

February 5, 2016

Mr. Jamie Keyes (jamie.keyes@state.nm.us) Mr. Tomas Oberding (tomas.oberding@state.nm.us)

Re: Oil Spill Report – Dugan Production – KM Chaveroo Tank Battery Chaves, Co., NM

Gentlemen:

On August 24, 2015, Dugan Production notified the NMOCD of a crude oil spill at our KM Chaveroo Tank Battery located in LAT 33.651832, LONG -103.540328, CHAVES CO. NM. It is estimated that 205 bbls of crude oil was lost, with 50 bbls recovered and stored in an adjacent tank. The cause of the tank was a corrosion hole near the base of the storage tank. The tank was full and waiting to sell a load of oil when the hole occurred.

On schematic 2 at reference point 6, a line leak not associated with the storage take failure was found and repaired. The damage from that leak was noted on the drawing and repaired.

The attached reports have all be previously submitted to you, I wanted to put them all in one document for your convenience

I am prepared to send one of our production foremen to meet with you and address any concerns you have about remediation of this facility.

Please contact me with any questions you have and what steps you would want me to take next.

John Alexander Vice President Dugan Production Corp. PO Box 420 Farmington, NM 87499

PLAN FOR REMEDIATION OF OIL SPILL KM CHAVEROO TANK BATTERY LAT 33.651832 LONG -103.540328 CHAVES CO. NM

Occurrence:

On August 24, 2015 our contract pumper Rainy McKay reported that one of the oil storage tanks at the subject tank battery had developed a corrosion hole near the base of the tank. A total of 255 bbls of crude oil was released. We recovered 50 bbls of oil. There are two tanks in the battery. The recovered oil was transferred into the non-damaged tank. The 205 bbl spill was located near the tank batter has shown on the attached plan view of the location. Mr. McKay notified Ms. Kellie Jones with NMOCD in Hobbs, NM. A report of the spill was filed with NMOCD in Hobbs.

Plan To Remediate:

- 1. The damaged tank is removed for service.
- 2. Remove the stock piled soil that was removed from the spill area. The soil will be taken to an NMOCD approved remediation facility.
- 3. Samples will be taken from the areas where the soil was stock piled on location. The results will be sent to NMOCD, Hobbs.
- 4. The areas that are stained will be sampled at the same time. The location of sampling and pertinent depth and other data will be reported to NMOCD.
- 5. After sampling a plan for contaminated soil removal will be cleared with NMOCD.
- 6. The NMOCD will be updated on the cleanup progress.

Contacts: John Alexander Vice President Dugan Production Corp. 505-325-1821 office 505-320-1935 cell John.alexander@duganproduction.com

Rainy McKay Contract pumper for Dugan Production 575-602-3796 cell rcmckay@hotmail.com

Prepared by John Alexander.

Schematic #1 Km Bintlery 500 6131 500 801 LCAL 100% PANT 3'derr 3' Wide + 12' Lows 3H, 3V Ducys Fact of H ait s a V 1-14 HErzicwonl 1-V Vortical 16 1-11 Stimples St Deer .37'



September 08, 2015

JOHN ALEXANDER DUGAN PRODUCTION P. O. BOX 420

FARMINGTON, NM 87499

1ST JOI Sam Ars

RE: K M BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/01/15 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/01/2015	Sampling Date:	09/01/2015
Reported:	09/08/2015	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHAVES CO, NM		

Sample ID: SAMPLE #1 (H502326-01)

BTEX 8021B	mg	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.23	0.500	09/03/2015	ND	1.90	95.1	2.00	0.227	
Toluene*	14.1	0.500	09/03/2015	ND	1.74	86.8	2.00	0.647	
Ethylbenzene*	27.1	0.500	09/03/2015	ND	1.80	90.1	2.00	0.934	
Total Xylenes*	23.3	1.50	09/03/2015	ND	5.43	90.5	6.00	1.45	
Total BTEX	65.7	3.00	09/03/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL				0					

Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/04/2015	ND	432	108	400	7.69	
TPH 8015M		g/kg Analyzed By:		І Ву: СК					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	597	200	09/02/2015	ND	190	94.9	200	0.159	
DRO >C10-C28	18700	200	09/02/2015	ND	206	103	200	0.564	
Total TPH C6-C28	19300	200	09/02/2015	ND	396	99.0	400	0.370	
Surrogate: 1-Chlorooctane	176 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	309 9	52.1-17	6						

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 limited to 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 Clerit, 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.

Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2015	Sampling Date:	09/01/2015
Reported:	09/08/2015	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHAVES CO, NM		

Sample ID: SAMPLE #2 (H502326-02)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	09/03/2015	ND	1.90	95.1	2.00	0.227	
Toluene*	3.86	0.500	09/03/2015	ND	1.74	86.8	2.00	0.647	
Ethylbenzene*	22.3	0.500	09/03/2015	ND	1.80	90.1	2.00	0.934	
Total Xylenes*	22.5	1.50	09/03/2015	ND	5.43	90.5	6.00	1.45	
Total BTEX	48.6	3.00	09/03/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 9	% 85.6-13	7						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/04/2015	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: CK				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	547	200	09/02/2015	ND	190	94.9	200	0.159	
DRO >C10-C28	23900	200	09/02/2015	ND	206	103	200	0.564	
Total TPH C6-C28	24500	200	09/02/2015	ND	396	99.0	400	0.370	
Surrogate: 1-Chlorooctane	192	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	424	% 52.1-17	6						

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 walved 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.

Celez D. Keine-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2015	Sampling Date:	09/01/2015
Reported:	09/08/2015	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHAVES CO, NM		

Sample ID: SAMPLE #3 (H502326-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.9	2.50	09/04/2015	ND	1.96	98.1	2.00	0.983	
Toluene*	112	2.50	09/04/2015	ND	1.79	89.3	2.00	1.10	
Ethylbenzene*	235	2.50	09/04/2015	ND	1.84	91.8	2.00	2.38	
Total Xylenes*	204	7.50	09/04/2015	ND	5.74	95.7	6.00	0.630	
Total BTEX	562	15.0	09/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1219	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/04/2015	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4080	200	09/02/2015	ND	190	94.9	200	0.159	
DRO >C10-C28	30300	200	09/02/2015	ND	206	103	200	0.564	
Total TPH C6-C28	34300	200	09/02/2015	ND	396	99.0	400	0.370	
Surrogate: 1-Chlorooctane	271 9	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	444 9	6 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's lability 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 Clerit, 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.

Celley D. Kune-



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 SM4500CI-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

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 neglegence and any other cause whatsoever shall be deemed walved 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, affikiates or successoria arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such climins based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall note perioduced except in full with written approval of Cardinal Laboratories.

Celay D. Keine

PLEASE UNTE: Labelity and Demagns. Cardinal's labelity and dearty exclusive remedy for any analysis. At claims including these the merglemes and any other carata vehalower value be doesn't. In no event shall Cardinal to table for encluded in connectuation water andrese to succession among out of or related to the performance of awnees hereunder by Car Relinquished By: Relinquished By: Date: Delivered By: Crincle One)	- 20mpt +2 +2 -	Lab I.D. Sample I.D.	on: ANONES	X	Phone #: Fax #:	armina	anager:	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: 049040 Production
PLASE forms Contract, challing and Dennigen. Counsults hability and clearing exclusion remarky for any claim arrange whether based in contract or bot, chall be lended to the annual paid by the clear latter analyses. At claims and carbonal carbonal works and any other carbonal works and the lended to the annual paid by the clear latter analyses. At claims are subject to the performance of the performan		ACID/BASE: ICE / COOL COOL COUL COUL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : COUL	Ph Fay	State: Zip:		Zip: Attn:	P.O. #:	8 6 6 110/1 BILL TO
by the cleft to the contract of the contract of the cleft to the contraction of the contract o		TPH GTEX						ANALYSIS REQUEST

Sampler - UPS - Bus - Other:

4.20

Sample Condition Cool Intact Yes Pres

CHECKED BY:

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 533-2326

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories



Dugan Production Corp. KM Chaveroo Battery

ふつつため

All samples will be taken at the surface

Soil Sample Location Plan View

1 - 4' from south end of spill and 5' from existing firewall – this is approximately the intersection of the oil flow with the spill area.

