Remediation Plan

Prepared for
Oxy USA

Nagooltee Peak 5 Fed #3
Eddy County, NM

RP# _____

Prepared by
Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company OXY USA	Contact Kelton Beaird
Address 1502 W. Commerce Carlsbad, NM 88220	Telephone No. (O) 575-628-4100
Facility Name Nagooltee peak 5-3	Facility Type Satellite

Surface Owner BLM	Mineral Owner BLM	Lease No. 3001529900

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	5	22S	24E					EDDY

Latitude_____ **Longitude**_____

NATURE OF RELEASE

Type of Release Crude Oil & Produced Water	Volume of Release 10 bbls oil/ 30 bbls water	Volume Recovered 5
Source of Release Bypass line	Date and Hour of Occurrence	Date and Hour of Discovery 1-9-10 1:00pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher-NMOCD	
By Whom? Kelton Beaird - HES Specialist - Oxy	Date and Hour See above	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Victaulic clamp broke

Describe Area Affected and Cleanup Action Taken.*
Affected area was on location. Ranking Criteria for this location is 0 points. Depth to groundwater is >100' bgs. Oxy proposes to remove 3 feet @ TP1, 2 feet @ TP2, 4 feet @ TP3, and 2 feet @ TP5. If impenetrable rock is encountered during the process of the excavation then that will be the final depth. If this occurs then samples will be taken to show concentration levels. Clean native soil will be backfilled into the excavation. A final report will be submitted at the completion of the project.

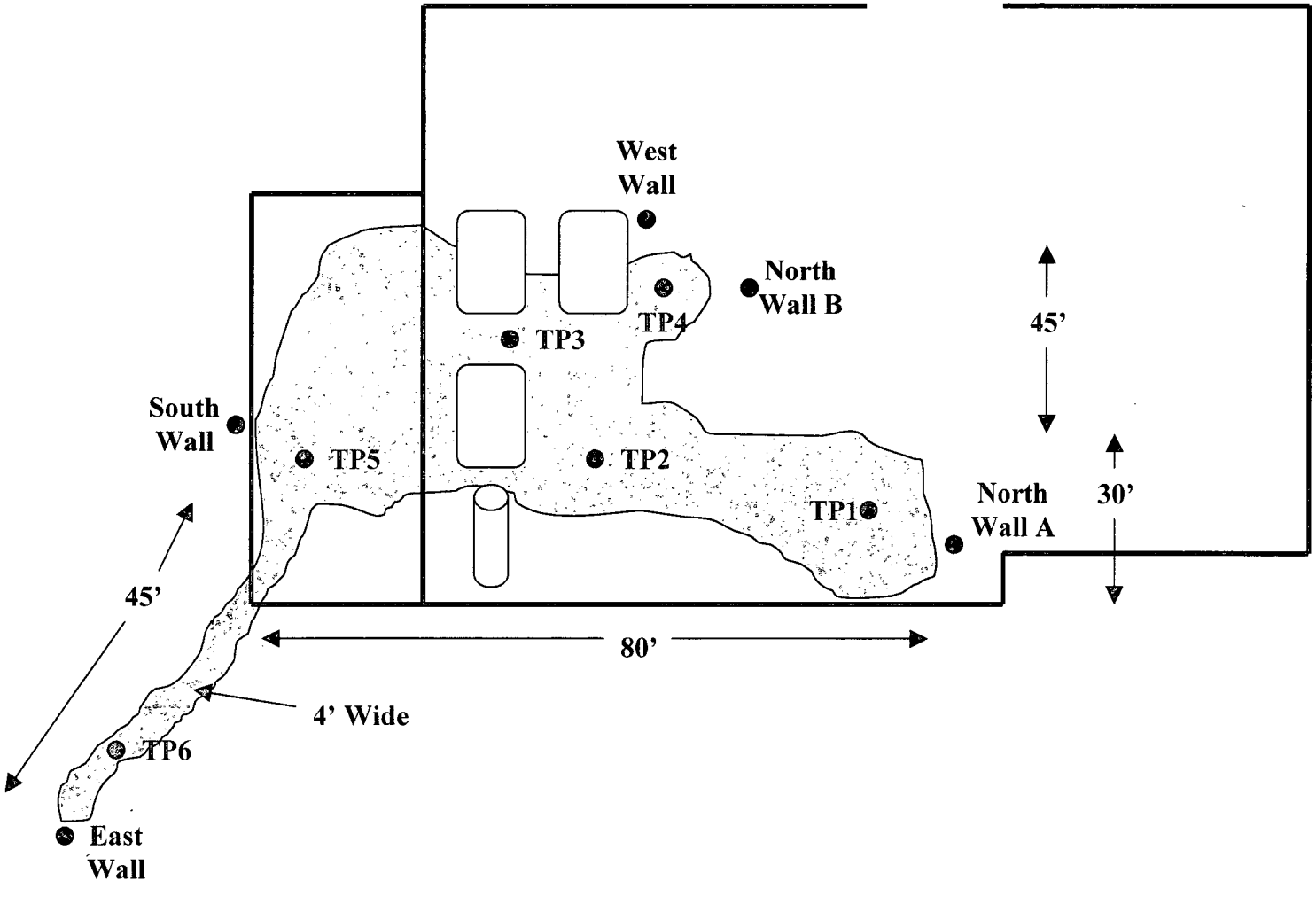
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Kelton Beaird	Approved by District Supervisor:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: kelton_beaird@oxy.com	Conditions of Approval:	Attached ☐
Date: 3-24-10		

