

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

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Dugan Production Corp.	Contact	Rodger Mullins
Address	P O Box 420, Farmington, NM 87499-0420	Telephone No.	505-325-1821
Facility Name	July Jubilee #2	Facility Type	Oil Well

Surface Owner	Federal	Mineral Owner	Fee	API No.	30-045-25123
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	29	24N	9W	790	North	790	West	San Juan

Latitude 36.29036 Longitude 107.81796

NATURE OF RELEASE

Type of Release	Crude Oil	Volume of Release	unknown	Volume Recovered	16 bbls
Source of Release	Production Tank	Date and Hour of Occurrence	1-15-13 - time unknown	Date and Hour of Discovery	1-15-13 @ 0900 hrs
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD - Brandon Powell BLM - Mark Kelly			
By Whom?	Rodger Mullins	Date and Hour	1-16-13 @ 1515 hrs		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

RCVD MAR 25 '13
OIL CONS. DIV.
DIST. 3

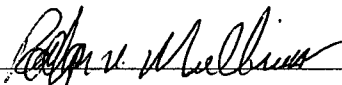
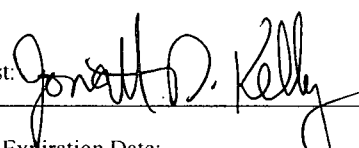
Describe Cause of Problem and Remedial Action Taken.*

Production tank developed a hole allowing crude oil to leak into the containment area.

Describe Area Affected and Cleanup Action Taken.*

Oil was sucked up. Production tank was removed and repaired. Contaminated dirt was removed (see attached landfarm receipts). Hole in ground was tested to insure zero contamination (see attached lab results before and after excavation). Contaminated dirt was replaced with clean dirt. Production tank was re-set.

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: Rodger Mullins	Approved by Environmental Specialist: 	
Title: Environmental	Approval Date: 4/25/2013	Expiration Date:
E-mail Address: rmullins@duganproduction.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: March 22, 2013 Phone: 505-326-4548		

* Attach Additional Sheets If Necessary

NJK1311547640

550 yrd.

LANDFARM 2

RECEIVAL DATE	CLIENT NAME	LOCATION	CY	BBL	Exempt?	COMMENTS	BOL	CHLORIDES	Tests	2nd Tests
1/16/2013	Dugan Pro	July Jubilee #2	12		Yes	Cont. Soil	42703	-278	1	
1/17/2013	Dugan Pro	July Jubilee #2	60		Yes	Cont. Soil	42711	-278	2	
1/18/2013	Dugan Pro	July Jubilee #2	36		Yes	Cont. Soil	42720	-278	1	
1/18/2013	Dugan Pro	July Jubilee #2	43		Yes	Cont. Soil	42724	-278	1	

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LANDFARM 2

RECEIVAL DATE	CLIENT NAME	LOCATION	CY	BBL	Exempt?	COMMENT S	BOL	CHLORIDE S	Tests	2nd Tests
2/26/2013	Dugan Pro.	July Jubilee #2	9		Yes	Cont. Soil	42997	-278	1	
2/27/2013	Dugan Pro.	July Jubilee #2	40		Yes	Cont. Soil	42999	-278	1	
2/27/2013	Dugan Pro.	July Jubilee #2	40		Yes	Cont. Soil	43000	-278	1	
2/27/2013	Dugan Pro.	July Jubilee #2	10		Yes	Cont. Soil	43005	-278	1	
2/28/2013	Dugan Pro.	July Jubilee #2	60		Yes	Cont. Soil	43006	-278	2	
2/28/2013	Dugan Pro.	July Jubilee #2	50		Yes	Cont. Soil	43007	-278	2	
2/28/2013	Dugan Pro.	July Jubilee #2	30		Yes	Cont. Soil	43009	-278	1	

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LANDFARM 2

RECEIVAL DATE	CLIENT NAME	LOCATION	CY	BBL	Exempt?	COMMENTS	BOL	CHLORIDES	Tests	2nd Tests
3/1/2013	Dugan Pro.	July Julibee #2	40		Yes	Cont. Soil	43016	-278	2	
3/1/2013	Dugan Pro.	July Julibee #2	60		Yes	Cont. Soil	43017	-278	2	
3/1/2013	Dugan Pro.	July Julibee #2	60		Yes	Cont. Soil	43018	-278	2	

160



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

February 21, 2013

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: PIT CLOSURES *walls before*

Enclosed are the results of analyses for samples received by the laboratory on 02/15/13 10:30.

