Mountain States ACCUTEST LABORATORIES

Reissue #1
06/19/14

Technical Report for

WPX Energy Rocky Mountain, LLC

WWLCOGJ: RU 11-7 BWQ

Accutest Job Number: D55647

Sampling Date: 03/05/14

Report to:

Western Water and Land, Inc.

bsmith@westernwaterandland.com
jpahler@westernwaterandland.com
ATTN: Bruce Smith

Total number of pages in report: **18**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Scott Heideman
Laboratory Director

Client Service contact: Renea Jackson 303-425-6021

Certifications: CO (CO00049), ID, NE (CO00049), ND (R-027), NJ (CO 0007), OK (D9942), UT (NELAP CO00049), TX (T104704511)

Accutest Laboratories
4036 Youngfield Street
Wheat Ridge, Co 80033
Phone: 303-425-6021
Fax: 303-425-6854

June 19, 2014

Bruce Smith
Western Water and Land, Inc.
743 Horizon Court Suite 330
Grand Junction, CO 80506

Subject: Report Reissue for Accutest Job: D55647

Dear Mr. Smith:

Per the request from your office, Accutest Laboratories has investigated the spike recovery calculations for metals in the above-referenced job. The investigation revealed an error in the automatic upload of instrument data that caused the LIMS system to calculate the spike recoveries using the wrong sample dilutions of the parent, MS and MSD. Retraining of the analyst was conducted to ensure the correct data upload procedure is followed to prevent this error in the future. The report has been corrected to show the correct data and recoveries for the MS and MSD in the metals QC section. In addition, the Case Narrative was revised to reflect iron did pass the MS/MSD recovery limits. The report has been reissued with these corrections. Please accept our apologies for these errors.

Any questions or concerns should be directed to the undersigned at 303-425-6021.

Sincerely,

Scott Heideman
Laboratory Director

Sections: 1 2 3 4 5

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Sample Summary

WPX Energy Rocky Mountain, LLC

Job No: D55647

WWLCOGJ: RU 11-7 BWQ

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
D55647-1	03/05/14	13:55	SLK	03/06/14	AQ	Surface Water	BEAVER CR 2
D55647-1F	03/05/14	13:55	SLK	03/06/14	AQ	Surface H2O Filtered	BEAVER CR 2
D55647-2	03/05/14	00:00	SLK	03/06/14	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	WPX Energy Rocky Mountain, LLC	**Job No**	D55647
Site:	WWLCOGJ: RU 11-7 BWQ	**Report Date**	6/19/2014 3:10:11 PM

On 03/06/2014, 1 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 3.1 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D55647 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V7V1397

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55527-1DUP, D55504-20MS were used as the QC samples indicated.
- D55504-20MS: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

Volatiles by GC By Method RSK175 MOD

Matrix: AQ **Batch ID:** GFB480

- All samples were analyzed within the recommended method holding time.
- Sample(s) D55737-1MS, D55737-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- D55647-1: The pH of the sample was >2 at time of analysis.

Extractables by GC By Method SW846-8015B

Matrix: AQ **Batch ID:** OP9527

- All samples were extracted and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55504-16MS, D55504-16MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of TPH-DRO (C10-C28) are outside control limits. Outside control limits due to possible matrix interference.

Metals By Method EPA 200.7

Matrix: AQ **Batch ID:** MP12440

- All samples were digested and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55574-1MS, D55574-1MSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Calcium, Magnesium, Sodium, Strontium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Metals By Method EPA 200.8

Matrix: AQ **Batch ID:** MP12446

- All samples were digested and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55623-1AMS, D55623-1AMSD were used as the QC samples for the metals analysis.

Wet Chemistry By Method EPA 300.0/SW846 9056

Matrix: AQ **Batch ID:** GP12088

- All samples were prepared and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55622-8MS, D55622-8MSD were used as the QC samples for the Bromide, Chloride, Fluoride, Nitrogen, Nitrate, Nitrogen, Nitrite, Sulfate analysis.

