th:	Day	Di/	Attn: David P. Duncan				_	_	_		_	_	
Project Reference	190041									ш	0	â	P.O. Box 1558				_	_	_		_		
EPI Sampler Name	Kirt Tyree									E	nice	Ž	Eunice, NM 88231				_	_	_		_	_	
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3 3 8 1-1 (3")	(3.)		Ø	-		F	L	-	-	L	×		21-May-10	9:00	×	×	×	H	╀	\vdash	╀	L	E
U 4 ST-1 (4")	(4')		Ø	-	П	H	×	Н	Ц	Ц	×		21-May-10	9:40	×	×	×	Н	Н	Н	Н	Н	Н
S 5 ST-1 (5")	(5)		Ø	-		H	Ļ	H	Ц	Ц	×		21-May-10	9:45	×	×	×	Н	Н	Н	Н	Н	
(o 6 ST-1 (6")	(e,)		Ø	-	П	H	×	Н	Ц	Ц	×		21-May-10	9:50	×	×	×	Н	Н	Н	Н	Н	
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& 8 ST-2 (1')	(1)		Ø	-	П	H	_	Н	Ц	Ц	×		21-May-10	10:22	×	×	×	Н	Н	Н	Н	Ц	
9 9 87-2 (2")	(2)		Ø	-			×				×		21-May-10	10:24	×	×	×	Н	Н	Н	Н	Ц	
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Delivered by:	4.90	Sample Colol & In	100	& Intact No	700			经	d By:														
				4	1	10	3																

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Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

ice, NM 88231

Chain of Custody Form

LAB: Cardinal

Company Name	Environmental Plus, Inc	, Inc.					1			Bill To	To	N. Spiller			AN	ANALYSIS REQUEST	SIS	REC	SUE	ST	Phillips The state of the state
EPI Project Manager															H	H	H	L			
Mailing Address	P.O. BOX 1558									127					_	_	_	_			_
City, State, Zip	Eunice New Mexico 882	88231			-											_		_			
EPI Phone#/Fax#	575-394-3481 / 575-394-2		601						THE STATE OF	2					_		_				
Client Company	ExxonMobil									E						_	_	_			
Facility Name	NM State S State TB	_								den. Held A						-	_	_			
Location	UL-F, Sec. 02, T22S	, R37E						Att	Da	Vid	Attn: David P. Duncan				_	_	_	_			
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H19949- 11	11 ST-2(4")	-	H	L	×		-	-	×	-	21-May-10	10:27	×	×	-	-	H	-	L		
- 12	12 ST-2 (5')	9	H		×			H	×		21-May-10	10:28	×	×	×		Н	H			
- 13	13 ST-2 (6')	9	Н	Ц	×	П	H	H	×		21-May-10	10:30	×	×	×	H	Н	H	Ц		
- 14	14 ST-2 (7)	9	Н	Ц	×	П	H	Н	×		21-May-10	11:25	×	×	×	Н	Н	Н	Ц		
15	15 ST-2 (8')	S	Н		×			H	×		21-May-10	11:27	×	×	×		Н	L	Ц		
- 16	16 ST-2 (9')	S S	Н		×	П	H	H	×		21-May-10	11:30	×	×	×	Н	Н	Н	Ц		
- 17	- 17 ST-2 (10')	O T	Н	Ц	×		H	Н	×		21-May-10	11:50	×	×	×	Н	Н	Н	Ц		
-18	-18 ST-2 (11')	G 1	Н	Ц	×	П	H	Н	×		21-May-10	12:45	×	×	×	H	Н	Н	Ц		
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Delivered by:	4.5° Sample	Sample Clot & I	S intact No			Q O	N	5	_												
				11	N	0															



August 4, 2010

David P. Duncan Environmental Plus, Inc. P.O. Box 1558 Eunice, NM 88231

Re: NM State S State TB (190041)

Enclosed are the results of analyses for sample number H20457, received by the laboratory on 07/30/10 at 2:45 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely.

