

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: Neil Haws
Address	PO Box 420, Farmington NM 87499-0420	Telephone No. 505-635-3124
Facility Name:	Molly Pitcher #1	Facility Type: Gas well
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-045-22084

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	14	30N	14W	1650	N	990	E	San Juan

Latitude: 36.816966; Longitude: -108.272939

NATURE OF RELEASE

Type of Release: Contaminated Soil	Volume of Release: UNK	Volume Recovered: UNK
Source of Release: Cellar of fiberglass BGT	Date and Hour of Occurrence 12-4-17 0900	Date and Hour of Discovery 12-19-17
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD	
By Whom?	Date and Hour: APR 23 2018	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. None	
If a Watercourse was Impacted, Describe Fully.* NA. DISTRICT III		

Describe Cause of Problem and Remedial Action Taken.* On 12-4-17 Dugan Production cleaned out soil from around fiberglass BGT at the Molly Pitcher #1. Removed soil was replaced onto the location. On 12-19-17 OCD inspector found "dark staining on the south side of the location and staining inside the cellar of the Below Grade Tank".

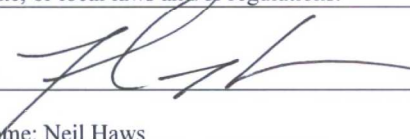
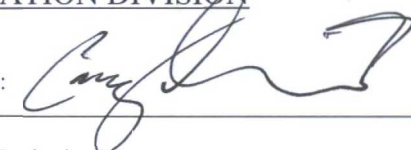

Remedial Action Taken: On 1-18-18 Soil Samples were taken and sent to Cardinal Laboratories, test results revealed contamination in the samples

Describe Area Affected and Cleanup Action Taken.*

(On location) Stained soil will be removed and taken to an approved land farm, clean soil will be used for replacement as needed

Final: Final Cleanup and soil removal was completed on 3/5/18, contaminated soil was taken to Envirotech land farm and approved replacement soil from Envirotech was used to replace soil into the pit. A closure report was submitted to the OCD and the old BGT was removed. A new Steel Single Wall, Double Bottom BGT has been installed to replace the old tank. New BGT has been registered and will follow all of the requirements of 19.15.17 NMAC.

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: Neil Haws	Approved by Environmental Specialist: 	
Title: Environmental	Approval Date: 5/3/18	Expiration Date:
E-mail Address: neil.haws@duganproduction.com	Conditions of Approval: 	Attached <input type="checkbox"/>
Date: 4-18-18	Phone: 505-635-3124	

* Attach Additional Sheets If Necessary

#NCS 180383 0440

14



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

January 26, 2018

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: MOLLY PITCHER #1

Enclosed are the results of analyses for samples received by the laboratory on 01/23/18 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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: 01/23/2018
Reported: 01/26/2018
Project Name: MOLLY PITCHER #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/18/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 DIRT PILE (H800237-01)

BTEX 8021B		mg/kg	Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2018	ND	2.05	102	2.00	0.148	
Toluene*	0.177	0.050	01/23/2018	ND	2.10	105	2.00	1.70	
Ethylbenzene*	0.803	0.050	01/23/2018	ND	2.11	106	2.00	1.81	
Total Xylenes*	12.4	0.150	01/23/2018	ND	6.52	109	6.00	1.55	
Total BTEX	13.3	0.300	01/23/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 150 % 72-148

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2018	ND	416	104	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	407	50.0	01/24/2018	ND	209	104	200	1.31	
DRO >C10-C28*	32700	50.0	01/24/2018	ND	228	114	200	2.89	
EXT DRO >C28-C36	6180	50.0	01/24/2018	ND					

Surrogate: 1-Chlorooctane 291 % 41-142

Surrogate: 1-Chlorooctadecane 1480 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 01/23/2018
Reported: 01/26/2018
Project Name: MOLLY PITCHER #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/18/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 SEP- PIT (H800237-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2018	ND	2.05	102	2.00	0.148	
Toluene*	<0.050	0.050	01/23/2018	ND	2.10	105	2.00	1.70	
Ethylbenzene*	0.221	0.050	01/23/2018	ND	2.11	106	2.00	1.81	
Total Xylenes*	3.36	0.150	01/23/2018	ND	6.52	109	6.00	1.55	
Total BTEX	3.58	0.300	01/23/2018	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 72-148

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	01/24/2018	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	131	50.0	01/24/2018	ND	209	104	200	1.31		
DRO >C10-C28*	7300	50.0	01/24/2018	ND	228	114	200	2.89		
EXT DRO >C28-C36	1560	50.0	01/24/2018	ND						

Surrogate: 1-Chlorooctane 119 % 41-142

Surrogate: 1-Chlorooctadecane 389 % 37.6-147

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.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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Celey D. Keene, Lab Director/Quality Manager

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.