* Attach Additional Sheets If Necessary

Oxy USA
Nagooltee Peak 5 Fed #3

Plat Map



Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

Client Oxy USA **Analyst** Bobby Steadham

Site Nagooltee Peak 5 Fed #3

Sample ID	Date	Depth	418.1 TPH / PPM	Cl / PPM	PID / PPM	GPS
TP1	2-9-10	3"	12,110	539	433	32° 24.956' N 104° 31.577' W
TP1	2-10-10	1'	4,390	625	130	32° 24.956' N 104° 31.577' W
TP1	2-10-10	2'		2,039	23.1	32° 24.956' N 104° 31.577' W
TP1	2-12-10	3'	20	121	7.0	32° 24.956' N 104° 31.577' W
TP2	2-9-10	3"	11,410	511	321	32° 24.950' N 104° 31.577' W
TP2	2-10-10	1'	7,987	150	64.5	32° 24.950' N 104° 31.577' W
TP2	2-10-10	2'	142	112	49.6	32° 24.950' N 104° 31.577' W
TP3	2-9-10	3"	8,990	382	321	32° 24.950' N 104° 31.581' W
TP3	2-10-10	1'	2,340	629	340	32° 24.950' N 104° 31.581' W
TP3	2-10-10	2'		884	210	32° 24.950' N 104° 31.581' W
TP3	2-10-10	3'		754	122	32° 24.950' N 104° 31.581' W
TP3	2-10-10	4'	46	287	16.7	32° 24.950' N 104° 31.581' W
TP4	2-9-10	3"	11,890	532	231	32° 24.953' N 104° 31.583' W
TP4	2-10-10	1'	3,430	613	255	32° 24.953' N 104° 31.583' W
TP4	2-12-10	2'	968	216	264	32° 24.953' N 104° 31.583' W
TP4	2-12-10	3'			188	32° 24.953' N 104° 31.583' W
TP4	2-12-10	4'			155	32° 24.953' N 104° 31.583' W

Analyst Notes

Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

Client Oxy USA **Analyst** Bobby Steadham

Site Nagooltee Peak 5 Fed #3

Sample ID	Date	Depth	418.1 TPH / PPM	Cl / PPM	PID / PPM	GPS
TP4	2-15-10	5'	1,044	189	27.1	32° 24.953' N 104° 31.583' W
TP5	2-9-10	3"	6,120	297	267	32° 24.944' N 104° 31.577' W
TP5	2-10-10	1'	198	382	288	32° 24.944' N 104° 31.577' W
TP5	2-10-10	2'		149	142	32° 24.944' N 104° 31.577' W
TP5	2-15-10	3'	90	129	23.5	32° 24.944' N 104° 31.577' W
TP6	2-15-10	6"	139	119	6.4	32° 24.939' N 104° 31.572' W
North Wall A	2-15-10	2'	4	168	4.3	32° 24.957' N 104° 31.573' W
North Wall B	2-15-10	2.5'	2	129	2.1	32° 24.954' N 104° 31.589' W
East Wall	2-15-10	6"	1	179	9.7	32° 24.938' N 104° 31.571' W
South Wall	2-15-10	1'	1	129	6.9	32° 24.941' N 104° 31.587' W
West Wall	2-15-10	2.5'	25	151	4.8	32° 24.953' N 104° 31.585' W