Celey D. Reene

Laboratory Director



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 07/30/10 Reporting Date: 07/30/10

Project Owner: EXXONMOBIL (190041)
Project Name: NM STATE S STATE TB

Project Location: UL-F, SEC.02, T22S, R37E

Analysis Date: 07/30/10 Sampling Date: 07/29/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 0°C

Sample Received By: AB

Analyzed By: HM

LAB NUMBER	SAMPLE ID	CI ⁻ (mg/kg)
H20457-1	ST-3 (5')	48
H20457-2	ST-3 (7')	96
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percen	nt Difference	< 0.1

METHOD: Standard Methods 4500-CI'B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H20457 EPI

Chain of Custody Form

LAB: Cardinal

Environmental Plus, Inc.

P.O. Box 1558, 2100 Avenue "O", Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

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Name	Phone#/Fax#	575-394-	3481 / 575-3	94-2	601								The same						-	-	-			
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January 27, 2011

David P. Duncan

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: NM STATE S STATE TB

Enclosed are the results of analyses for samples received by the laboratory on 01/26/11 8:50.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Celey D. Keine



Analytical Results For:

Environmental Plus, Inc. David P. Duncan P.O. Box 1558 Eunice NM, 88231

Fax To:

(505) 394-2601

Received:

01/26/2011

Reported:

01/27/2011

Project Name:

NM STATE S STATE TB

Project Number:

Project Location:

190041

UL-F, SEC. 02, T22S, R37E

Sampling Date:

01/25/2011

Soil

Sampling Type: Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SB - 1 (5') (H100177-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: LR

Analyte

Analyte

Analyte

Analyte

Analyte

Result 1120 Reporting Limit 16.0

Reporting Limit

Analyzed 01/27/2011 Method Blank ND

BS 432

108

% Recovery

True Value QC 400

RPD 0.00 Qualifier

Sample ID: SB - 1 (10') (H100177-02)

Chloride, SM4500Cl-B

Analyzed By: LR

Method Blank

% Recovery

Qualifier

Chloride

Chloride

592

Result

16.0 01/26/2011 ND

BS 432

108

True Value QC 400

RPD 0.00

Sample ID: SB - 1 (15') (H100177-03)

Chloride, SM4500Cl-B

Analyzed By: LR Analyzed

Analyzed

Method Blank

BS

% Recovery

True Value OC

RPD

Oualifier

Chloride

Result 384

Result

Reporting Limit 16.0

Reporting Limit

01/26/2011

Analyzed

ND

432

108

400

0.00

Sample ID: SB - 1 (20') (H100177-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: LR

Method Blank

RS

% Recovery

True Value QC

RPD

Qualifier

Chloride

16.0 32.0

01/26/2011

432

108

400

Qualifier

Sample ID: SB - 1 (25') (H100177-05)

Chloride, SM4500CI-B

mg/kg

Result

96.0

Analyzed By: LR

ND

0.00

Chloride

Reporting Limit 16.0

Analyzed 01/26/2011 Method Blank ND

BS 432 % Recovery 108

True Value QC 400

RPD

0.00

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celuy D. Keine

Chain of Custody Form

LAB:

Environmental Plus, Inc.

2100 Avenue "O", P.o. Box 1558, Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

ANALYSIS REQUEST HA9 OTHER >>> TCLP Hd SULFATES (SO.") E-mail results to: dduncenepl@gmafl.com and снговірег (сі.) ×× × M3108 H9T BTEX 8021B 10:40 11:00 10:50 11:07 SAMPLING 25-Jan-11 25-Jan-11 25-Jan-11 25-Jan-11 25-Jan-11 Attn: David P. Duncan Eunice, NM 88231 P.O. Box 1558 PRESERV. **STHER** XXX × ICE/COOF ACID/BASE :A3HTO STUDGE MATRIX CENDE OIL XXX TIOS × **MASTEWATER GROUND WATER** 575-394-3481 / 575-394-2601 UL-F, Sec. 02, T22S, R37E # CONTAINERS Eunice New Mexico 88231 Environmental Plus, Inc. 9 9 9 9 G (G)RAB OR (C)OMP. NM State S State TB 1/26/2011 David P. Duncan Kirby Bingham P.O. BOX 1558 SAMPLE I.D. ExxonMobil 190041 SB-1 (10") SB-1 (15") SB-1 (20") SB-1 (25") SB-1 (5") EPI Project Manager EPI Sampler Name Project Reference EPI Phone#/Fax# Mailing Address Company Name Client Company City, State, Zip 7 Facility Name impler Refinquished: HIDDIT-I LABI.D. ocation