February 26, 2018

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: MOLLY PITCHER #1

Enclosed are the results of analyses for samples received by the laboratory on 02/20/18 9:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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: 02/20/2018
Reported: 02/26/2018
Project Name: MOLLY PITCHER #1
Project Number: PIT
Project Location: NOT GIVEN

Sampling Date: 02/19/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 - 1 (H800509-01)

BTX 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2018	ND	2.23	112	2.00	15.4	
Toluene*	<0.050	0.050	02/21/2018	ND	2.21	110	2.00	16.2	
Ethylbenzene*	<0.050	0.050	02/21/2018	ND	2.15	107	2.00	13.7	
Total Xylenes*	<0.150	0.150	02/21/2018	ND	6.56	109	6.00	13.4	
Total BTX	<0.300	0.300	02/21/2018	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 81.3-128

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/20/2018	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2018	ND	195	97.4	200	8.53		
DRO >C10-C28*	<10.0	10.0	02/21/2018	ND	205	103	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	02/21/2018	ND						

Surrogate: 1-Chlorooctane 94.6 % 41-142

Surrogate: 1-Chlorooctadecane 93.6 % 37.6-147

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*=Accredited Analyte

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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: 02/20/2018
Reported: 02/26/2018
Project Name: MOLLY PITCHER #1
Project Number: PIT
Project Location: NOT GIVEN

Sampling Date: 02/19/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 - 2 (H800509-02)
BTEX 8021B

mg/L

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2018	ND	2.23	112	2.00	15.4	
Toluene*	<0.050	0.050	02/21/2018	ND	2.21	110	2.00	16.2	
Ethylbenzene*	<0.050	0.050	02/21/2018	ND	2.15	107	2.00	13.7	
Total Xylenes*	<0.150	0.150	02/21/2018	ND	6.56	109	6.00	13.4	
Total BTEX	<0.300	0.300	02/21/2018	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 81.3-128

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2018	ND	432	108	400	0.00	

TPH 8015M

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2018	ND	195	97.4	200	8.53	
DRO >C10-C28*	<10.0	10.0	02/21/2018	ND	205	103	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	02/21/2018	ND					

Surrogate: 1-Chlorooctane 92.9 % 41-142

Surrogate: 1-Chlorooctadecane 92.4 % 37.6-147

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*=Accredited Analyte

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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: 02/20/2018
Reported: 02/26/2018
Project Name: MOLLY PITCHER #1
Project Number: PIT
Project Location: NOT GIVEN

Sampling Date: 02/19/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 - 3 (H800509-03)

BTEx 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2018	ND	2.23	112	2.00	15.4	
Toluene*	<0.050	0.050	02/21/2018	ND	2.21	110	2.00	16.2	
Ethylbenzene*	<0.050	0.050	02/21/2018	ND	2.15	107	2.00	13.7	
Total Xylenes*	<0.150	0.150	02/21/2018	ND	6.56	109	6.00	13.4	
Total BTEx	<0.300	0.300	02/21/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 81.3-128

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	02/20/2018	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2018	ND	195	97.4	200	8.53	
DRO >C10-C28*	<10.0	10.0	02/21/2018	ND	205	103	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	02/21/2018	ND					

Surrogate: 1-Chlorooctane 92.2 % 41-142

Surrogate: 1-Chlorooctadecane 95.2 % 37.6-147

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*=Accredited Analyte

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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: 02/20/2018
 Reported: 02/26/2018
 Project Name: MOLLY PITCHER #1
 Project Number: PIT
 Project Location: NOT GIVEN

 Sampling Date: 02/19/2018
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 - 4 (H800509-04)

BTEX 8021B			mg/L		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2018	ND	2.23	112	2.00	15.4	
Toluene*	<0.050	0.050	02/21/2018	ND	2.21	110	2.00	16.2	
Ethylbenzene*	<0.050	0.050	02/21/2018	ND	2.15	107	2.00	13.7	
Total Xylenes*	<0.150	0.150	02/21/2018	ND	6.56	109	6.00	13.4	
Total BTEX	<0.300	0.300	02/21/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 81.3-128

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/20/2018	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2018	ND	195	97.4	200	8.53	
DRO >C10-C28*	123	10.0	02/21/2018	ND	205	103	200	3.16	
EXT DRO >C28-C36	21.2	10.0	02/21/2018	ND					

Surrogate: 1-Chlorooctane 97.6 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 02/20/2018
Reported: 02/26/2018
Project Name: MOLLY PITCHER #1
Project Number: PIT
Project Location: NOT GIVEN

Sampling Date: 02/19/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MOLLY PITCHER #1 - B (H800509-05)

BTEX 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2018	ND	2.23	112	2.00	15.4	
Toluene*	<0.050	0.050	02/21/2018	ND	2.21	110	2.00	16.2	
Ethylbenzene*	<0.050	0.050	02/21/2018	ND	2.15	107	2.00	13.7	
Total Xylenes*	<0.150	0.150	02/21/2018	ND	6.56	109	6.00	13.4	
Total BTEX	<0.300	0.300	02/21/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 81.3-128

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	02/20/2018	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2018	ND	195	97.4	200	8.53	
DRO >C10-C28*	92.2	10.0	02/21/2018	ND	205	103	200	3.16	
EXT DRO >C28-C36	11.7	10.0	02/21/2018	ND					

Surrogate: 1-Chlorooctane 99.9 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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Relinquished By: <i>[Signature]</i>		Date: <i>2-19-18</i> Time: <i>1:05</i>	Received By: <i>Chunna Chan</i>	ADDITIONAL REMARKS: Report to State? (Circle) Yes No
Relinquished By: <i>Chunna Chan</i>		Date: <i>2/19/18</i> Time: <i>1600</i>	Received By: <i>Fed Ex</i>	
Relinquished By:		Date: <i>2-20-18</i> Time: <i>9:35</i>	Received By:	
Delivered By: (Circle One) <i>2.6c</i>		Temperature at receipt: <i>10.4 C #25</i>		CHECKED BY: <i>G. 10.</i>
Sampler - UPS <input checked="" type="radio"/> FedEx <input type="radio"/> Kangaroo - Other: <i>Corrected 2.85c</i>				

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.