2-40' from the south end of the spill area and 8' from the edge of the spill area

3-5' from the north end of the spill area and 15' from the edge of the spill area

4 - 10' north and 14' west of sample point 2

5 – is in a 15'x15' area which is approximately 10' south and east of the southernmost 500 bbl. tank. It is not associated with the most recent spill, but was cleaned up during that effort.

6 – is in a 3'x4' area approximately 12' east of the southernmost 500 bbl. tank. It is not part of the most recent spill, but a leak was noticed during inspection of the spill. That leak was repaired the day following the inspection. The area was cleaned up on the same day as repair was made.

7 and 8 – are in a 25'x30' area that is approximately 12' east of the southernmost 500 bbl tank. This area is not associated with the most recent spill, but was cleaned up during that effort. Sample 7 is 5' from the south end of the contaminated area and sample 8 is 5' from the north end of the same area.



January 25, 2016

JOHN ALEXANDER DUGAN PRODUCTION P. O. BOX 420

FARMINGTON, NM 87499

2 Not Soil Samples

RE: K M BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/19/16 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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,

Celeg D. Kune

Celey D. Keene Lab Director/Quality Manager



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		

Sample ID: #1 (H600112-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	65.6	10.0	01/20/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	65.6	10.0	01/20/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	93.4	% 35-147							
Surrogate: 1-Chlorooctadecane	101	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

PLEXE 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 walved unless made in writing and received by Cardinal within thirty (30) days after competion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of uses of uses 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 claims taked upon any of the above stated reasons or otherwise. Results relate only to be subject for provide claims to be samples leaved and the sample above reports in full with written approval of Cardinal Laboratories.

Celeg D. Kuna



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		

Sample ID: #2 (H600112-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/20/2016	ND	400	100	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	01/20/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	<10.0	10.0	01/20/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	<10.0	10.0	01/20/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	95.5	% 35-147							
Surrogate: 1-Chlorooctadecane	98.7	% 28-171							

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 walved 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.

Calago Kana

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		

Sample ID: #3 (H600112-03)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 73.6-14	0						
Chloride, SM4500CI-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	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	<10.0	10.0	01/20/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	<10.0	10.0	01/20/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	92.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	94.4	% 28-171							

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 Laboratones.

Celey D. Kenne-



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		

Sample ID: #4 (H600112-04)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					/
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	130	10.0	01/20/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	130	10.0	01/20/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	95.8	% 35-147	,						
Surrogate: 1-Chlorooctadecane	99.8	28-171							

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.Kune-



01/19/2016 Soil Cool & Intact Celey D. Keene

Analytical Results For:

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

01/19/2016	Sampling Date:	(
01/25/2016	Sampling Type:	5
K M BATTERY	Sampling Condition:	(
NONE GIVEN	Sample Received By:	(
SEC 2, T8S, R33ECHAVES CO, NM		
	01/25/2016 K M BATTERY NONE GIVEN	01/25/2016Sampling Type:K M BATTERYSampling Condition:NONE GIVENSample Received By:

Sample ID: #5 (H600112-05)

BTEX 8021B	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: AP					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	24.4	10.0	01/21/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	532	10.0	01/21/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	557	10.0	01/21/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	97.6	% 35-147	7						
Surrogate: 1-Chlorooctadecane	108 9	6 28-171							

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 walved unless made in writing and received by Cardinal within thirty (30) days after competion of the applicable service. In no event shall Cardinal be liable for incidental damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiantes, 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 related to the samples leaded claim is have the samples leaded and the samples leaded claim is have the stated reasons or otherwise. Results related to the samples leaded state and the sample shall be availed above. This report shall not be reproduced except in (1) with writing approval of Cardinal Laboveranties.