Analyst Notes

Analytical Report 362217

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

Oxy USA

Nagooltee Peak 5 Federal # 3

16-FEB-10

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

subcontract lab in the analyst ID field, or the comp ete su contracte report attac is repo

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 362217 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

16-FEB-10

Project Manager: **Logan Anderson**
Elke Environmental, Inc.
P.O. Box 14167
Odessa, TX 79768

Reference: XENCO Report No: **362217**
Oxy USA
Project Address: Nagooltee Peak 5 Federal # 3

Logan Anderson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 362217. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the

Sample Cross Reference 362217

Elke Environmental, Inc., Odessa, TX

Oxy USA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP 1 @ 3'	S	Feb-10-10 16:30	3 ft	362217-001
TP 2 @ 2'	S	Feb-10-10 17:30	2 ft	362217-002
TP 3 @ 4'	S	Feb-10-10 17:00	4 ft	362217-003
TP 5 @ 3'	S	Feb-10-10 18:00	3 ft	362217-004

CASE NARRATIVE

Client Name: Elke Environmental, Inc.
Project Name: Oxy USA

Project ID:	*Nagooltee Peak 5 Federal*	*Report Date:*	*16-FEB-10*
Work Order Number:	*362217*	*Date Received:*	*02/12/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-793759 Percent Moisture
None

Batch: LBA-793823 Inorganic Anions by EPA 300
None

Batch: LBA-793895 TPH By SW8015 Mod
None

Certificate of Analysis Summary 362217

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy USA

Project Id: Nagooltee Peak 5 Federal # 3
Contact: Logan Anderson
Project Location: Nagooltee Peak 5 Federal # 3

Date Received in Lab: Fri Feb-12-10 05:00 pm
Report Date: 16-FEB-10
Project Manager: Brent Barron, II

Analysis Requested													
	Lab Id:	362217-001		362217-002		362217-003		362217-004					
	Field Id:	TP 1 @ 3'		TP 2 @ 2'		TP 3 @ 4'		TP 5 @ 3'					
	Depth:	3 ft		2 ft		4 ft		3 ft					
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Feb-10-10 16:30		Feb-10-10 17:30		Feb-10-10 17:00		Feb-10-10 18:00					
Anions by E300	***Extracted:***												
	Analyzed:	Feb-15-10 08:40		Feb-15-10 08:40		Feb-15-10 08:40		Feb-15-10 08:40					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		56.3	9.40	61.4	9.53	255	52.2	66.7	10.3				
Percent Moisture	***Extracted:***												
	Analyzed:	Feb-15-10 08:00		Feb-15-10 08:00		Feb-15-10 08:00		Feb-15-10 08:00					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		10.6	1.00	11.9	1.00	19.5	1.00	18.2	1.00				
TPH By SW8015 Mod	***Extracted:***	Feb-15-10 09:00		Feb-15-10 09:00		Feb-15-10 09:00		Feb-15-10 09:00					
	Analyzed:	Feb-15-10 15:31		Feb-15-10 15:57		Feb-15-10 16:24		Feb-15-10 16:51					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	16.8	17.8	17.0	ND	18.6	ND	18.3				
C12-C28 Diesel Range Hydrocarbons		ND	16.8	103	17.0	18.9	18.6	49.2	18.3				
C28-C35 Oil Range Hydrocarbons		ND	16.8	ND	17.0	ND	18.6	ND	18.3				
Total TPH		ND	16.8	121	17.0	18.9	18.6	49.2	18.3				

Brent Barron, II
Odessa Laboratory Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

Form 2 - Surrogate Recoveries

Project Name: Oxy USA

/ork Orders : 362217, **Project ID:** Nagooltee Peak 5 Federal # 3

Lab Batch #: 793895 **Sample:** 550395-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/15/10 14:10