Sample Cool & Infact
Yes No

1126/2011 18:50

selley.g.tenninghan@exxonmob@.ucia

Page 4 of 4



February 25, 2013

David P. Duncan

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: NM "S" STATE TB #5

Enclosed are the results of analyses for samples received by the laboratory on 02/25/13 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Environmental Plus, Inc. David P. Duncan P.O. Box 1558 Eunice NM, 88231

Fax To:

(505) 394-2601

Received:

02/25/2013

Reported:

02/25/2013

Project Name:

NM "S" STATE TB #5

Project Number:

190041

Project Location:

Analyte

Analyte

UL-F, SEC. 02, T22S, R37E

Sampling Date:

02/22/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP - 1 (5.5') (H300491-01)

Chloride, SM4500CI-B

Analyzed By: DW

Analyzed

02/25/2013

Analyzed

02/25/2013

Method Blank

BS % Recovery True Value QC

RPD

Qualifier

Chloride

Chloride

Chloride

Chloride

Result <16.0

16.0

Reporting Limit

Reporting Limit

16.0

16.0

Reporting Limit

16.0

ND

416

104

400

3.77

Sample ID: SP - 2 (6.5') (H300491-02)

Chloride, SM4500CI-B

Result

288

Analyzed By: DW

Method Blank

BS % Recovery

104

True Value QC

400

RPD

3.77

Qualifier

Sample ID: SP - 3 (6') (H300491-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: DW

Analyte

Result 304

Reporting Limit

Analyzed 02/25/2013

Analyzed

02/25/2013

Method Blank ND

ND

BS 416

416

% Recovery 104

True Value OC 400

RPD

Oualifier

3.77

Sample ID: SP - 4 (6.5') (H300491-04)

Chloride, SM4500CI-B

Analyte

mg/kg

Result

176

Analyzed By: DW

Method Blank

ND

416

% Recovery 104

True Value QC 400

RPD 3.77

Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Environmental Plus, Inc. David P. Duncan P.O. Box 1558 Eunice NM, 88231

Fax To:

(505) 394-2601

Received: Reported: 02/25/2013

02/25/2013

Project Name:

NM "S" STATE TB #5

Project Number:

190041

Project Location:

UL-F, SEC. 02, T22S, R37E

Sampling Date:

02/22/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP - 5 (7.5') (H300491-05)

Chloride, SM4500CI-B

Analyzed By: DW

Analyte

Result

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

Qualifier

Chloride

32.0

Reporting Limit 16.0

02/25/2013

ND

416

104

400

3.77

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 5



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keens

Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

88231

Chain of Custody Form

LAB:

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NM "S" State TB #5 P.O. Box 1558	Client Company	XTO							2	100	Ave	"O" anne			-		-		-			
190041	Facility Name	NM "S" State TB #5								P.O.	B.	ox 1558			-	-	-	_	-			-
190041 David Robinson MATRIX MASTEWATER MASTEWAT	Location	UL-F, Sec. 02, T22S	, R3	7E		_		ш	nic	e, N	ew	Mexico 88231		_	-		-	-				_
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Sample Cod & Intact Checkes By:	Relinquished by:	02257	Hege S	Ned By	(lab	staff)	E.		B	1		RUSHO	RDER REC	SUES	TED	E-H	ail res	ufts to	Davi	d P.	Juncan	at
STANSFORM STANSFORM	Dulivered by:	Samp	lo Cool	& Intac	-	-	Q.	Palyon	By:	T	CACING											
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March 04, 2013

David P. Duncan

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: NM "S" STATE TB #5

Enclosed are the results of analyses for samples received by the laboratory on 02/27/13 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Environmental Plus, Inc. David P. Duncan P.O. Box 1558 Eunice NM, 88231

(505) 394-2601 Fax To:

Received:

02/27/2013

Reported:

03/04/2013

Project Name:

NM "S" STATE TB #5

Project Number:

190041

Project Location:

Analyte

Analyte

UL-F, SEC. 02, T22S, R37E

Sampling Date:

02/26/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: BH - 1 (7') N (H300516-01)

Chloride, SM4500CI-B

Analyzed By: DW

Method Blank

% Recovery

True Value QC

400

RPD

Qualifier

Chloride

Chloride

Result 256

Result

1790

16.0 03/04/2013

Analyzed

Analyzed

03/04/2013

Reporting Limit

Reporting Limit

16.0

ND

416

104

400

3.77

Sample ID: BH - 2 (7') M (H300516-02)

Chloride, SM4500CI-B

Analyzed By: DW

Method Blank

ND

BS

416

% Recovery True Value QC

104

RPD

3.77

Qualifier

Sample ID: BH - 3 (7') S (H300516-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: DW

Analyte Result Reporting Limit Chloride 224 16.0

Analyzed 03/04/2013 Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD 3.77

Qualifier

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for neoligence and unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. including, without limitation, business interruptions, loss of use, or loss of profits incurred by Clertin, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB:

Company Name	Environmental Dire Inc	la la	1	-	-	NATIONAL PARTY	THE PROPERTY OF	-	Do	4i cu	10	Domit Invoice To:	The same of the sa			ANI	ANIAI Veie DEOLIEET	010	DE	1	TO	
FDI Project Manager	David D Dungan				+		-		2					r	r	1	1	2	2	\$		F
Mailing Address	P.O. BOX 1558				T									termen	-		-	Mary description				-
City, State, Zip	Eunice New Mexico 8823	3882	31		Т			En	viro	nm	ent	Environmental Plus, Inc.		_			-	-	-	er/resulted		
EPI Phone#/Fax#	575-394-3481 / 575-394-2601	394	260		T			A	ttu:	Day	/id	Attn: David P. Duncan		-		-		_	Separa	ecessors.	(Company)	
Client Company	XTO			Merceland	T				21	00 A	Ve	2100 Avenue "O"		PER 1993		erour man	(Series)	-	-	-		-
Facility Name	NM "S" State TB #5		-	Name and Address of the Owner, where	Т				Ф	0	Bo	P.O. Box 1558			-	n-maltode	_	-	-	-		
Location	UL-F, Sec. 02, T22S,	S, R37	7E	-	T			Eun	ice,	Ne	3	Eunice, New Mexico 88231			-	Taxable P	-	-	-	ura busco		
Project Reference	190041	de farfarente	-	-	Г									-	-	METANO	-		-	resulting to		BATTONE
EPI Sampler Name	Eddie Gaytan		-		T										-			-	-			-
		-			N	MATRIX	×		PR	PRESERV.	Z.	SAMPLING	NG		-	e di la constanti	manne		-	-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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Sampler Relipquished:	02/26/13	Rece	Received By:	N.						H-H	lail	E-mail results to: Search	ansol@an	gmet, com	8							
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Page 4 of 4

ATTACHMENT III SAMPLE TRENCH LOGS (FM & OL Forms)

|--|

Environmental Plus, Inc. P.O. Box 1558 2100 Avenue O Eunice, NM 88231 (575) 394-3481 (575) 394-2601 (fax)

