VANGUARD NATURAL RESOURCES

5847 San Felipe, Suite 3000
Houston, Texas 77057
(832) 327-2255

Onsurez #1

2RP-2397

Corrective Action Plan

API No. 30-015-23592

Release Date: June 13th, 2014

Unit Letter C, Section 11, Township 23S, Range 28E

RECS RICE ENVIRONMENTAL CONSULTING & SAFETY

PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

August 20th, 2014

Mike Bratcher
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 2
811 S. First St.
Artesia, NM 88210

RE: **Corrective Action Plan**
Vanguard Onsurez #1 (2RP-2397)
UL/C sec. 11 T23S R28E
API No. 30-015-23592

Mr. Bratcher:

Vanguard Natural Resources (Vanguard) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 3.4 miles northeast of Loving, New Mexico at UL/C sec. 11 T23S R28E. USGS records indicate that groundwater will likely be encountered at a depth of approximately 16 +/- feet.

On June 13th, 2014, Vanguard discovered a release of oil and produced water. A separator pop off released a mist of 10 barrels of oil and produced water over 8,871 square feet of battery pad and pasture land. A total of 5 barrels of fluid was recovered. Vanguard submitted an initial C-141 to NMOCD on July 25th, 2014, which was approved on July 28th, 2014 (Appendix A).

RECS personnel were on site beginning on June 19th, 2014. Two points within the pasture area were sampled at the surface and with depth (Figure 1). All samples were field tested for chlorides and organic vapors and then sent to a commercial laboratory for analysis (Appendix B). Point 1 was advanced to a depth of 1 ft bgs where the sample returned a chloride value of 768 mg/kg, a Gasoline Range Organics (GRO) reading of non-detect and a Diesel Range Organics (DRO) reading of 153 mg/kg. Point 2 was also advanced to a depth of 1 ft bgs where the sample returned chloride, GRO and DRO values of non-detect.

The overspray on the lease pad was not sampled; because, the staining was so unpronounced that by August 5th, 2014, the staining was no longer visible (Appendix C).

Corrective Action Plan

Based on the laboratory analysis data, the release in the pasture area will be scraped to 1 ft to 1.5 ft. Once the scrape is completed, a composite bottom sample of the scrape will be taken and field tested for chloride and organic vapors. If field testing indicates that the bottom composite will not return laboratory chloride, GRO and DRO readings below regulatory standards, the scrape will be advanced to a depth where field sampling indicates that these constituents will return laboratory readings below regulatory standards. The final bottom composite of the scrape will be taken to a commercial laboratory to confirm that chloride, GRO and DRO readings return values below regulatory standards.

All excavated soils will be evaluated for use as backfill, and any soils that do not meet regulatory standards will be sent to a NMOCD approved facility for disposal. Clean soil will be imported to the site to replace any soils taken for disposal. The clean soil will be blended with the remaining excavated soils to use as backfill. A sample of the blended soil will be taken to a commercial laboratory to confirm that chloride, GRO and DRO readings return values below regulatory standards. The scrapes will be backfilled with the blended soil and contoured to the surrounding location. The disturbed pasture area will then be seeded with a blend of native vegetation.

Once these activities have been completed, a report will be submitted to NMOCD requesting 'remediation termination' and site closure.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

