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 192463	Contact - Kelton Beaird
Address - 1502 W. Commerce	Telephone No. - (O) 575-628-4121 C) 575-390-1903
Facility Name – Winston #4 SWD	Facility Type - Tank Battery

Surface Owner BLM	Mineral Owner	Lease No. 30-015-30337

30-015-30337

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	30	21S	24E					Eddy

Latitude 32° 26.309' N Longitude 104° 32.710' W

NATURE OF RELEASE

Type of Release - Produced Water	Volume of Release – 60 bbls	Volume Recovered - 25 bbls
Source of Release - Fiberglass Line	Date and Hour of Occurrence	Date and Hour of Discovery 12-5-09 @ 10:00am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Jim Amos (BLM), Randy Dade (NMOCD) – Left Message	
By Whom? Rick Kerby (HES 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.* 4" Fiberglass line busted. The well was shut in and the line was fixed. A vac-truck was called to pickup all standing fluid remaining on location. The site was delineated with a backhoe. A borehole was drilled at the site to confirm groundwater. The borehole was drilled to 124' bgs. After 72 hours the borehole was gauged and water was shown at 120' bgs to 124' bgs. The ranking criteria for this site is as follows: Surface Body of Water – 0 points; Wellhead Protection Area – 0 points; Groundwater Depth – 0 points (GW = 120'). The total ranking for the site is 0 points. RAL's for the site are Chloride – 250 ppm. TPH – 5,000 ppm and BTEX – 100 ppm (using field vapor headspace measurement). Attached are a plat map, field analytical and lab confirmations.

Describe Area Affected and Cleanup Action Taken.* Oxy USA proposes to leave all soil in place and remediate site when battery is abandoned because the impacted soils are minimal levels, groundwater is over 100' from bottom of impacted soil and the battery is an active site.

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.

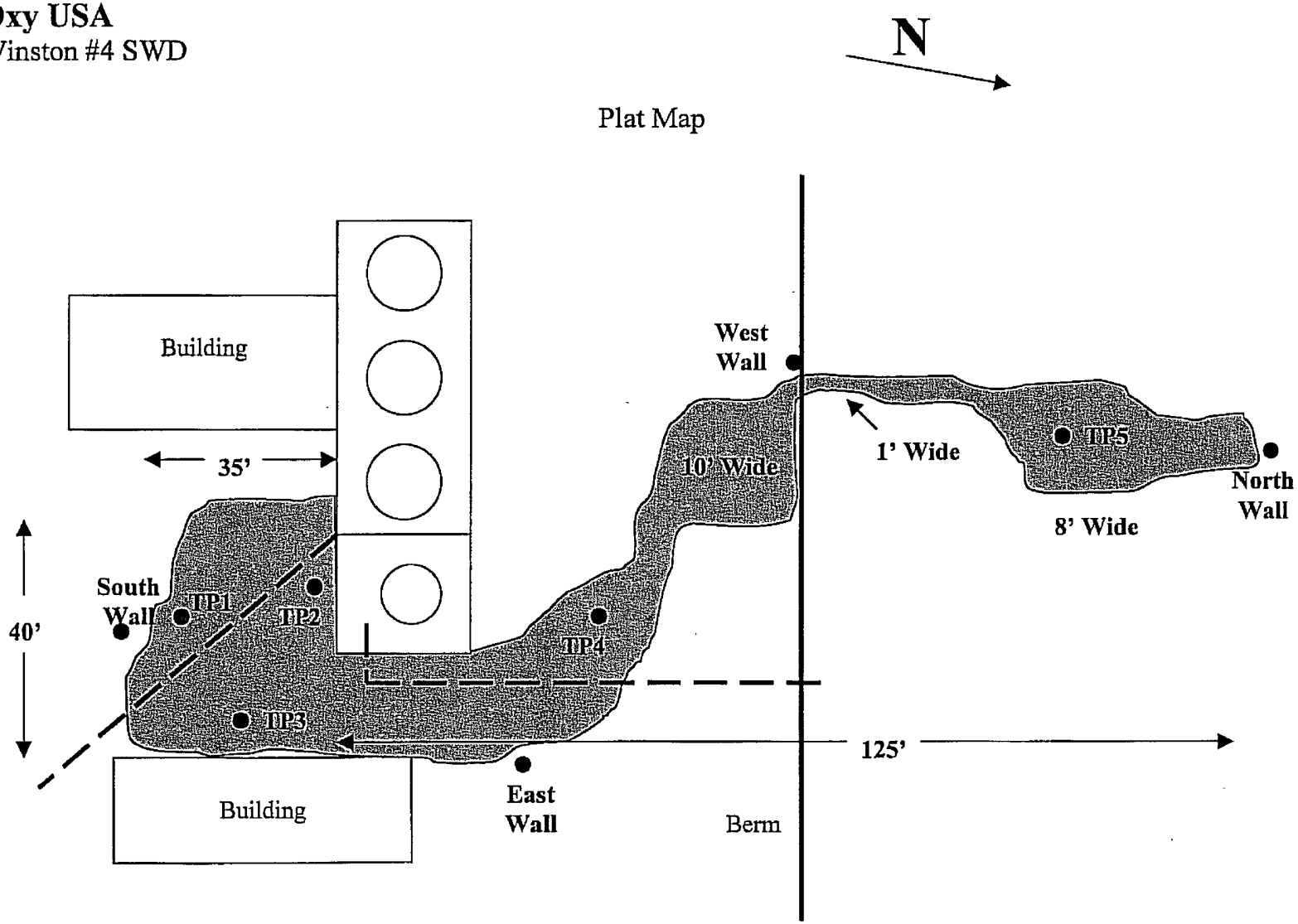
Signature:	OIL CONSERVATION DIVISION
Printed Name: Kelton Beaird	Approved by District Supervisor:
Title: HES Specialist	Approval Date: DENIED Expiration Date:
E-mail Address: kelton_beaird@oxy.com	Conditions of Approval: SEE ATTACHED Attached ☐
Date: 12-30-09	