Celez D. Keine



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		

Sample ID: #6 (H600112-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	< 0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.1	% 73.6-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2016	ND	191	95.3	200	1.65	

ND

ND

197

388

98.7

97.0

01/20/2016

01/20/2016

10.0

10.0

35-147

28-171

57.0

57.0

95.5 %

106 %

Cardinal Laboratories

DR0 >C10-C28

Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

200

400

9.16

5.41

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 walved 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 incidential or consequential damages, including, without limitation, business interruption, 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 upon the samples demediated accession.

Caley D.Kana-



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

Reported: 01/25/2016 Sampling Type: Soil
Project Name: K M BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene
Project Location: SEC 2, T8S, R33ECHAVES CO, NM

Sample ID: #7 (H600112-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1049	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	<10.0	10.0	01/20/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	<10.0	10.0	01/20/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	96.3	% 35-147	,					*	

Surrogate: 1-Chlorooctadecane 97.3 % 28-171

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 whatscever 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 be liable for incidential or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiantes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such cliaim is based upon any of the above stated reasons or obterwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		·

Sample ID: #8 (H600112-08)

mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
<0.300	0.300	01/21/2016	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIE 102 % 73.6-140

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	191	95.3	200	1.65	
DR0 >C10-C28	43.9	10.0	01/21/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	43.9	10.0	01/21/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	95.2 9	35-147	,						
Surrogate: 1-Chlorooctadecane	99.0 9	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent'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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		·

Sample ID: #9 (H600112-09)

mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
<0.300	0.300	01/21/2016	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 101 % 73.6-140

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	191	95.3	200	1.65	
DR0 >C10-C28	137	10.0	01/21/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	137	10.0	01/21/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	71.9%	6 35-147							B.15.
Surrogate: 1-Chlorooctadecane	81.7%	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, 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 wahed 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.

Celeg D. Kerne



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

Received:	01/19/2016	Sampling Date:	01/19/2016
Reported:	01/25/2016	Sampling Type:	Soil
Project Name:	K M BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	SEC 2, T8S, R33ECHAVES CO, NM		·

Sample ID: #10 (H600112-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2016	ND	1.83	91.4	2.00	10.6	
Toluene*	<0.050	0.050	01/21/2016	ND	1.80	89.8	2.00	8.52	
Ethylbenzene*	<0.050	0.050	01/21/2016	ND	1.65	82.3	2.00	7.09	
Total Xylenes*	<0.150	0.150	01/21/2016	ND	5.11	85.1	6.00	6.58	
Total BTEX	<0.300	0.300	01/21/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/20/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2016	ND	191	95.3	200	1.65	
DRO >C10-C28	<10.0	10.0	01/20/2016	ND	197	98.7	200	9.16	
Total TPH C6-C28	<10.0	10.0	01/20/2016	ND	388	97.0	400	5.41	
Surrogate: 1-Chlorooctane	91.6	% 35-147	· · · · ·						-
Surrogate: 1-Chlorooctadecane	95.5	28-171							

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 subsidiarkes, 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 writen approval of Cardinal Laboratories.

Celeg D.Kerne-



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 SM4500CI-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

PLEASE NOTE: Llability and Damages. Cardinal's itability 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.

Celay D. Kuna



Page 13 of 13

Laboratories

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

pt.

-

POD Number Code		סווורר מו סומור ביופוורכו הבאנוו וה מוסמוות אומוכו	;	_				_					
		-											
	POD Subbasin	County q64 q16 q4	q64	q16		Sec	Tws	Bng	×	~	Depth Well	Depth Water	Water Column
CL 00307 POD1		R	2	m	4	13	08S	32E (628014	628014 3720298	195	165	30
RA 10566		ъ	e	N	-	04	08S	32E (622553	3724496	230	190	40
RA 10570		공	-	4	-	080	085	32E (620923	620923 3722681	207	182	25
RA 10573	3	Н	e	N	-	10	085	32E (624174	624174 3722911	180	165	15
RA 12225 POD1		СН	2	-	-	27 0	085	32E (524005	624005 3718438	115	70	45
RA 12226 POD1		СН	4	4	4	22 0	082	32E 6	525136	625136 3718457 115	115	80	35