Basin Environmental Service Technologies
Effective Solutions

PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

May 17, 2018

Bradford Billings
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

RE: **Corrective Action Plan (CAP) Report and Soil Closure Request**
Rice Operating Company – BD SWD System
BD Jct. F-15 (1R426-255): UL/F, Sec. 15, T21S, R37E

Mr. Billings:

RICE Operating Company (ROC) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site in the BD Salt Water Disposal (SWD) system.

ROC is the service provider (agent) for the BD SWD System and has no ownership of any portion of the pipeline, well, or facility. The system is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Background and Previous Work
The site is located approximately 2.6 miles north of Eunice, New Mexico at UL/F, Sec. 15, T21S, R37E as shown on the Geographical Location Map and Area Map. An updated study of NM OSE records indicate that groundwater will likely be encountered at a depth of approximately 47 feet below ground surface (bgs).

In 2009, ROC initiated work on the former F-15 junction box. The site was delineated using a backhoe to form a 30 ft x 30 ft x 12 ft deep excavation and soil samples were screened at regular intervals for both hydrocarbons and chlorides. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH. From the excavation, a 4-wall composite sample and a bottom composite sample were sent to a commercial laboratory for analysis. The 4-wall composite returned a chloride reading of 4,800 mg/kg, a Gasoline Range Organics (GRO) reading non-detect and a Diesel Range Organics (DRO) reading of 377 mg/kg. The bottom composite sample returned a chloride reading of 4,040 mg/kg, a GRO reading of 166 mg/kg and a DRO reading of 1,590 mg/kg. The sample was also analyzed for BTEX, resulting in benzene reading of non-detect, a toluene reading of 0.418 mg/kg, an ethylbenzene reading of 1.24 mg/kg and a total xylene reading of 4.67 mg/kg. The excavated soil was blended on site and a representative sample was sent to a commercial laboratory for analysis. The sample

returned a chloride reading of 3,840 mg/kg, a GRO reading of 42.9 mg/kg and a DRO reading of 1,140 mg/kg. The sample was also analyzed for BTEX, resulting in a benzene and toluene reading of non-detect, an ethylbenzene reading of 0.056 mg/kg and a total xylenes reading of 0.434 mg/kg. The blended backfill was returned to the excavation up to 5 ft below ground surface. At 5 – 4 ft bgs, a 1 ft thick clay barrier was installed. The clay layer will provide a barrier that will inhibit the downward migration of chlorides to groundwater. Clean, imported soil was used to backfill the excavation to the ground surface and to contour to the surrounding area. An identification plate was placed on the surface above the former junction box to mark the presence of the clay below.

To further investigate the depth of chloride presence, a soil bore was installed on November 4th, 2009. The soil bore was installed at the former junction box site and was advanced to a depth of 36 ft bgs. Soil samples were collected every 3 ft and field titrated for chlorides and field screened for PIDs, resulting in concentrations that did not decrease with depth. The 24 ft, 33 ft, and 36 ft samples were sent to a commercial laboratory for analysis, resulting in a 24 ft chloride concentration of 736 mg/Kg, a GRO concentration of 1,720 mg/Kg, a DRO concentration of 7,340 mg/Kg, a benzene concentration of 0.541 mg/Kg, a toluene concentration of 1.45 mg/Kg, an ethylbenzene concentration of 2.81 mg/Kg and a total xylenes concentration of 11.2 mg/Kg. The 33 ft sample resulted in a chloride concentration of 1,760 mg/Kg, a GRO concentration of non-detect, a DRO concentration of 3,040 mg/Kg, a benzene concentration of 0.076 mg/Kg, a toluene concentration of 0.207 mg/Kg, an ethylbenzene concentration of 0.467 mg/Kg and a total xylenes concentration of 2.54 mg/Kg. The 36 ft sample resulted in a chloride concentration of 1,820 mg/Kg, a GRO concentration of 176 mg/Kg, a DRO concentration of 4,380 mg/Kg, a benzene concentration of non-detect, a toluene concentration of 0.113 mg/Kg, an ethylbenzene concentration of 0.538 mg/Kg and a total xylenes concentration of 2.51 mg/Kg. The entire borehole was plugged with bentonite to the ground surface. On November 24th, 2009, the site was seeded with a blend of native vegetation.