* Attach Additional Sheets If Necessary

nSEB0934926903
$E0093492798l
iSE0093492779j

Oxy USA
Winston #4 SWD

Plat Map



Analytical Report 355458

for

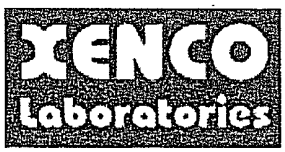
Elke Environmental, Inc.

Project Manager: Logan Anderson

Oxy USA

Winston # 4 SWD

16-DEC-09



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-08-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 (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), 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 (T104704400-08-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)
Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),
South Carolina(96031001), Louisiana(04154), Georgia(917)

16-DEC-09

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

Reference: XENCO Report No: **355458**
Oxy USA
Project Address: Winston # 4 SWD

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 355458. 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. 355458 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 355458

Elke Environmental, Inc., Odessa, TX

Oxy USA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP 1 @ 6"	S	Dec-10-09 13:45	6 In	355458-001
TP 2 @ 6"	S	Dec-10-09 14:00	6 In	355458-002
TP 3 @ 1.5'	S	Dec-10-09 16:30	18 In	355458-003
TP 4 @ 6"	S	Dec-10-09 13:00	6 In	355458-004
TP 5 @ 1'	S	Dec-10-09 14:45	12 In	355458-005

CASE NARRATIVE

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

Project ID:	*Winston # 4 SWD*	*Report Date:*	*16-DEC-09*
Work Order Number:	*355458*	*Date Received:*	*12/14/2009*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-785673 Percent Moisture
None

Batch: LBA-785866 Anions by E300
None

Batch: LBA-785889 TPH By SW8015 Mod
None

Certificate of Analysis Summary 355458

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy USA

Project Id: Winston # 4 SWD
Contact: Logan Anderson
Project Location: Winston # 4 SWD

Date Received in Lab: Mon Dec-14-09 09:00 am
Report Date: 16-DEC-09
Project Manager: Brent Barron, II

