

June 06, 2013

GARY WINK

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/30/13 15:00.

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 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.

Celeg & Keens

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



LINN OPERATING-HOBBS GARY WINK 2130 W. BENDER HOBBS NM, 88240

Fax To:

(575) 738-1740

Received:

05/30/2013

Sampling Date:

05/21/2013

Reported:

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 1 @ SURFACE (H301273-01)

BTEX 8021B	mg/l	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B\$	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	101 %	6 89.4-12	6						,
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	56.2	10.0	06/04/2013	ND	203	102	200	4.06	
Surrogate: 1-Chlorooctane	103 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	121 %	63.6-15	4	C			•		

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PLEASE NOTE: Labelity and Damages, Cardnal's labelity 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 whitescever shall be deemed waived unless made in writing and received by Clerifical distributions. (30) days after competence of the applicable service. In no event shall Cardnal be labelite for inordenical or consequencial distributions, without limitation, business interruptions, loss of use of the services hereunder by Cardnal, regardless of whether such claims based upon any of the above stated reasons or otherwise. Results relate only to the sameters identified above. This report shall not be reproduced except in full with written approval of Cardinal Laberstones.

Celey L. Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 12



LINN OPERATING-HOBBS **GARY WINK** 2130 W. BENDER HOBBS NM, 88240

Fax To:

(575) 738-1740

Received:

05/30/2013

Sampling Date:

05/21/2013

Reported:

BTEV 00310

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

MALIAMAR, NM

Jodi Henson

Sample ID: SP 1 @ 1'6" (H301273-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	97.7	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	<10.0	10.0	06/04/2013	ND	203	102	200	4.06	
Surrogate: 1-Chlorooctane	85.2 9	65.2-14	0		1.8.40				
Surrogate: 1-Chlorooctadecane	92.0 9	63.6-15	4						

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Celey E. Keine



LINN OPERATING-HOBBS GARY WINK 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received:

05/30/2013

Sampling Date:

05/20/2013

Reported:

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Type: Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 2 @ SURFACE (H301273-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND			•		
Surrogate: 4-Bromofluorobenzene (PIC	97.6	% 89.4-12	6			· · · · ·			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/03/2013	ND	207	103	200	2,24	
DRO >C10-C28	<10.0	10.0	06/03/2013	ND	211	105	200	3.88	
Surrogate: 1-Chlorooctane	90.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.0	% 63.6-15	4						

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Celeg & Keena



LINN OPERATING-HOBBS **GARY WINK** 2130 W. BENDER HOBBS NM, 88240

(575) 738-1740 Fax To:

Received:

05/30/2013

Sampling Date:

05/20/2013

Reported:

Sampling Type:

Soil

Project Name:

06/06/2013

Sampling Condition:

Cool & Intact

Project Number:

SKELLY B BATTERY NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 2 @ 1' (H301273-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2,00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	94.3	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/06/2013	ND	207	103	200	2.24	
DRO >C10-C28	<10.0	10.0	06/06/2013	ND	211	105	200	3.88	
Surrogate: 1-Chlorooctane	102 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	1069	63.6-15	4						

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Celey L. Keine



LINN OPERATING-HOBBS GARY WINK 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received:

05/30/2013

Sampling Date:

05/21/2013

Reported:

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 3 @ SURFACE (H301273-05)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	0.078	0.050	06/03/2013	ND	2.07	103	2,00	5,16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	97.2	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	63.2	10.0	06/04/2013	ND	203	102	200	4.06	
Surrogate: 1-Chlorooctane	98.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 9	63.6-15	4						

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LINN OPERATING-HOBBS GARY WINK 2130 W. BENDER HOBBS NM, 88240

Fax To:

(575) 738-1740

Received:

05/30/2013

Sampling Date:

05/22/2013

Reported:

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 3 @ 3' (H301273-06)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	92.1	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	<10.0	10.0	06/04/2013	ND	203	102	200	4.06	
Surrogate: 1-Chlorooctane	98.4	% 65.2-14	0			.,,			
Surrogate: I-Chlorooctadecane	106	63.6-15	4						

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Celeg & Keens



LINN OPERATING-HOBBS **GARY WINK** 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received:

05/30/2013

Sampling Date:

05/21/2013

Reported:

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 4 @ SURFACE (H301273-07)