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

Cardinal Laboratories is accredited 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

Lab Director/Quality Manager

Analytical Results For:

DUGAN PRODUCTION
 MIKE SANDOVAL
 P. O. BOX 420
 FARMINGTON NM, 87499
 Fax To: (505) 327-4043

Received: 02/15/2013
 Reported: 02/21/2013
 Project Name: PIT CLOSURES
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 02/13/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: JULY JUBILEE #2 (H300429-01)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/20/2013	ND	2.31	116	2.00	6.54	
Toluene*	115	5.00	02/20/2013	ND	2.41	121	2.00	9.30	
Ethylbenzene*	33.5	5.00	02/20/2013	ND	2.33	116	2.00	8.52	
Total Xylenes*	377	15.0	02/20/2013	ND	7.27	121	6.00	9.48	
Total BTEX	526	30.0	02/20/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/19/2013	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	28100	500	02/18/2013	ND	4520	90.4	5000	13.7	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	8130	50.0	02/20/2013	ND	214	107	200	4.38	
DRO >C10-C28	11000	50.0	02/20/2013	ND	184	92.1	200	4.32	
Total TPH C6-C28	19100	50.0	02/20/2013	ND	399	99.7	400	4.35	

Surrogate: 1-Chlorooctane 189 % 65.2-140

Surrogate: 1-Chlorooctadecane 350 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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



C. D. Keene, Lab Director/Quality Manager

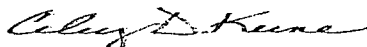
Notes and Definitions

- 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

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Caley D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page ____ of ____

Client: Sugar Production

Contact: Mike Sandoval

Address: _____

Phone Number: 505-330-0929

Email: Mike Sandoval @ sugar production

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# July Jubilee #2

Project Name: Tank Containment

Samplers Signature: Mike Sandoval

Table 1. - Matrix Type

- 1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB # _____

Lab Name: Green Analytical Laboratories

(970) 247-4220

FAX (970) 247-4227

Address: 75 Suttle Street, Durango, CO 81303

www.greenanalytical.com

Analyses Required

Sample ID	Collection		Collected by: (Init.)	Miscellaneous			Preservative(s)						Comments	
	Date	Time		Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)		
H300409														
1. July Jubilee #2	2-13-13	1:30												6.6c on ice
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														

Relinquished by: <u>Mike Sandoval</u>	Date: <u>2-13-13</u>	Time: <u>3:31</u>	Received by: <u>Christa Clark</u>	Date: <u>2/13/13</u>	Time: <u>15:31</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: <u>Anthony Perry</u>	Date: <u>2/15/13</u>	Time: <u>10:30</u>

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

40c #20



PHONE (575) 393-2375 * 101 E. MARLAND * MOBUS, NM 87240

March 14, 2013

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: PIT CLOSURES *walls after*

Enclosed are the results of analyses for samples received by the laboratory on 03/06/13 10:45.

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

Cardinal Laboratories is accredited 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,

A handwritten signature in cursive script that reads 'Celey D. Keene'.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 MIKE SANDOVAL
 P. O. BOX 420
 FARMINGTON NM, 87499
 Fax To: (505) 327-4043

 Received: 03/06/2013
 Reported: 03/14/2013
 Project Name: PIT CLOSURES
 Project Number: WALLS JULY JUBILEE #2
 Project Location: NOT GIVEN

 Sampling Date: 03/04/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Hanson

Sample ID: JULY JUBILEE #2 (H300564-01)

BTX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/11/2013	ND	2.09	104	2.00	0.212		
Toluene*	<0.050	0.050	03/11/2013	ND	2.07	103	2.00	1.15		
Ethylbenzene*	<0.050	0.050	03/11/2013	ND	1.99	99.6	2.00	1.26		
Total Xylenes*	<0.150	0.150	03/11/2013	ND	6.02	100	6.00	1.76		
Total BTX	<0.300	0.300	03/11/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/07/2013	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	60.0	10.0	03/13/2013	ND	140	107	131		SUB-SS

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	03/06/2013	ND	216	108	200	1.28	
DRO >C10-C28	<10.0	10.0	03/06/2013	ND	216	108	200	3.24	
Total TPH C6-C28	<10.0	10.0	03/06/2013	ND	432	108	400	0.954	

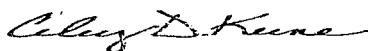
Surrogate: 1-Chlorooctane 74.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.1 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Coley D. Keene, Lab Director/Quality Manager

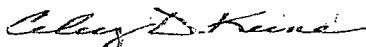
Notes and Definitions

- SUN-SS Analysis subcontracted to SunStar Laboratories, Inc.
- 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 SM-500C-B does not require samples be received at or below 6°C
- Samples reported on as received basis (wet) unless otherwise noted on report

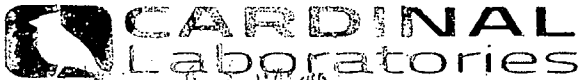
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Coley D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MAINLAND • MOORE, NM 88201

February 21, 2013

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM-87499

RE: PIT CLOSURES *Floor Before*

Enclosed are the results of analyses for samples received by the laboratory on 02/15/13 10:30.