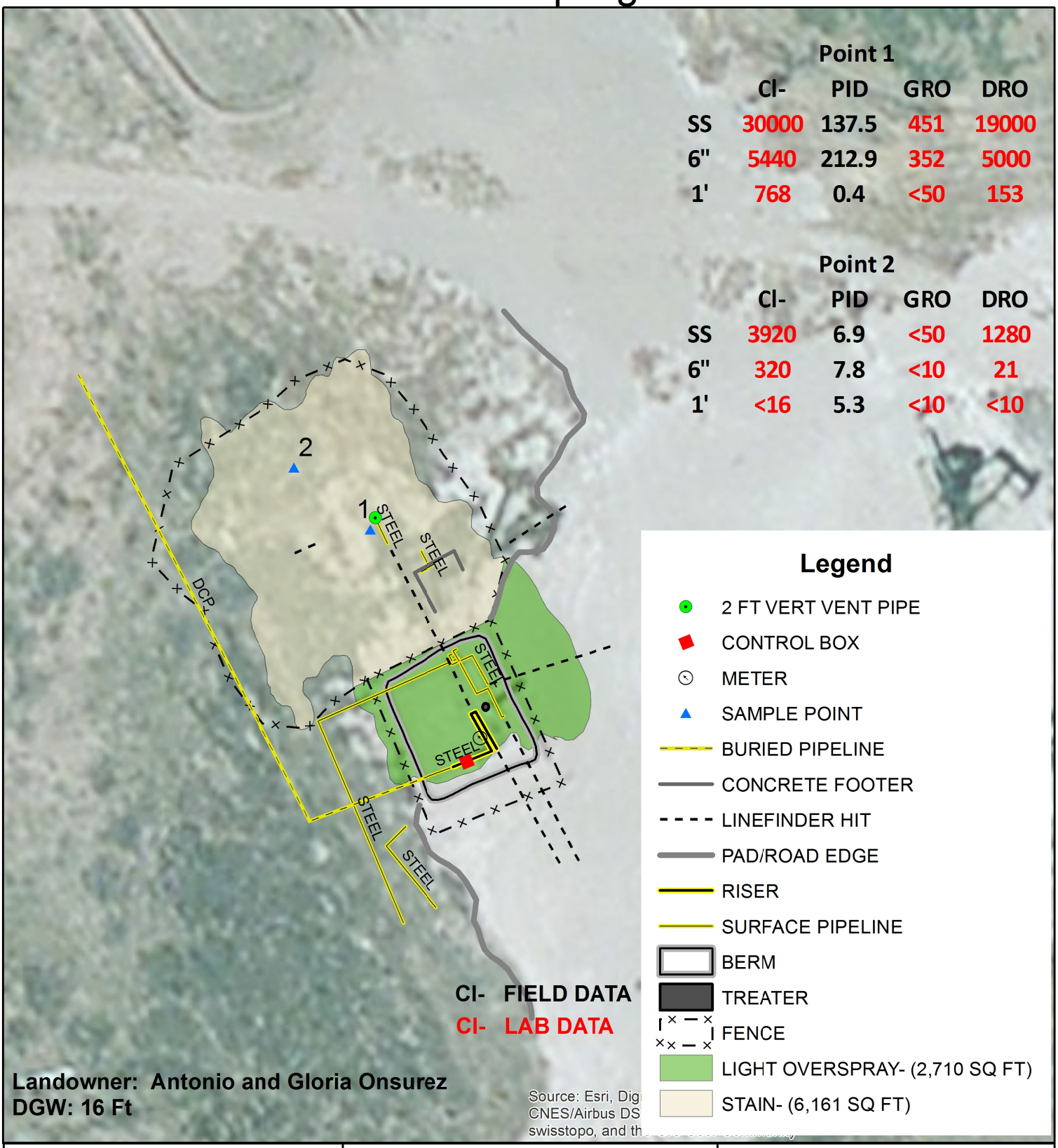
Attachments:

Figure 1 – Initial Sampling Data
Appendix A – Initial C-141
Appendix B – Initial Sampling Labs
Appendix C – Photo Documentation

Figures

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

Initial Sampling Data



RECS
RICE ENVIRONMENTAL
CONSULTING & SAFETY

VANGUARD ONSUREZ #1

UL C SECTION 11
T-23-S R-28-E
EDDY COUNTY, NM

Figure 1

N
W E
S

0 30 60
Feet

GPS date: 6/19/14 CF
Drawing date: 8/13/14
Drafted by: T. Grieco/L. Weinheimer

Appendix A
Initial C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

District I
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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

nAB1420950822

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Vanguard Permian 258350	Contact Mike Jones
Address 5847 San Felipe, Ste. 3000 Houtston, TX 77057	Telephone No. 575-390-4611
Facility Name Onsurez #1	Facility Type Battery

Surface Owner Antonio and Gloria Onsurez	Mineral Owner	API No. 30-015-23592

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	11	23s	28 e	672	FNL	1773	FWL	EDDY

Latitude 32.325488 **Longitude** -104.060743

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release 10 BBLS	Volume Recovered 5 BBLS
Source of Release Oil and Gas separator Pop off	Date and Hour of Occurrence	Date and Hour of Discovery 6-13-14/9AM
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 25 2014
RECEIVED

Describe Cause of Problem and Remedial Action Taken.*
Pop off on seperator. releases and blow mist of oil and water in pasture. Pop off was replaced and piped to water tank.