NMOCD was notified of potential groundwater impact on March 8th, 2010. A junction box disclosure report was submitted to NMOCD with all the 2009 junction box closures and disclosures

Investigation and Characterization Plan (ICP) Report

An ICP was submitted on February 16th, 2015 and approved on February 20th, 2015. On May 19th, 2015, an additional 4 soil bores were installed at the site. As the bores were advanced, soil samples were taken at regular intervals and field tested for chlorides and hydrocarbons. Representative samples from each bore were taken to a commercial laboratory for confirmatory analysis. SB-2 returned a laboratory chloride reading of 1,010 mg/Kg at 22 ft bgs, which decreased to 208 mg/Kg at 31 ft bgs. SB-3 returned a laboratory chloride reading of 1,920 mg/kg at 16 ft bgs, which decreased to 784 mg/Kg at 40 ft bgs. SB-4 returned laboratory

chloride readings of 1,300 mg/Kg at 19 ft bgs and decreased to 832 mg/Kg at 40 ft bgs. SB-5 returned a laboratory chloride reading of 992 mg/Kg at 19 ft bgs, which decreased to 448 mg/Kg at 40 ft bgs. On July 10th, 2015, an additional 2 soil bores were installed at the site SB-6 returned a laboratory chloride reading of 1,060 mg/Kg at 6 ft bgs, which decreased to 352 mg/Kg at 36 ft bgs. SB-7 returned a laboratory chloride reading of <16 mg/kg at the surface and 352 mg/Kg at 9 ft bgs. On June 15th, 2016, an additional soil bore was installed at the site. SB-8 returned a laboratory chloride reading of 752 mg/Kg at 3 ft bgs and 192 mg/Kg at 24 ft bgs. GRO and DRO readings at all depth in all bores were non-detect. The bore holes were plugged with bentonite to ground surface.

Basin analyzed historical photos to determine if there was any other indication of historical oilfield activity. Historical oilfield activity is clearly visible beginning in the 1955 historical photo, which appears to have caused a large disturbed area directly upgradient of our site.

CAP Report and Soil Closure Request

A Corrective Action Plan (CAP) was submitted on the August 31st, 2017 and the soil CAP approved by the NMOCD on the September 7th, 2017. The CAP proposed installing a 35 x 50 ft, 20-mil reinforced liner at 5-4 ft bgs.

In order to inhibit the downward migration of residual constituents through the vadose zone, ROC installed a 20-mil reinforced poly liner across the site with the dimensions of 35 x 50 ft, which covered the previously installed 30 x 30 ft clay liner. A total of 396 cubic yards of excavated soil were taken to a NMOCD approved facility for disposal. The bottom of the excavation was padded with 6 inches imported blow sand and a 20-mil reinforced liner was installed and properly seated at 4.5 ft bgs. The top of the liner was padded with 6 inches of imported blow sand, and the excavation was backfilled to ground surface with blended backfill soil and imported top soil. A sample of the blended backfill and a sample of the imported top soil were field tested for hydrocarbons using a PID, resulting in readings of 0.5 and 1.1 ppm, respectively. Each sample was sent to a commercial laboratory for analysis of chloride and returned a result of 16 mg/kg and <16 mg/kg, respectively. The backfilled site was then seeded with a blend of native vegetation. Vegetation above the liner will also provide a natural infiltration barrier for the site, since plants capture water through their roots thereby reducing the volume of water moving through the vadose zone. Documentation of this work is included in the Appendix.

Groundwater Monitoring Plan

In order to determine what affect the residual chlorides may have had on the groundwater quality below the site, BEST recommends that ROC install a near-source monitor well (MW-1) located approximately 25 feet down-gradient of the former junction box. To determine if there is an up-gradient source of contaminates coming onto the site, MW-2 will be installed approximately 70

May 17, 2018

feet up-gradient of the former junction box. Also, an additional monitoring well (MW-3) will be installed approximately 100 feet down-gradient of the former junction box (see Proposed Monitoring Wells). Additional monitoring wells may be required to fully delineate groundwater quality. The monitor wells will be installed to NMOCD and EPA standards and then sampled quarterly. Once the monitor wells at the site have been analyzed to determine groundwater quality, ROC will either submit a groundwater remedy to NMOCD to address groundwater quality at the site or submit a termination request for site closure.