Result	Reporting Limit	A6						
	reporting Line	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
0.918	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
3.07	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
3.41	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
7.94	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
15.3	0.300	06/03/2013	ND					
160 %	s 89. 4 -12	6						
mg/l	(ġ	Analyze	d By: DW					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
34800	16.0	06/03/2013	ND	432	108	400	0.00	
mg/l	(g	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
28.0	10.0	06/04/2013	ND	197	98.6	200	4.03	
360	10.0	06/04/2013	ND	203	102	200	4.06	
	3.07 3.41 7.94 15.3 /60 % mg/li Result 34800 mg/li Result 28.0	3.07 0.050 3.41 0.050 7.94 0.150 15.3 0.300 160	3.07 0.050 06/03/2013 3.41 0.050 06/03/2013 7.94 0.150 06/03/2013 15.3 0.300 06/03/2013 160	3.07 0.050 06/03/2013 ND 3.41 0.050 06/03/2013 ND 7.94 0.150 06/03/2013 ND 15.3 0.300 06/03/2013 ND ND Result Reporting Limit Analyzed Method Blank 34800 16.0 06/03/2013 ND mg/kg Analyzed Method Blank Result Reporting Limit Analyzed Method Blank 28.0 10.0 06/04/2013 ND	3.07 0.050 06/03/2013 ND 2.07 3.41 0.050 06/03/2013 ND 2.27 7.94 0.150 06/03/2013 ND 6.53 15.3 0.300 06/03/2013 ND ** **Result Reporting Limit Analyzed Method Blank BS 34800 16.0 06/03/2013 ND 432 **mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS 28.0 10.0 06/04/2013 ND 197	3.07 0.050 06/03/2013 ND 2.07 103 3.41 0.050 06/03/2013 ND 2.27 113 7.94 0.150 06/03/2013 ND 6.53 109 15.3 0.300 06/03/2013 ND *** *** 160 % 89.4-126 ***	3.07 0.050 06/03/2013 ND 2.07 103 2.00 3.41 0.050 06/03/2013 ND 2.27 113 2.00 7.94 0.150 06/03/2013 ND 6.53 109 6.00 15.3 0.300 06/03/2013 ND V V V Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 34800 16.0 06/03/2013 ND 432 108 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 28.0 10.0 06/04/2013 ND 197 98.6 200	3.07 0.050 06/03/2013 ND 2.07 103 2.00 5.16 3.41 0.050 06/03/2013 ND 2.27 113 2.00 5.18 7.94 0.150 06/03/2013 ND 6.53 109 6.00 4.30 15.3 0.300 06/03/2013 ND V

Surrogate: 1-Chlorooctadecane

103 %

63.6-154

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Celey E. Keine



LINN OPERATING-HOBBS **GARY WINK** 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received:

05/30/2013

Sampling Date:

05/22/2013

Reported:

06/06/2013

Soil

Project Name:

Sampling Type:

Cool & Intact

SKELLY B BATTERY

Sampling Condition: Sample Received By:

Jodi Henson

Project Number:

NONE GIVEN

MALJAMAR, NM

Project Location:

Sample ID: SP 4 @ 7' (H301273-08)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	92,4	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	<10.0	10.0	06/04/2013	ND	203	102	200	4.06	
Surrogate: 1-Chlorooctane	96.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	106 9	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

PLEASE NOTE: Lubbley and Damages. Cardana's Babelty 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 whistoever shall be deemed waived unless made in writing and received by Clerifical damages, including, without limitation, business intermptions, loss of use, or loss of profits incurred by clerifical such claims 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 Laboratomes.

Celey L. Keene



LINN OPERATING-HOBBS GARY WINK 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received:

05/30/2013

Sampling Date:

05/22/2013

Reported:

06/06/2013

Sampling Type:

Soil

Project Name:

SKELLY B BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SP 5 @ SURFACE (H301273-09)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2,27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND			•		
Surrogate: 4-Bromofluorobenzene (PIC	90.6	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	06/03/2013	ND	432	108	400	0.00	
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	06/05/2013	ND	212	106	200	3.07	
DRO >C10-C28	171	10.0	06/05/2013	ND	222	111	200	3.64	
Surrogate: 1-Chlorooctane	104 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	111 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg E. Keine



Notes and Definitions

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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