FIELD MEASUREMENT/OBSERVATION LOG

											_												_				 _
	R: EPI #190041			SOIL DESCRIPTION	Clay/Sand	Clay/Sand	Clay/Sand	Clay/Sand	Caliche	Caliche	Sand	Clay/Sand	Caliche	Caliche	Caliche		WEATHER	Temp. Msc									
	PROJECT NUMBER: EPI #190041	DATE: 5-21-10		mg/Kg	088	800	720	999	720	480	240	1,280	1,600	1,280	1,280	1,600	1,600	1,360	088	1,440	1,040	999		182	Time		
			INALYSIS	Titration Tube Reading	44 x 20 =	40 x 20 =	36 x 20 =	28 x 20 =	36 x 20 =	24 x 20 =	12 x 20 =	64 x 20 =	80 x 20 =	64 x 20 =	64 x 20 =	80 x 20 =	80 x 20 =	68 x 20 =	44 x 20 =	72 x 20 =	52 x 20 =	28 x 20 =	x 20 =		Span Gas		
	PROJECT NAME: New Mexico "S" State TB #5		CHLORIDE ANALYSIS	Titr	40 ml H2O 4	40 ml H2O	40 ml H2O			40 ml H2O		40 ml H2O		40 ml H2O	40 ml H2O		Air										
	T NAME: Nev	ree			2 gms of soil		Fresh Air																				
	PROJEC #5	LD TECHNICIAN: Kurt Tyree		PID READING (PPM)	117	310	320	19.0	15.7	17.4	0.0	18.6	20.5	22.8	18.4	8.6	3.6	3.1	1.7	9.0	0.7	1.8		ATION	Time		
	COMPANY: ExxonMobil Corp.	FIELD TE		PID ANALYSIS TIME	9:02	9:15	9:30	10:00	10:05	10:10	10:20	10:55	11:00	11:05	11:10	11:15	11:20	11:40	11:42	11:45	12:10	13:00		PID CALIBRATION	Span Gas		
ue O 88231		ncan		COLLECTION TIME	8:50	8:55	00:6	9:40	9:45	9:50	10:15	10:22	10:24	10:26	10:27	10:28	10:30	11:25	11:27	11:30	11:50	12:45			Fresh Air		
Eunice, NM 88231	(575) 394-3481 (575) 394-2601 (fax)	ER: David Du	SAMPLE	0	1	2	3	4	5	9	1	1	2	3	4	5	9	7	8	6	10	11					
一一一一		PROJECT MANAGER: David Duncan		SAMPLE ID	ST-1	ST-1	ST-1	ST-1	ST-1	ST-1	BG-1	ST-2			Time												

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A	M	V

Environmental Plus, Inc. P.O. Box 1558 2100 Avenue O Eunice, NM 88231 (575) 394-3481 (575) 394-2601 (fax)

FIELD MEASUREMENT/OBSERVATION LOG

The state of the s	Eunice, NM 88231	W 88231										
F	(575) 394-3481 (575) 394-2601 (fax)		COMPANY: ExxonMobil Corp.		PROJECT NAME: New Mexico "S" State TB #5	w Mexico "	S" State		PROJECT	PROJECT NUMBER: EPI #190041	EPI #190041	
PROJECT MANAGER: David Duncan	ER: David D	uncan	FIELD TE	FIELD TECHNICIAN: Danny Deaton	Deaton				DATE: 7-29-10	9-10		
	CAMBIE					CHLORII	CHLORIDE ANALYSIS	SIS				
SAMPLE ID	DEPTH (FT)	COLLECTION TIME	PID ANALYSIS TIME	PID READING (PPM)			Titration Tube Reading		mg/Kg	IOS	SOIL DESCRIPTION	z
ST-3	2	11:15	11:25	1.3	2 gms of soil	40 ml H2O	28	x 20 =	260		Clay/Sand	
ST-3	3.5	10:30	10:35	0.0	2 gms of soil	40 ml H2O	32	x 20 =	640		Clay/Sand	
ST-3	5	10:00	10:05	1.1	2 gms of soil	40 ml H2O	14	x 20 =	280		Clay/Sand	
ST-3	7	12:15	12:20	0.0	2 gms of soil	40 ml H2O	18	x 20 =	360		Clay/Sand	
ST-3	10	10:20	10:30	0.0	2 gms of soil	40 ml H2O	40	x 20 =	800		Clay/Sand	
					2 gms of soil	40 ml H2O		x 20 =				
					2 gms of soil	40 ml H2O		x 20 =				
				*	2 gms of soil	40 ml H2O		x 20 =				
					2 gms of soil	40 ml H2O		x 20 =				
					2 gms of soil	40 ml H2O		x 20 =				
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					2 gms of soil	40 ml H2O		x 20 =				
					2 gms of soil	40 ml H2O		x 20 =				
					2 gms of soil	40 ml H2O		x 20 =				
			PID CALIBRATION	MATION							WEATHER	
Time		Fresh Air	Span Gas	Time	Fresh Air	Air		Span Gas	15	Time	Temp. Mise	