Wet Chemistry By Method HACH IRB-BART

Matrix: AQ **Batch ID:** MB332

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method HACH SLYM-BART

Matrix: AQ **Batch ID:** MB333

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method HACH SRB-BART

Matrix: AQ **Batch ID:** MB334

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method HACH8190/SM4500P-B/E

Matrix: AQ **Batch ID:** GP12140

- All samples were prepared and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55872-2MS, D55872-2MSD, D55867-1DUP were used as the QC samples for the Phosphorus, Total analysis.
- The duplicate RPD(s) for Phosphorus, Total are outside control limits for sample GP12140-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method SM 2320B-2011

Matrix: AQ **Batch ID:** GN23932

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55548-3ADUP, D55548-3AMS, D55548-3AMSD were used as the QC samples for the Alkalinity, Total as CaCO3 analysis.

Matrix: AQ **Batch ID:** GN23933

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ **Batch ID:** GN23934

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method SM 2510B-2011

Matrix: AQ **Batch ID:** GP12104

- Sample(s) D55590-28DUP were used as the QC samples for the Specific Conductivity analysis.

Wet Chemistry By Method SM 2540C-2011

Matrix: AQ **Batch ID:** GN23919

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55656-1DUP were used as the QC samples for the Solids, Total Dissolved analysis.

Wet Chemistry By Method SM4500HB+-2011/9040C

Matrix: AQ **Batch ID:** GN23894

- The following samples were run outside of holding time for method SM4500HB+-2011/9040C: D55647-1

AMS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting AMS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

AMS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by AMS indicated via signature on the report cover.

Summary of Hits

Job Number: D55647
Account: WPX Energy Rocky Mountain, LLC
Project: WWLCOGJ: RU 11-7 BWQ
Collected: 03/05/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D55647-1	**BEAVER CR 2**					
Alkalinity, Bicarbonate as CaCO3		177	5.0	2.0	mg/l	SM 2320B-2011
Alkalinity, Carbonate		4.1 B	5.0	2.0	mg/l	SM 2320B-2011
Alkalinity, Total as CaCO3		181	5.0	2.0	mg/l	SM 2320B-2011
Chloride		3.4	0.50	0.20	mg/l	EPA 300.0/SW846 9056
Fluoride		0.12	0.10	0.050	mg/l	EPA 300.0/SW846 9056
Iron Reducing Bacteria		9000	25		CFU/ml	HACH IRB-BART
Nitrogen, Nitrate		0.20	0.010	0.0060	mg/l	EPA 300.0/SW846 9056
Phosphorus, Total		0.43	0.010	0.0080	mg/l	HACH8190/SM4500P-B/E
Slime Forming Bacteria		6500	500		CFU/ml	HACH SLYM-BART
Solids, Total Dissolved		242	10	5.0	mg/l	SM 2540C-2011
Specific Conductivity		365	1.0		umhos/cm	SM 2510B-2011
Sulfate		20.9	0.50	0.20	mg/l	EPA 300.0/SW846 9056
Sulfate Reducing Bacteria		359000	200		CFU/ml	HACH SRB-BART
pH		8.21			su	SM4500HB+-2011/9040C
D55647-1F	**BEAVER CR 2**					
Barium		61.2	10	1.4	ug/l	EPA 200.7
Boron		9.5 B	50	6.6	ug/l	EPA 200.7
Calcium		50900	400	66	ug/l	EPA 200.7
Iron		60.7	10	3.2	ug/l	EPA 200.7
Magnesium		12100	200	29	ug/l	EPA 200.7
Manganese		4.1 B	5.0	0.29	ug/l	EPA 200.7
Potassium		1060	1000	230	ug/l	EPA 200.7
Sodium		15000	400	36	ug/l	EPA 200.7
Strontium		337	5.0	0.12	ug/l	EPA 200.7
D55647-2	**TRIP BLANK**					

No hits reported in this sample.

Mountain States ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BEAVER CR 2		
Lab Sample ID:	D55647-1	**Date Sampled:**	03/05/14
Matrix:	AQ - Surface Water	**Date Received:**	03/06/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WWLCOGJ: RU 11-7 BWQ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25288.D	1	03/06/14	JL	n/a	n/a	V7V1397
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics + GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	
	TPH-GRO (C6-C10)	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		69-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BEAVER CR 2		
Lab Sample ID:	D55647-1	**Date Sampled:**	03/05/14
Matrix:	AQ - Surface Water	**Date Received:**	03/06/14
Method:	RSK175 MOD	**Percent Solids:**	n/a
Project:	WWLCOGJ: RU 11-7 BWQ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	FB10637.D	1	03/11/14	JJ	n/a	n/a	GFB480
Run #2							