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.2	100	90	70-135	
o-Terphenyl	56.8	50.0	114	70-135	

Lab Batch #: 793895 **Sample:** 550395-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/15/10 14:37

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.8	100	81	70-135	
o-Terphenyl	36.9	50.0	74	70-135	

Lab Batch #: 793895 **Sample:** 550395-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/15/10 15:03

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	70.5	100	71	70-135	
o-Terphenyl	40.2	50.0	80	70-135	

Lab Batch #: 793895 **Sample:** 362217-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/15/10 15:31

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	70.7	100	71	70-135	
o-Terphenyl	41.5	50.0	83	70-135	

Lab Batch #: 793895 **Sample:** 362217-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/15/10 15:57

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	70.0	100	70	70-135	
o-Terphenyl	40.9	50.0	82	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Oxy USA

/ork Orders : 362217, **Project ID:** Nagooltee Peak 5 Federal # 3

Lab Batch #: 793895 **Sample:** 362217-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/15/10 16:24

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	70.8	100	71	70-135	
o-Terphenyl	41.1	50.0	82	70-135	

Lab Batch #: 793895 **Sample:** 362217-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/15/10 16:51

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	70.4	100	70	70-135	
o-Terphenyl	41.0	50.0	82	70-135	

Lab Batch #: 793895 **Sample:** 362217-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/15/10 19:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.2	100	82	70-135	
o-Terphenyl	37.9	50.0	76	70-135	

Lab Batch #: 793895 **Sample:** 362217-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/15/10 20:00

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.9	100	84	70-135	
o-Terphenyl	39.0	50.0	78	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Oxy USA

Work Order #: 362217 **Project ID:** Nagooltee Peak 5 Federal # 3

Lab Batch #: 793823 **Sample:** 793823-1-BKS **Matrix:** Solid

Date Analyzed: 02/15/2010 **Date Prepared:** 02/15/2010 **Analyst:** LATCOR

Reporting Units: mg/kg **Batch #:** 1

	BLANK /BLANK SPIKE RECOVERY STUDY					
Anions by E300 **Analytes**	**Blank Result [A]**	**Spike Added [B]**	**Blank Spike Result [C]**	**Blank Spike %R [D]**	**Control Limits %R**	**Flags**
Chloride	ND	10.0	9.60	96	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: Oxy USA

Work Order #: 362217
Analyst: BEV
Lab Batch ID: 793895 **Sample:** 550395-1-BKS
Units: mg/kg

Date Prepared: 02/15/2010
Batch #: 1

Project ID: Nagooltee Peak 5 Federal # 3
Date Analyzed: 02/15/2010
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	926	93	1000	840	84	10	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	886	89	1000	853	85	4	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: Oxy USA

Work Order #: 362217
Lab Batch #: 793823
Project ID: Nagooltee Peak 5 Federal # 3
Date Analyzed: 02/15/2010
Date Prepared: 02/15/2010
Analyst: LATCOR
QC- Sample ID: 362205-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	133	215	317	86	75-125	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit

Form 3 - 1 MSD Recoveries

Project Name: Oxy USA

Work Order # : 362217 **Project ID:** Nagooltee Peak 5 Federal # 3

Lab Batch ID: 793895 **QC- Sample ID:** 362217-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/15/2010 **Date Prepared:** 02/15/2010 **Analyst:** BEV

Reporting Units: mg/kg

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1120	957	85	1120	942	84	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1120	985	88	1120	984	88	0	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Oxy USA

Work Order #: 362217

Lab Batch #: 793823 **Project ID:** Nagooltee Peak 5 Federal # 3

Date Analyzed: 02/15/2010 **Date Prepared:** 02/15/2010 **Analyst:** LATCOR

QC- Sample ID: 362205-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Anions by E300	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	133	126	5	20	

Lab Batch #: 793759

Date Analyzed: 02/15/2010 **Date Prepared:** 02/15/2010 **Analyst:** WRU

QC- Sample ID: 362205-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	7.16	7.28	2	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Environmental Lab of Texas