ROC has completed the vadose zone remediation as approved by NMOCD in the CAP. The 20-mil reinforced liner will inhibit the further migration of chlorides through the vadose zone in to groundwater. Therefore, ROC requests "Soil Closure" or similar closure status.

Basin appreciates the opportunity to work with you on this project. Please call Katie Jones Davis at (575) 393-9174 or me if you have any questions or wish to discuss the site.

Sincerely,

Edward J. Hansen

Edward J. Hansen
Senior Hydrologist
Basin Environmental Service Technologies

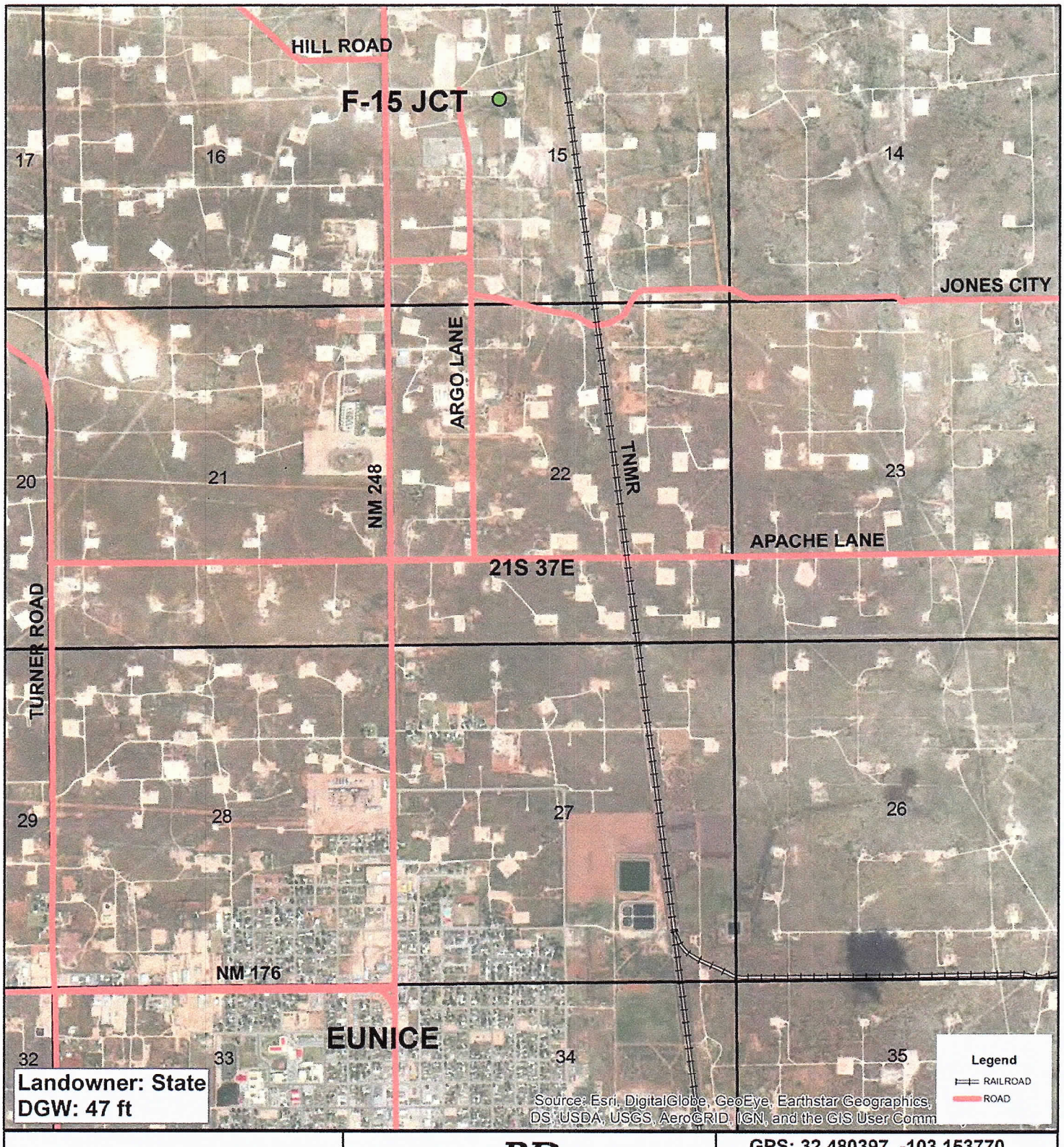
Attachments:

- Geographical Location Map
- Area Map
- Installed Liner Plat
- Proposed Monitoring Wells Plat
- Appendix – Liner Installation Documentation

Plats

Basin Environmental Service Technologies
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

Geographic Location



Basin Environmental Service Technologies
Effective Solutions

BD

JCT F-15

1R426-255

UL F SECTION 15
T-21-S R-37-E
LEA COUNTY, NM

GPS: 32.480397 -103.153770

N
W E
S

0 0.25 0.5
Miles

Drawing date:4/17/18
Drafted by: T. Grieco

Area Map

Basin Environmental Effective Solutions Service Technologies

BD
JCT F-15
1R426-255

UL F SECTION 15
T-21-S R-37-E
LEA COUNTY, NM

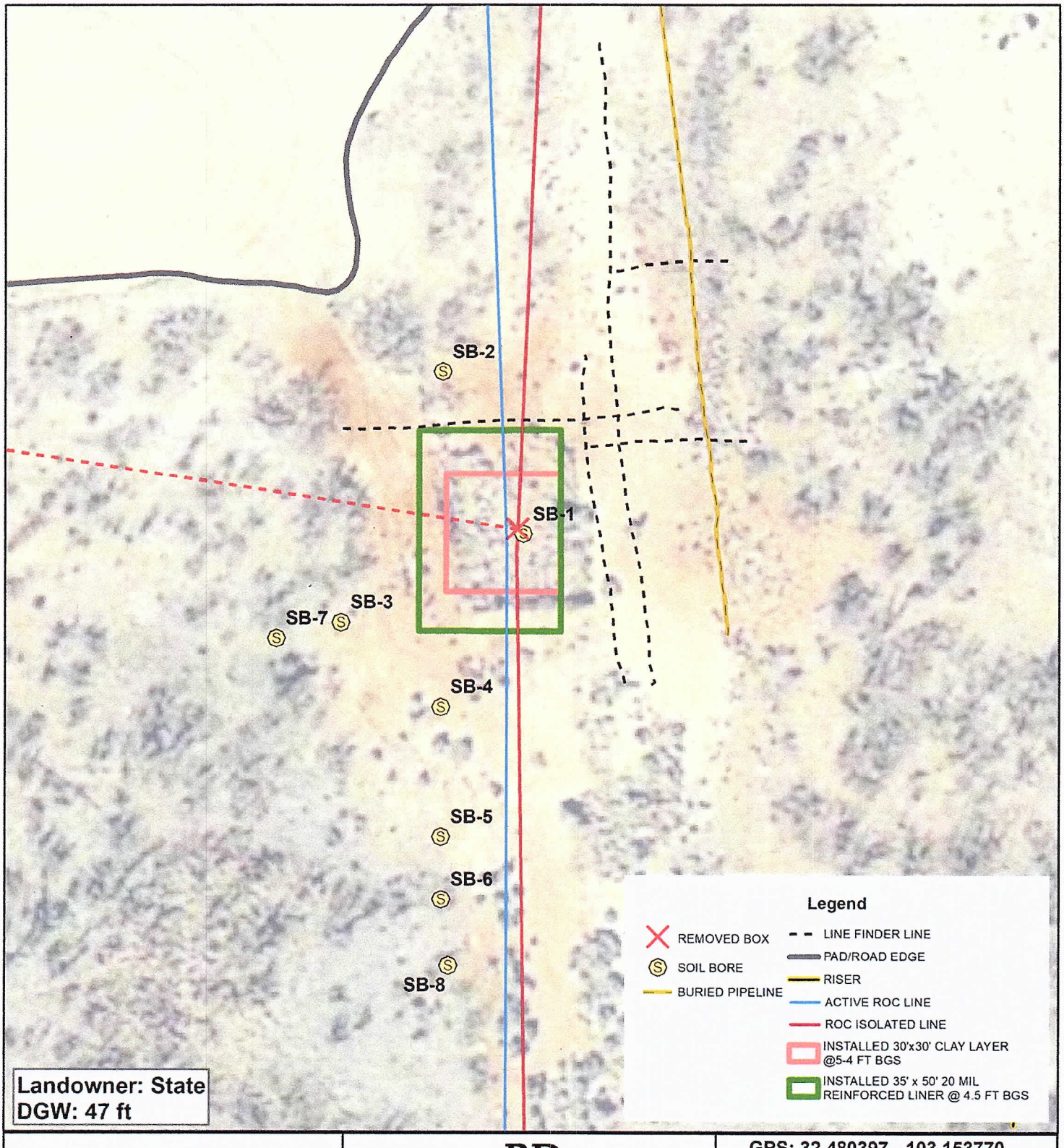
GPS: 32.480397 -103.153770

N W E S

0 250 500 Feet

Drawing date:4/17/18
Drafted by: T. Grieco

Installed Liner



Basin Environmental Service Technologies
Effective Solutions

BD

JCT F-15

1R426-255

UL F SECTION 15
T-21-S R-37-E
LEA COUNTY, NM

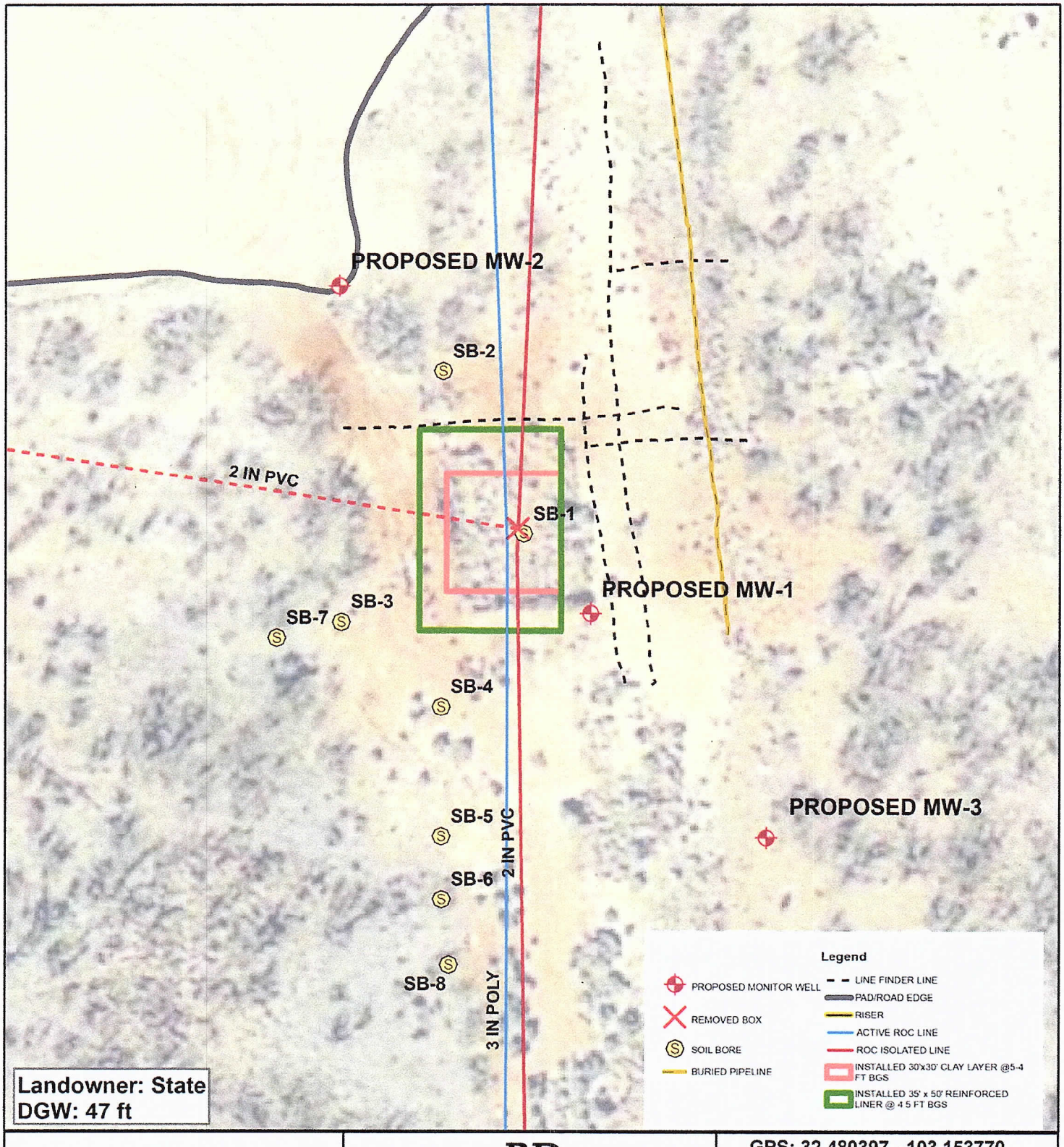
GPS: 32.480397 -103.153770

0 25 50 Feet

N W E S

GPS Date: 7/10/15 CF
Drawing date:4/17/18
Drafted by: T. Grieco

Proposed Monitor Wells



Basin Environmental Service Technologies
Effective Solutions

BD

JCT F-15

1R426-255