	Initial Volume	Headspace Volume	Volume Injected	Temperature
Run #1	39.0 ml	4.0 ml	500 ul	19.0 Deg. C
Run #2				

Methane, Ethane and Propane

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.00080	0.00040	mg/l	
74-84-0	Ethane	ND	0.0016	0.00080	mg/l	
74-98-6	Propane	ND	0.0022	0.0011	mg/l	

(a) The pH of the sample was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BEAVER CR 2		
Lab Sample ID:	D55647-1	**Date Sampled:**	03/05/14
Matrix:	AQ - Surface Water	**Date Received:**	03/06/14
Method:	SW846-8015B SW846 3510C	**Percent Solids:**	n/a
Project:	WWLCOGJ: RU 11-7 BWQ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FI10683.D	1	03/08/14	JS	03/07/14	OP9527	GFI696
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.19	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	61%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BEAVER CR 2
Lab Sample ID: D55647-1
Matrix: AQ - Surface Water
Project: WWLCOGJ: RU 11-7 BWQ

Date Sampled: 03/05/14
Date Received: 03/06/14
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Bicarbonate as CaC	177	5.0	2.0	mg/l	1	03/11/14	BF	SM 2320B-2011
Alkalinity, Carbonate	4.1 B	5.0	2.0	mg/l	1	03/11/14	BF	SM 2320B-2011
Alkalinity, Total as CaCO3	181	5.0	2.0	mg/l	1	03/11/14	BF	SM 2320B-2011
Bromide	0.025 U	0.050	0.025	mg/l	1	03/06/14 14:03	SK	EPA 300.0/SW846 9056
Chloride	3.4	0.50	0.20	mg/l	1	03/06/14 14:03	SK	EPA 300.0/SW846 9056
Fluoride	0.12	0.10	0.050	mg/l	1	03/06/14 14:03	SK	EPA 300.0/SW846 9056
Iron Reducing Bacteria	9000	25		CFU/ml	1	03/06/14	MM	HACH IRB-BART
Nitrogen, Nitrate	0.20	0.010	0.0060	mg/l	1	03/06/14 14:03	SK	EPA 300.0/SW846 9056
Nitrogen, Nitrite	0.0030 U	0.0040	0.0030	mg/l	1	03/06/14 14:03	SK	EPA 300.0/SW846 9056
Phosphorus, Total	0.43	0.010	0.0080	mg/l	1	03/14/14	JD	HACH8190/SM4500P-B/E
Slime Forming Bacteria	6500	500		CFU/ml	1	03/06/14	MM	HACH SLYM-BART
Solids, Total Dissolved	242	10	5.0	mg/l	1	03/11/14	RW	SM 2540C-2011
Specific Conductivity	365	1.0		umhos/cm	1	03/07/14	AK	SM 2510B-2011
Sulfate	20.9	0.50	0.20	mg/l	1	03/06/14 14:03	SK	EPA 300.0/SW846 9056
Sulfate Reducing Bacteria	359000	200		CFU/ml	1	03/06/14	MM	HACH SRB-BART
pH	8.21			su	1	03/07/14 13:00	AK	SM4500HB+-2011/9040C

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BEAVER CR 2
Lab Sample ID: D55647-1F
Matrix: AQ - Surface H2O Filtered
Project: WWLCOGJ: RU 11-7 BWQ

Date Sampled: 03/05/14
Date Received: 03/06/14
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Barium	61.2	10	1.4	ug/l	1	03/10/14	03/10/14	KV	EPA 200.7 [1]	EPA 200.7 [4]
Boron	9.5 B	50	6.6	ug/l	1	03/10/14	03/10/14	KV	EPA 200.7 [1]	EPA 200.7 [4]
Calcium	50900	400	66	ug/l	1	03/10/14	03/11/14	KV	EPA 200.7 [2]	EPA 200.7 [4]
Iron	60.7	10	3.2	ug/l	1	03/10/14	03/11/14	KV	EPA 200.7 [2]	EPA 200.7 [4]
Magnesium	12100	200	29	ug/l	1	03/10/14	03/11/14	KV	EPA 200.7 [2]	EPA 200.7 [4]
Manganese	4.1 B	5.0	0.29	ug/l	1	03/10/14	03/10/14	KV	EPA 200.7 [1]	EPA 200.7 [4]
Potassium	1060	1000	230	ug/l	1	03/10/14	03/10/14	KV	EPA 200.7 [1]	EPA 200.7 [4]
Selenium	0.42 U	0.80	0.42	ug/l	2	03/07/14	03/11/14	NT	EPA 200.8 [3]	EPA 200.8 [5]
Sodium	15000	400	36	ug/l	1	03/10/14	03/10/14	KV	EPA 200.7 [1]	EPA 200.7 [4]
Strontium	337	5.0	0.12	ug/l	1	03/10/14	03/10/14	KV	EPA 200.7 [1]	EPA 200.7 [4]