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

Cardinal Laboratories is accredited 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

Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 MIKE SANDOVAL
 P. O. BOX 420
 FARMINGTON NM, 87499
 Fax To: (505) 327-4043

 Received: 02/15/2013
 Reported: 02/21/2013
 Project Name: PIT CLOSURES
 Project Number: JULY JUBILEE #2
 Project Location: NOT GIVEN

 Sampling Date: 02/13/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: JULY JUBILEE #2 (H300428-01)

BTX 8021B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/20/2013	ND	2.31	116	2.00	6.54	
Toluene*	80.4	5.00	02/20/2013	ND	2.41	121	2.00	9.30	
Ethylbenzene*	22.0	5.00	02/20/2013	ND	2.33	116	2.00	8.52	
Total Xylenes*	270	15.0	02/20/2013	ND	7.27	121	6.00	9.48	
Total BTX	372	30.0	02/20/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 119 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/19/2013	ND	432	108	400	0.00	

TPH 418.1		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	8940	500	02/18/2013	ND	4520	90.4	5000	13.7	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	5270	50.0	02/20/2013	ND	214	107	200	4.38	
DRO >C10-C28	4700	50.0	02/20/2013	ND	184	92.1	200	4.32	
Total TPH C6-C28	9970	50.0	02/20/2013	ND	399	99.7	400	4.35	

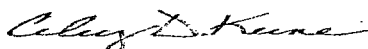
Surrogate: 1-Chlorooctane 212 % 65.2-140

Surrogate: 1-Chlorooctadecane 158 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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Cefey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page ____ of ____

Client: Dagan Production
 Contact: Mike Sanders
 Address: _____
 Phone Number: 505-330-0929
 Email: cal@lfe

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# July Jubilee #2

Project Name: "Tank Containment"
"Floor"

Table 1. - Matrix Type	
1 = Surface Water, 2 = Ground Water	
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil	
6 = Waste, 7 = Other (Specify)	

FOR GAL USE ONLY
 GAL JOB # _____

Samplers Signature: Mike Sanders

Lab Name: Green Analytical Laboratories		(970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments			
Address: 75 Suttle Street, Durango, CO 81303		www.greenanalytical.com															
Sample ID	Collection		Miscellaneous			Preservative(s)											
	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)					
H300428																	
July Jubilee #2	2-13-13	1:45															6.6e onlu
2.																	cc
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
Relinquished by: <u>Mike Sanders</u>			Date: <u>2-13-13</u>		Time: <u>3:31</u>		Received by: <u>Christy Clark</u>			Date: <u>2/13/13</u>		Time: <u>15:31</u>					
Relinquished by: _____			Date: _____		Time: _____		Received by: <u>Joel Henson</u>			Date: <u>2/15/13</u>		Time: <u>10:30</u>					

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

40°C #26



CARDINAL
Laboratories

PHONE (575) 398-2326 • 101 E. MAIN AVE • HOBBS, NM 88240

March 14, 2013

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM-87499

RE: PIT CLOSURES *4100~ after*

Enclosed are the results of analyses for samples received by the laboratory on 03/06/13 10:45.

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

Cardinal Laboratories is accredited 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

Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 MIKE SANDOVAL
 P.O. BOX 420
 FARMINGTON NM, 87409
 Fax To: (505) 327-4043

 Received: 03/06/2013
 Reported: 03/14/2013
 Project Name: PIT CLOSURES
 Project Number: JULY JUBILEE FLOOR
 Project Location: NOT GIVEN

 Sampling Date: 03/04/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: JULY JUBILEE (H300565-01)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2013	ND	2.09	104	2.00	0.212	
Toluene*	<0.050	0.050	03/11/2013	ND	2.07	103	2.00	1.16	
Ethylbenzene*	<0.050	0.050	03/11/2013	ND	1.99	99.6	2.00	1.26	
Total Xylenes*	<0.150	0.150	03/11/2013	ND	6.02	100	6.00	1.76	
Total BTEX	<0.300	0.300	03/11/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/07/2013	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<10.0	10.0	03/13/2013	ND	140	107	131		SUB-SS

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	03/07/2013	ND	220	110	200	8.19	
DRO >C10-C28	<10.0	10.0	03/07/2013	ND	214	107	200	6.47	
Total TPH C6-C28	<10.0	10.0	03/07/2013	ND	434	109	400	7.34	


Surrogate: 1-Chlorooctane 84.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.7 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

SUB-PS Analyte subcontracted to SunChem Laboratories, Inc.
 ANALY Analyte NOT DETECTED at or above the reporting limit
 RPD Relative Percent Difference
 ** Samples not received at proper temperature of 6°C or below.
 *** Insufficient time to reach temperature.
 - Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

***=Accredited Analyte**

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Clay D. Kuni

Clay D. Kuni, Lab Director/Quality Manager

DUGAN PRODUCTION CORP.

JULY JUBILEE #2

NM24661

API # 30-045-25123

790' FNL, 790' FWL

NWNW SEC. 29, T24N, R9W

LAT. 36.29036 LONG. 107.81796

SAN JUAN COUNTY, NM

OR EMERGENCY CALL (505) 325-1823