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Logan Anderson

Company Name: Elke Environmental

Company Address: P O Box 14167

City/State/Zip: Odessa, TX 79768

Telephone No: 432-366-0043 Fax No: 432-366-0884

Sampler Signature:

e-mail: la_elkeenv@yahoo.com

Project Name: [redacted] Oxy USA

Project #:

Project Loc: Mescalero Peak 5 Federal #3

PO #:

Report Format: ☑ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 362217

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1/ 8015M	TPH: TX 1005	TPH: TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO_4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	TP1 @ 3'		3'	2/10/10	4:30 pm		1	X								S	X			X									X
02	TP2 @ 2'		2'	2/10/10	5:30 pm		1	X								S	X			X									X
03	TP3 @ 4'		4'	2/10/10	5:00 pm		1	X								S	X			X									X
04	TP5 @ 3'		3'	2/10/10	6:00 pm		1	X								S	X			X									X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	2/12/10	5:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT: Andrea Lam	2-12-10	17:00

Laboratory Comments:

VOCs Free of Headspace? Y N

Custody seals on container(s) Y N

Sample Hand Delivered Y N

by Sampler/Client Rep. ? Y N

by Courier? UPS DHL FedEx Lone Star

4029455

Temperature Upon Receipt: -1.1 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.

Date/ Time: 3/22/17 AL

Lab ID #: 2·12·10 17:00

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	-1.1 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

Analytical Report 363052

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

Oxy USA

Nagooltee Peak 5-003

26-FEB-10

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

26-FEB-10

Project Manager: **Logan Anderson**
Elke Environmental, Inc.
P.O. Box 14167
Odessa, TX 79768

Reference: XENCO Report No: **363052**
Oxy USA
Project Address: Nagooltee Peak 5-003

Logan Anderson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 363052. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 363052 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 363052

Elke Environmental, Inc., Odessa, TX

Oxy USA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP4 @ 5'	S	Feb-15-10 12:45	5 ft	363052-001

CASE NARRATIVE

Client Name: Elke Environmental, Inc.
Project Name: Oxy USA

Project ID:	*Nagooltee Peak 5-003*	*Report Date:*	*26-FEB-10*
Work Order Number:	*363052*	*Date Received:*	*02/22/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-795451 Anions by E300
None

Batch: LBA-795474 Percent Moisture
None

Batch: LBA-795727 TPH By SW8015 Mod
None

Certificate of Analy. Summary 363052

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy USA

Project Id: Nagooltee Peak 5-003
Contact: Logan Anderson
Project Location: Nagooltee Peak 5-003

Date Received in Lab: Mon Feb-22-10 09:11 am
Report Date: 26-FEB-10
Project Manager: Brent Barron, II

Analysis Requested							
	Lab Id:	363052-001					
	Field Id:	TP4 @ 5'					
	Depth:	5 ft					
	Matrix:	SOIL					
	Sampled:	Feb-15-10 12:45					
Anions by E300	***Extracted:***						
	Analyzed:	Feb-24-10 14:12					
	Units/RL:	mg/kg	RL				
Chloride		259	10.3				
Percent Moisture	***Extracted:***						
	Analyzed:	Feb-23-10 12:25					
	Units/RL:	%	RL				
Percent Moisture		18.6	1.00				
TPH By SW8015 Mod	***Extracted:***	Feb-25-10 09:45					
	Analyzed:	Feb-26-10 08:51					
	Units/RL:	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	18.4				
C12-C28 Diesel Range Hydrocarbons		ND	18.4				
C28-C35 Oil Range Hydrocarbons		ND	18.4				
Total TPH		ND	18.4				

Brent Barron, II
Odessa Laboratory Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

Form 2 - Surrogate Recoveries

Project Name: Oxy USA

Work Orders : 363052, **Project ID:** Nagooltee Peak 5-003

Lab Batch #: 795727 **Sample:** 551566-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/26/10 07:29

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.8	99.7	97	70-135	
o-Terphenyl	46.9	49.9	94	70-135	

Lab Batch #: 795727 **Sample:** 551566-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/26/10 07:57

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.7	99.5	100	70-135	
o-Terphenyl	48.1	49.8	97	70-135	

Lab Batch #: 795727 **Sample:** 551566-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/26/10 08:24

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	81.7	99.8	82	70-135	
o-Terphenyl	49.3	49.9	99	70-135	