Analysis Requested															
	Lab Id:	355458-001		355458-002		355458-003		355458-004		355458-005					
	Field Id:	TP 1 @ 6"		TP 2 @ 6"		TP 3 @ 1.5'		TP 4 @ 6"		TP 5 @ 1'					
	Depth:	6 In		6 In		18 In		6 In		12 In					
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL					
	Sampled:	Dec-10-09 13:45		Dec-10-09 14:00		Dec-10-09 16:30		Dec-10-09 13:00		Dec-10-09 14:45					
Anions by E300	*Extracted:*														
	Analyzed:	Dec-14-09 12:35		Dec-14-09 12:35		Dec-14-09 12:35		Dec-14-09 12:35		Dec-14-09 12:35					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		102	9.59	55.5	9.46	227	9.65	112	9.30	195	9.47				
Percent Moisture	*Extracted:*														
	Analyzed:	Dec-14-09 17:00		Dec-14-09 17:00		Dec-14-09 17:00		Dec-14-09 17:00		Dec-14-09 17:00					
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		12.5	1.00	11.2	1.00	13.0	1.00	9.72	1.00	11.3	1.00				
TPH By SW8015 Mod	*Extracted:*	Dec-14-09 11:00		Dec-14-09 11:00		Dec-14-09 11:00		Dec-14-09 11:00		Dec-14-09 11:00					
	Analyzed:	Dec-15-09 14:14		Dec-15-09 15:07		Dec-15-09 15:34		Dec-15-09 16:01		Dec-15-09 16:28					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		17.3	17.0	62.1	16.9	18.1	17.2	29.9	16.6	79.1	16.9				
C12-C28 Diesel Range Hydrocarbons		97.1	17.0	42.2	16.9	33.7	17.2	269	16.6	63.4	16.9				
C28-C35 Oil Range Hydrocarbons		26.8	17.0	ND	16.9	17.2	17.2	21.8	16.6	ND	16.9				
Total TPH		141.2	17.0	104.3	16.9	69.0	17.2	321	16.6	142.5	16.9				

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 : 355458,

Project ID: Winston # 4 SWD

Lab Batch #: 785889 **Sample:** 545596-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/15/09 06:40

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	121	99.9	121	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 785889 **Sample:** 545596-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/15/09 07:07

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	121	99.9	121	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 785889 **Sample:** 545596-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/15/09 07:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.8	106	70-135	
o-Terphenyl	55.3	49.9	111	70-135	

Lab Batch #: 785889 **Sample:** 355458-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 14:14

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	99.5	103	70-135	
o-Terphenyl	53.8	49.8	108	70-135	

Lab Batch #: 785889 **Sample:** 355458-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 15:07

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	99.9	110	70-135	
o-Terphenyl	57.2	50.0	114	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 : 355458,

Project ID: Winston # 4 SWD

Lab Batch #: 785889 **Sample:** 355458-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 15:34

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.5	107	70-135	
o-Terphenyl	54.6	49.8	110	70-135	

Lab Batch #: 785889 **Sample:** 355458-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 16:01

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.9	106	70-135	
o-Terphenyl	55.2	50.0	110	70-135	

Lab Batch #: 785889 **Sample:** 355458-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 16:28

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	55.2	50.0	110	70-135	

Lab Batch #: 785889 **Sample:** 355211-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 18:43

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	115	99.7	115	70-135	
o-Terphenyl	51.7	49.9	104	70-135	

Lab Batch #: 785889 **Sample:** 355211-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/15/09 19:10

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	118	99.5	119	70-135	
o-Terphenyl	51.7	49.8	104	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 #: 355458 **Project ID:** Winston # 4 SWD

Lab Batch #: 785866 **Sample:** 785866-1-BKS **Matrix:** Solid

Date Analyzed: 12/14/2009 **Date Prepared:** 12/14/2009 **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	10.9	109	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 #: 355458 **Project ID:** Winston # 4 SWD

Analyst: BEV **Date Prepared:** 12/14/2009 **Date Analyzed:** 12/15/2009

Lab Batch ID: 785889 **Sample:** 545596-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