UL F SECTION 15
T-21-S R-37-E
LEA COUNTY, NM

GPS: 32.480397 -103.153770

0 25 50 Feet

N W E S

GPS Date: 7/10/15 CF
Drawing date:4/17/18
Drafted by: T. Grieco

Appendix

Basin Environmental Service Technologies
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

BD Jct. F-15

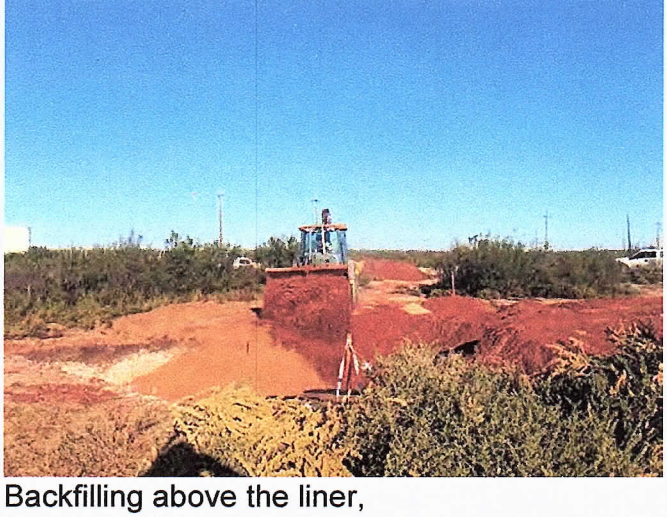
Unit F, Sec. 15, T21S, R37E

Site prior, facing north 3/7/2017

Excavating the site to 5 ft bgs, facing north 10/23/2017

Excavation complete to a depth of 5-ft bgs and importing soil, facing northwest 10/30/2017

20-mil reinforced liner installed at 4.5 ft bgs, facing north 10/31/2017



Backfilling above the liner, facing southeast 11/1/2017

Site complete, facing north 2/8/2018

CARDINAL Laboratories

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

October 27, 2017

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD JCT F-15

Enclosed are the results of analyses for samples received by the laboratory on 10/23/17 16:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 Operating Company
KATIE JONES
112 W. Taylor
Hobbs NM, 88240
Fax To: (575) 397-1471

Received:	10/23/2017	Sampling Date:	10/23/2017
Reported:	10/27/2017	Sampling Type:	Soil
Project Name:	BD JCT F-15	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	21-37		

Sample ID: 8 PT. BLENDED BACKFILL COMP. (H702903-01)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/26/2017	ND	432	108	400	0.00	

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Rice Operating
Project Manager: Katie Jones
Address:
City: Hobbs State: NM Zip:
Phone #: Fax #:
Project #: Project Owner:
Project Name:
Project Location: BD Jct. F-15
Sampler Name: Karanja Lewis

BILL TO
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

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
H7D2903 1	8pt. Blended Backfill Comp.	C	1			X					X		10-23-17	9:30	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: Date: 10-23-17 Time: 4:36 Received By: Jodi Henson
Relinquished By: Date: Time: Received By:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: #75 12.85°/12.6°
Sample Condition: Cool ☐ Yes ☐ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) GK

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
knorman@tasman-geo.com
tgreico@basinew.com
kjones@riceswd.com
klewis@tasman-geo.com

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Corrected + 25°

Tasman Geosciences, Inc.