Describe Area Affected and Cleanup Action Taken.*
A total of 8,871 square feet of lease pad a pasture land was affected. The site will be assessed and a Corrective Action plan will be submitted to NMOCD.

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: Mike Jones

Printed Name: Mike Jones

Title: Production Foreman

E-mail Address: mjones@vnrllc.com

Date: Phone: 575-390-4611

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: 7/28/14 Expiration Date: NA

Conditions of Approval:
Remediation per OCD Rule & Guidelines. **SUBMIT REMEDIATION PROPOSAL NO LATER THAN:** 8/28/14

Attached ☐

RP2-2397

* Attach Additional Sheets If Necessary

Appendix B
Initial Sampling Labs

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 26, 2014

LAURA FLORES

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: ONSUREZ #001

Enclosed are the results of analyses for samples received by the laboratory on 06/24/14 10:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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_accred_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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
LAURA FLORES
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	06/24/2014	Sampling Date:	06/19/2014
Reported:	06/26/2014	Sampling Type:	Soil
Project Name:	ONSUREZ #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	VANGUARD		

Sample ID: POINT 1 @ SURFACE (H401886-01)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**30000**	16.0	06/25/2014	ND	416	104	400	8.00	

TPH 8015M **mg/kg** **Analyzed By: MS** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**451**	100	06/24/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	**19000**	100	06/24/2014	ND	184	92.0	200	3.27	

Surrogate: 1-Chlorooctane	*180 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*338 %*	*63.6-154*

Sample ID: POINT 1 @ 6" (H401886-02)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5440**	16.0	06/25/2014	ND	416	104	400	3.92	

TPH 8015M **mg/kg** **Analyzed By: MS** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**352**	100	06/24/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	**5000**	100	06/24/2014	ND	184	92.0	200	3.27	

Surrogate: 1-Chlorooctane	*144 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*216 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
LAURA FLORES
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	06/24/2014	Sampling Date:	06/19/2014
Reported:	06/26/2014	Sampling Type:	Soil
Project Name:	ONSUREZ #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	VANGUARD		

Sample ID: POINT 2 @ SURFACE (H401886-03)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3920**	16.0	06/25/2014	ND	416	104	400	3.92	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/25/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	**1280**	50.0	06/25/2014	ND	184	92.0	200	3.27	

Surrogate: 1-Chlorooctane	*93.0 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*139 %*	*63.6-154*

Sample ID: POINT 2 @ 6" (H401886-04)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	06/25/2014	ND	416	104	400	3.92	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/25/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	**21.0**	10.0	06/25/2014	ND	184	92.0	200	3.27	

Surrogate: 1-Chlorooctane	*85.8 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*89.4 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
LAURA FLORES
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	06/24/2014	Sampling Date:	06/19/2014
Reported:	06/26/2014	Sampling Type:	Soil
Project Name:	ONSUREZ #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	VANGUARD		

Sample ID: POINT 2 @ 1' (H401886-05)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2014	ND	416	104	400	3.92	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/25/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	<10.0	10.0	06/25/2014	ND	184	92.0	200	3.27	

Surrogate: 1-Chlorooctane	*81.3 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*86.5 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: RECS	BILL TO
Project Manager: Laura Flores, Jacob Kamplain	P.O. #:
Address:	Company:
City: Hobbs State: NM Zip: 88240	Attn:
Phone #: Fax #:	Address:
Project #: Project Owner:	City:
Project Name: Vanguard	State: Zip:
Project Location: Onsurez #001	Phone #:
Sampler Name: Chris Flores	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS
H401886																				
1	Point 1 @ Surface	G	1			✓					✓		6-19-2019	11:40 AM	X	X				
2	Point 1 @ 6"	G	1			✓					✓			11:50 AM	X	X				
3	Point 2 @ Surface	G	1			✓					✓			11:45 AM	X	X				
4	Point 2 @ 6"	G	1			✓					✓			11:55 AM	X	X				
5	Point 2 @ 1'	G	1			✓					✓			12:00 AM	X	X				

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental 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.