Lab Batch #: 795727 **Sample:** 363052-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 08:51

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.8	100	83	70-135	
o-Terphenyl	49.6	50.1	99	70-135	

Lab Batch #: 795727 **Sample:** 363052-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 14:10

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.0	99.5	97	70-135	
o-Terphenyl	46.5	49.8	93	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Oxy USA

Work Orders : 363052,

Project ID: Nagooltee Peak 5-003

Lab Batch #: 795727 **Sample:** 363052-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 14:37

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.5	99.9	95	70-135	
o-Terphenyl	46.0	50.0	92	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Oxy USA

Work Order #: 363052 **Project ID:** Nagooltee Peak 5-003

Lab Batch #: 795451 **Sample:** 795451-1-BKS **Matrix:** Solid

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** LATCOR

Reporting Units: mg/kg **Batch #:** 1

	BLANK /BLANK SPIKE RECOVERY STUDY					
Anions by E300 **Analytes**	**Blank Result [A]**	**Spike Added [B]**	**Blank Spike Result [C]**	**Blank Spike %R [D]**	**Control Limits %R**	**Flags**
Chloride	ND	10.0	9.06	91	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: Oxy USA

Work Order #: 363052
Analyst: BEV
Lab Batch ID: 795727 **Sample:** 551566-1-BKS
Units: mg/kg

Date Prepared: 02/25/2010
Batch #: 1

Project ID: Nagooltee Peak 5-003
Date Analyzed: 02/26/2010
Matrix: Solid

TPH By SW8015 Mod	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	997	898	90	995	913	92	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	997	942	94	995	814	82	15	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: Oxy USA

Work Order #: 363052
Lab Batch #: 795451
Project ID: Nagooltee Peak 5-003
Date Analyzed: 02/24/2010
Date Prepared: 02/24/2010
Analyst: LATCOR
QC- Sample ID: 363052-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	259	246	471	86	75-125	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit

Form 3 - M MSD Recoveries

Project Name: Oxy USA

Work Order # : 363052 **Project ID:** Nagooltee Peak 5-003

Lab Batch ID: 795727 **QC- Sample ID:** 363052-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/26/2010 **Date Prepared:** 02/25/2010 **Analyst:** BEV

Reporting Units: mg/kg

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1220	1110	91	1230	1060	86	5	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1220	990	81	1230	958	78	3	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Oxy USA

Work Order #: 363052

Lab Batch #: 795451 **Project ID:** Nagooltee Peak 5-003

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** LATCOR

QC- Sample ID: 363052-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Anions by E300 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	259	251	3	20	

Lab Batch #: 795474

Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** ASA

QC- Sample ID: 363039-011 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	16.8	16.7	1	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Environmental Lab of Texas

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Logan Anderson — Project Name: OXY USA

Company Name: Elke Environmental — Project #:

Company Address: P O Box 14167 — Project Loc: NORTHWEST PEARL 5-003

City/State/Zip: Odessa, TX 79768 — PO #:

Telephone No: 432-366-0043 — Fax No: 432-366-0884 — Report Format: ☑ Standard ☐ TRRP ☐ NPDES

Sampler Signature: — e-mail: la_elkeenv@yahoo.com

(lab use only) ORDER #: 363052

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M	TOTAL: TPH: 8015	TPH: TX 1005	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	TP4 @ 5'		5'	2/15/10	12:45P		1	X								S	X				X									X

Special Instructions:

Laboratory Comments:

Relinquished by:	Date 2/22/10	Time 9:11	Received by:	Date	Time	Sample Constituents Intact? Y N
Relinquished by:	Date	Time	Received by:	Date	Time	VOCs Free of Headspace? Y N
Relinquished by:	Date	Time	Received by ELOT: Andria Garza	Date 2.22.10	Time 9:11	Labels on container(s) Y N
						Custody seals on container(s) Y N
						Custody seals on cooler(s) Y N
						Sample Hand Delivered Y N
						by Sampler/Client Rep. ? Y N
						by Courier? UPS DHL FedEx Lone Star
						4 02 glass
						Temperature Upon Receipt: -3.4 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.

Date/ Time: 7.27.10 9:11

Lab ID #: 363052

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	-3.4 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event