ATTACHMENT IV

WELL RECORD AND LOG OFFICE OF THE STATE ENGINEER



LOCATION

z	POD NUMBER		UMBER) S STATE TANK	BATTERVS	R_1				OSE FILE NUT	MBER(S)			
VIIO	WELL OWNER			BATTERTS	0-1				PHONE (OPT)	ONAL)			
COC	EXXON/M	121											
I. GENERAL AND WELL LOCATION	6810 NW		O ADDRESS						ANDREW	/S	TX	79	714 9714
NA.	WELL	1		EGREES 32	MINUT	ES 25	SECON 13	3.00 N	* ACCURACY	REQUIRED ONE TE	NTH OF A SE	COND	
ERAI	(FROM GPS)	1	NGTUDE	103		8		.00 W	* DATUM RE	QUIRED: WGS 84			
I. GEN	The second second		NG WELL LOCATION TO DRINKARD RD	and the second second second	S AND C	OMMON	LANDM	ARKS					
	(2.5 ACRE)		(10 ACRE)	(40 ACRE)	(1	60 ACRE)	SECTION		TOWNSHIP	NORTH	RANGE	D 8,007
AL	1/4		3/4	1/4		1/4					SERTER		MENT
2. OPTIONAL	SUBDIVISION	NAME						LOT NUM	HER	BLOCK NUMBER		UNIT/TRA	CT
2.08	HYDROGRAPI	HIC SURV	EY							MAP NUMBER		TRACT N	UMBER
	LICENSE NUM WD14		NAME OF LICENSE							NAME OF WELL DE			
E V	DRILLING STA	ARTED	DRILLING ENDED	DEPTH OF COMP	LETED V	VELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FI	RST ENCOUN	TERED (FT)	
NO	1-25-	11	1-25-11		0				25		N/A		
3. DRILLING INFORMATION	COMPLETED	WELL IS:	ARTESIAN	P DRY HOLE		SHALLOW	V (UNCO	NFINED)		STATIC WATER LE	N/A		LL (FT)
(FO)	DRILLING FLA	JD.	✓ AIR	MUD		ADDITIVE	ES - SPEC	TFY:					
GE	DRILLING ME	THOD:	✓ ROTARY	HAMMER		CABLETO	OOL	OTHE	R - SPECIFY				
TER	DEPTH ((FT)	BORE HOLE	9.15	ASING			4.000	NECTION	INSIDE DIA.	A CONTRACTOR OF THE PARTY OF TH	G WALL	SLOT
DRI	FROM	TO	DIA. (IN)		TERIA	L			(CASING)	CASING (IN)		VESS (IN)	SIZE (IN)
6	0	25	6		N/A		_		N/A	N/A	P	I/A	N/A
1	- 1												
	DEPTH ((FT)	THICKNESS	FO	RMAT	ION DE	SCRIPT	TON OF P	RINCIPAL W	ATER-BEARING S	TRATA		YIELD
ATA	FROM	TO	(FT)		(INCL	UDE W	ATER-E	BEARING	CAVITIES O	R FRACTURE ZO?	NES)		(GPM)
STRATA	10												
C		_					_						
SAR													
R BI												17 14	
4. WATER BEARIN	METHOD USE	D TO EST	IMATE YIELD OF WAT	ER-BEARING STRAT	ГА					TOTAL ESTIMATE	WELL YIEL	D (GPM)	
	FOR OSE IN		L USE			DOP 22	TO OPE	9		TRN NUMBE		(Version 6	/9/08)
	FILE NUME	SEK.			- 1	POD N	UMBE	K.		LIKN NUMBE	SIK.		