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
	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
C6-C12 Gasoline Range Hydrocarbons	ND	999	944	94	999	957	96	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	999	735	74	999	735	74	0	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 #: 355458
Lab Batch #: 785866
Project ID: Winston # 4 SWD
Date Analyzed: 12/14/2009
Date Prepared: 12/14/2009
Analyst: LATCOR
QC- Sample ID: 355458-001 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	102	251	383	112	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 - MS / MSD Recoveries

Project Name: Oxy USA

Work Order # : 355458 **Project ID:** Winston # 4 SWD

Lab Batch ID: 785889 **QC- Sample ID:** 355211-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12/15/2009 **Date Prepared:** 12/14/2009 **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	30.4	1130	963	83	1130	993	85	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	46.0	1130	921	77	1130	942	79	2	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 #: 355458

Lab Batch #: 785866 **Project ID:** Winston # 4 SWD

Date Analyzed: 12/14/2009 **Date Prepared:** 12/14/2009 **Analyst:** LATCOR

QC- Sample ID: 355458-001 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	102	108	6	20	

Lab Batch #: 785673

Date Analyzed: 12/14/2009 **Date Prepared:** 12/14/2009 **Analyst:** WRU

QC- Sample ID: 355458-001 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	12.5	13.2	6	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: OXY USA
Project #:
Project Loc: WINKLER #4 SWD
PO #:
Report Format: ☑ Standard ☐ TRRP ☐ NPDES

(lab use only) ORDER #: 355458

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	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	TP1 @ 6"		6"	12/10/09	1:45P		1	X								S	X			X									X
02	TP2 @ 6"		6"	12/10/09	2:00P		1	X								S	X			X									X
03	TP3 @ 1.5'		18"	12/10/09	4:30P		1	X								S	X			X									X
04	TP4 @ 6"		6"	12/10/09	1:00P		1	X								S	X			X									X
05	TP5 @ 1'		12"	12/10/09	2:45P		1	X								S	X			X									X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	12/14	9:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	12/14	9:00

Laboratory Comments:

VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Sample Hand Delivered: by Sample/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 4.0 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Environmental

Date/ Time: 12/14/09 9:00

Lab ID #: 355458

Initials: AS

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	0.1 °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

Andrea Lam

From: "Logan Anderson" <la_elkeenv@yahoo.com>
To: "Andrea Lam" <andrea.lam@xenco.com>
Sent: Monday, December 14, 2009 10:28 AM
Subject: Re: WO 355458, 355460, 355462, 355463, 355465

Andrea,

Correct. Test for TPH 8015M not TPH 418.1

Thanks,
Logan Anderson

Project Manager
Elke Environmental, Inc.
off 432-366-0043
cell 432-664-1269
fax 432-366-0884

— On **Mon, 12/14/09, Andrea Lam** <*andrea.lam@xenco.com*> wrote:

> From: Andrea Lam <andrea.lam@xenco.com>
> Subject: WO 355458, 355460, 355462, 355463, 355465
> To: "Logan Anderson" <la_elkeenv@yahoo.com>
> Date: Monday, December 14, 2009, 10:17 AM
>
> ***Logan,***
>
> ***I would like to confirm our conversation that these five work orders are to be tested for 8015M not 418.1.***
>
> ***Thank You,***
> ***Andrea Lam***
> ***Sample Receiving / Project Assistant***
>
> ***Environmental Lab of Texas***
> ***A Xenco Company***
> ***12600 W I-20 E***
> ***Odessa, TX 79765***
> ***432-563-1800***

12/14/2009

Bonham, Sherry, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Thursday, December 31, 2009 3:36 PM
To: Bonham, Sherry, EMNRD
Subject: FW: Oxy - Winston #4 SWD
Attachments: Remediation Plan.pdf

From: Logan Anderson [mailto:la_elkeenv@yahoo.com]
Sent: Wednesday, December 30, 2009 1:38 PM
To: Bratcher, Mike, EMNRD
Cc: Kelton Beaird
Subject: Oxy - Winston #4 SWD

Mike,

Attached is the Remediation Plan for the Oxy - Winston #4 SWD Spill. Please review and let me know if it is approved.