Relinquished By:	Date: 6-24-2019	Received By: Jodi Henson	
	Time: 10:22		
Relinquished By:	Date:	Received By:	
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	3.2°C	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)

Phone Result: ☐ Yes ☑ No Add'l Phone #:
Fax Result: ☐ Yes ☑ No Add'l Fax #:
REMARKS:

email: hconder@riceswd.com; lflores@rice-ecs.com; lweinheimer@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; sedwards@rice-ecs.com; cursanic@rice-ecs.com
Environmental Tech: cflores@rice-ecs.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 12, 2014

LAURA FLORES

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: ONSUREZ #001

Enclosed are the results of analyses for samples received by the laboratory on 08/06/14 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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_accred_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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
LAURA FLORES
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	08/06/2014	Sampling Date:	08/04/2014
Reported:	08/12/2014	Sampling Type:	Soil
Project Name:	ONSUREZ #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	VANGUARD		

Sample ID: PT. 1 @ 1' (H402428-01)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	08/07/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	08/08/2014	ND	171	85.5	200	8.57	
DRO >C10-C28	**153**	50.0	08/08/2014	ND	180	89.9	200	9.44	

Surrogate: 1-Chlorooctane	*87.1 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*109 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: RECS	BILL TO
Project Manager: Laura Flores, Kyle Norman	P.O. #:
Address:	Company:
City: Hobbs State: NM Zip: 88240	Attn:
Phone #: Fax #:	Address:
Project #: Project Owner:	City:
Project Name:	State: Zip:
Project Location: Onsurez #1	Phone #:
Sampler Name: Kyle Schmidt	Fax #:

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS								
H402428 1	point 1 @ 1'	G	1			X					X		8-4-14	4:45	X	X												

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 the client for the 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 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.

Relinquished By: Kyle Schmidt	Date: 8-6-14 Time:	Received By:	Phone Result: ☐ Yes ☑ No Add'l Phone #:
Relinquished By:	Date: 8-6-14 Time: 3:05	Received By: Cathy Terry	Fax Result: ☐ Yes ☑ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -6.0°C #24	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) KP	REMARKS: email: hconder@riceswd.com; lflores@rice-ecs.com; lweinheimer@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; sedwards@rice-ecs.com; cursanic@rice-ecs.com Environmental Tech: @rice-ecs.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Appendix C
Photo Documentation

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

Vanguard Onsurez #001

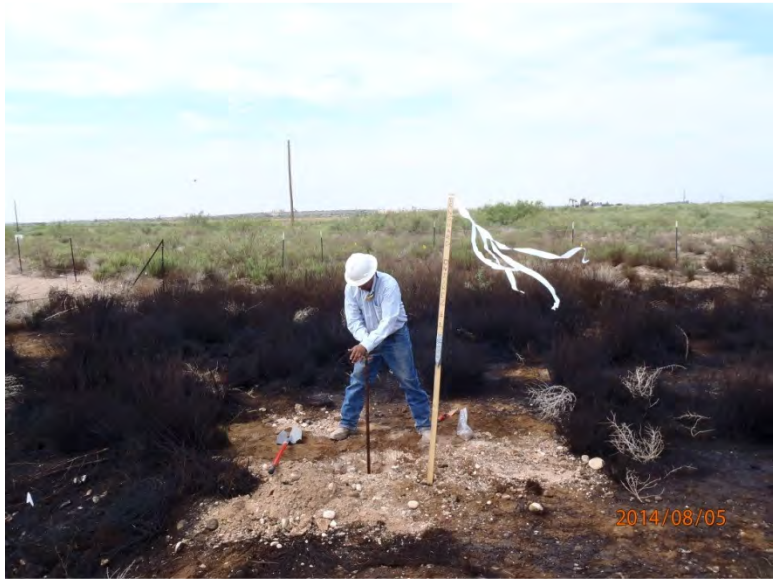
Unit Letter C, Section 11, T23S, R28E

Source of release, facing south 6/19/14

Initial release area, facing southeast 6/19/14

Initial release area, facing northwest 6/19/14

Initial release area, facing southeast 6/19/14



Auguring for depth, facing southwest 8/5/14

Lease pad, facing north 8/5/14