2620 W Marland Hobbs, NM 88240
PHONE: (575) 318-5017
PID METER CALIBRATION & FIELD REPORT FORM

CK. MODEL NO.	
	X

MODEL: PGM 7300 SERIAL NO: 590-000508
MODEL: PGM 7300 SERIAL NO: 590-000504
MODEL: PGM 7300 SERIAL NO: 590-902690
MODEL: PGM 7300 SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100 PPM / AIR: BALANCE

LOT NO: 544188 Cyl:167	EXPIRATION DATE: 9/2019
METER READING ACCURACY: 100 ppm	

ACCURACY : +/- 2%

COMPANY
RICE Operating Company

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Jct. F-15	F	15	21S	37E

SAMPLE ID	PID	SAMPLE ID	PID
8pt Blended Backfield Comp.	0.5		

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE: KL DATE: 10/23/2017

CARDINAL Laboratories

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

November 06, 2017

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD F-15

Enclosed are the results of analyses for samples received by the laboratory on 11/01/17 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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.

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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 Operating Company
KATIE JONES
112 W. Taylor
Hobbs NM, 88240
Fax To: (575) 397-1471

Received:	11/01/2017	Sampling Date:	11/01/2017
Reported:	11/06/2017	Sampling Type:	Soil
Project Name:	BD F-15	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: IMPORTED TOP SOIL (H703011-01)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/03/2017	ND	432	108	400	0.00	

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Rice Operating
Project Manager: Katie Jones
Address:
City: State: Zip:
Phone #: Fax #:
Project #: Project Owner:
Project Name:
Project Location: BD F-15
Sampler Name: Karanja Lewis

BILL TO
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

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
H703011-1	Imported Top Soil	G	1			X					X		11-1-17	1:30	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: Date: 11-1-17 Time: 4:00 Received By: Tamara Eldridge
Relinquished By: Date: Time: Received By:

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 27.7°C Corrected 27.9°C

Sample Condition: Cool: Yes / No; Intact: Yes / No

CHECKED BY: (Initials) TP. #75

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
kjones@ricesud.com
knorman@tasman-geo.com
klewis@tasman-geo.com
tgrieco@basinenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Tasman Geosciences, Inc.

2620 W Marland Hobbs, NM 88240
PHONE: (575) 318-5017
PID METER CALIBRATION & FIELD REPORT FORM

CK. MODEL NO.			
		MODEL: PGM 7300	SERIAL NO: 590-905146
	X	MODEL: PGM 7300	SERIAL NO: 590-000504
		MODEL: PGM 7300	SERIAL NO: 590-902690
		MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100 PPM / AIR: BALANCE

LOT NO: 544188 Cyl:167	EXPIRATION DATE: 9/2019
METER READING ACCURACY: 100 ppm	

ACCURACY : +/- 2%

COMPANY
RICE Operating Company

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Jct. F-15	F	15	21S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Imported Top Soil	1.1		

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE: KL DATE: 11/1/2017

RICE OPERATING COMPANY
ROC
SINCE 1955

112 West Taylor
Hobbs, NM 88240
Phone: (575) 393-9174
Fax: (575) 397-1471

VEGETATION FORM

1. General Information

Site name: BD Jct. F-15						
U/L	Section	Township	Range	County	Latitude	Longitude
F	15	21S	37E	Lea	32.480397	-103.15377
Contact Name: Katie Jones Davis						
Email: kjones@riceswd.com						
Site size: 5,886 square feet						

2. Soils **Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed.*

Salvaged from site		Bioremediated		Imported	X	Blended		Depth (in)			
Texture: sandy				Describe soil & subsoil: top soil and blow sand							
Soil prep methods:	Rip		Depth (in)		Disc	X	Depth (in)	3	Rollerpack		
Date completed: 11/2/2017											

3. Bioremediation

Fertilizer		Hay		Other	
Type:		Describe:		Describe:	
Lbs/acre:					

4. Seeding **Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R.*

Custom Seed Mix	X	Prescribed Mix		Seed Mix Name: 5 lbs Lea County Mix & 25 lbs Beardless Wheat Seed Mix		Date: 12/11/2017
Method: broadcast with seeder						
Soil conditions during seed:	Dry	X	Damp		Wet	
Observations: Seed was tilled into the soil						

5. Certification I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Name: Katie Jones Davis	Title: Environmental Manager	Date: 12/11/2017
Signature: Katie Jones Davis		