Thanks,
Logan Anderson

Project Manager
Elke Environmental, Inc.
off 432-366-0043
cell 432-664-1269
fax 432-366-0884

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

Field Analytical Report Form

Client Oxy USA **Analyst** Bobby Steadham

Site Winston #4 SWD

Sample ID	Date	Depth	418.1 TPH / PPM	Cl / PPM	PID / PPM	GPS
TP1	12-10-09	Surface	2,872	240	36.7	32° 26.309' N 104° 32.710' W
TP1	12-10-09	3"	112	239	24.9	32° 26.309' N 104° 32.710' W
TP1	12-10-09	6"	78	166	12.5	32° 26.309' N 104° 32.710' W
TP2	12-10-09	Surface	3,612	144	29.4	32° 26.312' N 104° 32.712' W
TP2	12-10-09	3"	348	179	21.1	32° 26.312' N 104° 32.712' W
TP2	12-10-09	6"	58	119	28.6	32° 26.312' N 104° 32.712' W
TP3	12-10-09	Surface	1,890	362	39.0	32° 26.320' N 104° 32.710' W
TP3	12-10-09	6"		599	20.0	32° 26.320' N 104° 32.710' W
TP3	12-10-09	12"		491	27.8	32° 26.320' N 104° 32.710' W
TP3	12-10-09	18"	87	235	17.3	32° 26.320' N 104° 32.710' W
TP4	12-10-09	Surface	1,036	237	21.8	32° 26.320' N 104° 32.710' W
TP4	12-10-09	6"	65	149	10.3	32° 26.320' N 104° 32.710' W
TP5	12-10-09	Surface	1,948	211	33.6	32° 26.321' N 104° 32.718' W
TP5	12-10-09	6"		289	24.5	32° 26.321' N 104° 32.718' W
TP5	12-10-09	12"	56	178	10.9	32° 26.321' N 104° 32.718' W
North Wall	12-10-09	3"	78	209	21.7	32° 26.336' N 104° 32.719' W
East Wall	12-10-09	3"	56	178	36.1	32° 26.320' N 104° 32.703' W
South Wall	12-10-09	3"	61	249	12.9	32° 26.302' N 104° 32.709' W
West Wall	12-10-09	3"	42	117	15.3	32° 26.321' N 104° 32.720' W

New Mexico Energy, Minerals and Natural Resources Department

January 25, 2010

OXY USA
Mr. Kelton Beaird
1502 W Commerce
Carlsbad, NM 88220

RE: Winston SWD 004 30-015-30337
N-30-21S-24E Eddy County, New Mexico

Mr. Beaird:

On December 11, 2009, the New Mexico Oil Conservation Division District II Office (OCD) received an Initial Report Form C-141 reporting a release of produced fluids that occurred at the above referenced site.

On December 15, 2009, OCD approved the C-141 with stipulations of:

- Remediation work plan due on or before 01/29/2010
- Remediation actions to be completed with supporting confirmation analyses along with Final C-141 on or before 3/29/2010
- OCD to be given 48 hour notice prior to obtaining samples where analyses are to be presented to OCD for review/approval

On December 30, 2009, OXY USA (OXY) submitted a second Initial C-141 stating, "Oxy USA proposes to leave all soil in place and remediate site when battery is abandoned because the impacted soils are minimal levels, groundwater is over 100' from bottom of impacted soil and the battery is still an active site." Additionally, OXY submitted soil analytical data.

19.15.29 NMAC governs releases. Part 29.11 requires the responsible person to complete division-approved corrective action for releases that endanger public health or the environment, in accordance with a remediation plan or an abatement plan. Therefore, as presented, the second Initial C-141 proposing to leave all soil in place and to remediate site when battery is abandoned shall not be approved.

On or before February 8, 2010, please submit an amended form/proposal. In addition to the amended form/proposal, please include a representative analyses report of the source produced water for this site.

Should you have any questions or concerns, please contact me.

Respectfully,
Sherry Bonham
NMOCD District II
1301 West Grand Avenue
Artesia, NM 88210
575.748.1283 X109
sherry.bonham@state.nm.us