(1) Instrument QC Batch: MA4532
(2) Instrument QC Batch: MA4536
(3) Instrument QC Batch: MA4538
(4) Prep QC Batch: MP12440
(5) Prep QC Batch: MP12446

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	D55647-2	**Date Sampled:**	03/05/14
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/06/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	WWLCOGJ: RU 11-7 BWQ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25289.D	1	03/06/14	JL	n/a	n/a	V7V1397
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics + GRO

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	
	TPH-GRO (C6-C10)	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	87%		69-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Mountain States ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL. 303-425-6021 FAX: 303-425-6854
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: JMS-2013-245 | Accutest Job #: D55647

Client / Reporting Information

Company Name: Western Water and Land, Inc.
Street Address: 743 Horizon Ct., Suite 330
City: Grand Junction, CO 81506
Project Contact: Bruce Smith bsmith@westernwaterandland.com
Phone #: (970) 242-0170
Sampler(s) Name(s): Shelby Kipp

Project Information

Project Name: RU 11-7 BWQ
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (If different from Report to)

Company Name: WPX Energy
Street Address: 1058 CR 215
City: Parachute, CO 81635
Attention: Brandon Danforth

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	PH, SCON, TDS	XCARBICALK	BRO, CHL, F, NO2, NO30, SO4	TPO4	*Dissolved Metals - Lab Filtered	VRSK175DGMEP NO HCl	V8260BTXGRO HCl	B8015DRO	BART	**Isotopic Methane	LAB USE ONLY
	Beaver Cr 2		3-5-14	1355	SLK	SW	15	3			1	11				1	1	1	1	1	3	3	2	1	1	01
	TB1, TB2																									TS-02
	temp blank																									3/6/14
																										SM
	Beaver Cr 2		Field Parameters: pH(s.u.): 8.20	Temp(°C): 2.02	Sp.Cond(uS/cm): 375	DO(%): 83.6	DO(mg/L) 11.54	ORP(mv): 255.9	TURB(NTU): 6.02 (averaged)																	
			Field Parameters: pH(s.u.):	Temp(°C):	Sp.Cond(uS/cm):	DO(%):	DO(mg/L)	ORP(mv):	TURB(NTU):																	

Turnaround Time (Business days)

- [x] Std. 15 Business Days
- [ ] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency
- [ ]

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Labilink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] COMMBN
- [ ] COMMBN+
- [ ]
- [ ] State Forms Required
- [ ] Send Forms to State
- [ ] Report by Fax
- [ ] Report by PDF
- [x] EDD Format

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial BN = Results/QC/Narrative (+ chromatograms)

Comments / Special Instructions

*Dissolved Metals (200.7/200.8): Ba, B, Ca, Fe,Mg, Mn, K, SeMS, Na, Sr

**Hold pending RSK175 results

Analyze trip blanks

Unable to get 1so headspace free due to turbulence

Relinquished by Sampler:	Received By:	Relinquished By:	Date Time:	Received By:
1 Shelby Kipp 3-5-14 @ 1545	1 Rifle Service Center	2		2 Jacob Burton 3/6/14 1120
Relinquished by Sampler:	Received By:	Relinquished By:	Date Time:	Received By:
3	3	4		4
Relinquished by:	Received By:	Custody Seal # HDLU [x] Intact [ ] Not Intact	Preserved where applicable	On Ice [x]	Cooler Temp. 3.1
5	5			

5.1 5

D55647: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D55647 **Client:** WWL **Immediate Client Services Action Required:** No

Date / Time Received: 3/6/2014 11:20:00 AM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: RU 11-7 BWQ **Airbill #'s:** CO

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	
2. Trip Blank listed on COC:	☑		☐	
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume rec'd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

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