PAGE 1 OF 2

_	TYPE OF	PUMP:	SUBMER		□ JET	☐ NO PUMP – WELL NOT EQUIPPED			
NA.			TURBIN		CYLINDER	OTHER - SPECIFY:	_	_	
SEAL AND PUMP	ANNI	II AR	FROM	TO TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	(CUBIC FT)		OD OF MENT
ZY.	SEAL	AND	0	2	5	1 BAG OF CEMENT		TOPL	OAD
5. SI	GRAVE	L PACK	2	25	5	8 BAGS OF 3/8 PLUG		TOPL	OAD
_	DEPTI	H (FT)	THICK	NESS		OLOR AND TYPE OF MATERIAL ENCOUN	TERED	WA	TER
	FROM	то	(FI	ŋ	(INCLU	DE WATER-BEARING CAVITIES OR FRACT	TURE ZONES)	BEAR	UNG?
	0	8	8	1		TAN RED SILTY CLAY & SANI	D	☐ YES	☑ NO
	8	9	1			TAN SILTY CLAY		☐ YES	☑ NO
	9	13	4			SOFT CALICHE		☐ YES	☑ NO
	13	17	4			TAN RED SILTY SAND & CLA	Υ	☐ YES	☑ NO
H	17	25	8		1	AN SILTY SAND & SOFT SANDS	TONE	☐ YES	☑ NO
GEOLOGIC LOG OF WELL	TD	25						YES	□ NO
OF								☐ YES	□ NO
100								YES	□ NO
CIC								☐ YES	□ NO
100								☐ YES	□ N
GEO								☐ YES	□ NO
9								☐ YES	□ NO
								☐ YES	□ NO
								YES	□ NO
								☐ YES	□ NO
	_							☐ YES	□ NO
								☐ YES	□ NO
			ATTACH	ADDITIO?	NAL PAGES AS NEI	EDED TO FULLY DESCRIBE THE GEOLOGI	C LOG OF THE WELL		
0		-	METHOD:	BAIL	ER PUMP	☐ AIR LIFT ☐ OTHER - SPECIFY:			
IT IN	WELL	TEST				ATA COLLECTED DURING WELL TESTING ND DRAWDOWN OVER THE TESTING PER		TIME, END T	ME,
ON	ADDITION	AL STATES	MENTS OR EXPL	ANATIONS		The state of the s			
7. TEST & ADDITIONAL INFO	SOIL B	ORING	ONLY- SO	IL BORIN	NG WAS PLUGO	GED AND ABANDONED UPON CO	OMPLETION OF S	AMPLING	
8. SIGNATURE	CORREC	T RECOR	D OF THE AB	OVE DESC	RIBED HOLE AND	TOF HIS OR HER KNOWLEDGE AND BELL THAT HE OR SHE WILL FILE THIS WELL R N OF WELL DRILLING: 2-10-11			
			SIGNATUR	e or onn	i en	DATE			

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER *
LOCATION		PAGE 2 OF 2

ATTACHMENT V COPY OF INITIAL NMOCD FORM C-141 FINAL NMOCD FORM C-141

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> Bill S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505

Submit I Copy to appropriate District Office in accordance with 19.15.29 NMAC.

					-	, 1111 010							_
			Rele	ease Notific	ation	and Co	rrective A	ction	1				
						OPERA'	ГOR		Initi	al Report	\boxtimes	Final Repo	ort
Name of Co						Contact Guy							
), Eunice, Ne					No. (575) 394-2		fice)				
Facility Nar	ne New M	fexico "S" Si	tate Tank	Battery #5		Facility Typ	e Active Tank	Battery					
Surface Ow	ner State	of New Mexi	со	Mineral C	wner S	State of New	Mexico		API No),			
				LOCA	TIO	OF RE	LEASE						
Unit Letter F	Section 02	Township 17S	Range 35E	Feet from the		South Line	Feet from the	East/V	Vest Line	County			
<u> </u>	,	Latitude_	N32°_25	' 13.53"		_ Longitud	e 103° 08' 08.0	7"					
				NAT	URE	OF REL	EASE						
Type of Rele	ase Combin	nation oil and	produced	water		Volume of produced v	Release 78.4 oil/ vater	8.7	Volume I produced	Recovered 7:	5 bbls o	oil/8.3-bbls	
Source of Re	lease Broke	en water leg or	Heater T	reater		Date and H 20-10 @ 8	lour of Occurrence :00 AM	e 3-	Date and 8:00 AM	Hour of Dis	сочегу	3/20/10 @	
Was Immedia	ate Notice (Yes [No Not Re	quired		Whom? E. L. Go	onzales					
By Whom? S	helby Penn	ington (Exxor	Mobil Co	rp.)		Date and H	lour 3-20-10 @ 1	4:30					
Was a Water	course Read		Yes 🛛	No		If YES, Vo	olume Impacting t	he Wate	ercourse.				
If a Watercou	irse was Im	pacted, Descr											\dashv
		passes, 2 see.											
volumes of o trucks picked transported st of Environme presented to to Describe Are was delineate release area v activities; fro transported to material was yards (includ release area; I hereby certi regulations al public health should their of or the environ	il/produced up 75-bbls tiffened marental Plus, I the NMOCl a Affected of via soil by the subject of the subject	water; vacuum s of petroleum terial to Sunda fnc., (EPI) to O D on 4-29-11 and Cleanup A coring and dete excavated to de to 2-25-13 EP Services for d the excavation material); the remedial activi- information gi- are required to ronment. The	n trucks p products a ance Service PS, photo Action Take crimined vectormine n I excavate disposal; on bottom; surface w ty is discinven above oreport an acceptance dequately occ accep	a Taken.* A water lus a roust-a-bout and 8.3-bbls of process for disposal; cograph, delineate references area limit of impumber and sizes of ±1,626 cubic yan 2-28-13 a 20-mi remainder of excayas contoured to program deep drill si true and compiled/or file certain references of a C-141 repositives for a C-141 repositives of a C-141 repositives	was de acted mof buried ards of in l reinfort avation was de le control avation was de le contro	rived at the rewater; roust-ad fluids cover and prese lineated via Staterial was la pipelines; or mpacted material was backfilled vater pooling, of disturbed a le best of my otifications are NMOCD me e contaminati	elease site and im thout crew blendered a release area and a Site Remedia ample Trenches of 5-feet below groun 2-18-13 EPI mo arial from the excellene liner sandwid with clean top so wind/water erosi area with a seed b knowledge and u and perform correct arked as "Final R on that pose a through	mediate ed clean of ±5,30 ation Production 5-21- und surfibilized to avation (ched betoil with on and plend approductive active	ly started consolid with a consolid with a consolid with a consolid was a consolid with a consolid was a communicated by the consolid was a c	lean up activities in process in	vities; vd mater tained the deposit of the same of the	lease area of 3-7-11 ediation depth) and shion from the less and danger diability man health	
Signature:	Du	year	ندر				OIL CON	SERV	ATION	DIVISIO	N		
Printed Name	: Guy Pear	ce			4	Approved by	Environmental Sp	pecialist	:				
Title: Product	tion Forema	an			1	Approval Dat	e:	I	Expiration	Date:			
		arce@xtoener				Conditions of	Approval:			Attached			
Date: 4-23-13	1		D	hone: (575) 304-2	080					1			- 1

LETTER OF **TRANSMITTAL**



Date:

25 April 2013

To:

Geoffrey Leking

Company Name:

New Mexico Oil Conservation Division

Address:

1625 North French Drive

City / State / Zip:

Hobbs, New Mexico 88240

From:

David P. Duncan

CC:

Ben Sturgill, NMSLO - Hobbs NM

Steven Ikeda, NMSLO - Santa Fe, NM

Guy Pearce, XTO - Eunice, NM

Project #: Project Name:

190041

New Mexico "S" State Tank Battery #5

Subject:

Remediation Closure Report

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	1	New Mexico "S" State Tank Battery #5 – Remediation Closure Report

Remarks

Dear Mr. Leking

Enclosed for information and record is Remediation Closure Report for the above referenced Site.

Should you have questions, concerns or need additional technical information, please contact me at (575) 394-3481 (office), (575) 441-7802 (cellular) or via e-mail at dduncanepi@gmail.com.

Sincerely,

David P. Duncan Civil Engineer **EPI Project Manager**

> P. O. Box 1558 Eunice, NM 88240 (505) 394-3481 Fax: (505) 394-2601

