

APRIL 7, 2014



a member of **The GEL Group** INC



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2040 Savage Road Charleston, SC 29407

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April 07, 2014

Mr. Scot Fitzgerald
CH2MHill Plateau Remediation Company
MISN R3-50 CHPRC
PO Box 1600
Richland, Washington 99352

Re: CHPRC SAF F13-041 | 100-DR-5 Pump & Treat
Work Order: 344486
SDG: GEL344486

Dear Mr. Fitzgerald:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 13, 2014. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4505.

Sincerely,

A handwritten signature in cursive that reads "Heather Shaffer".

Heather Shaffer
Project Manager

Purchase Order: 300113ES20
Chain of Custody: F13-041-001
Enclosures



Table of Contents

Case Narrative.....1
Chain of Custody and Supporting Documentation.....3
Laboratory Certifications.....6
Radiological Analysis.....8
 Sample Data Summary.....15
 Quality Control Data.....17

Case Narrative

**Receipt Narrative
for
Hanford MSA (51204)
SDG: GEL344486
Work Order: 344486**

April 07, 2014

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary:

Sample receipt: The sample arrived at GEL Laboratories LLC, Charleston, South Carolina on March 13, 2014 for analysis. The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification: The laboratory received the following sample:

<u>Laboratory ID</u>	<u>Client ID</u>
344486001	B2R202

Case Narrative:

Sample analyses were conducted using methodology as outlined in GEL's Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

Heather Shaffer

Heather Shaffer
Project Manager

Chain of Custody and Supporting Documentation

1102

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-041-001	PAGE 1 OF 1
COLLECTOR <i>C. Carter</i>	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION RESIN VESSELS IX-D1, D2, D3, D4	PROJECT DESIGNATION 100-DR-5 Pump & Treat - Spent Resin Waste Designation	FIELD LOGBOOK NO. HNF-N-507-21-80	SAF NO. F13-041	AIR QUALITY	METHOD OF SHIPMENT FEDERAL EXPRESS
ICE CHEST NO. GWS-139-03	ACTUAL SAMPLE DEPTH N/A	OFFSITE PROPERTY NO. 4717	COA 300113ES10	BILL OF LADING/AIR BILL NO. 798196087010	
SHIPPED TO GEL Laboratories, LLC	SEE <i>3/12/14</i>				

MATRIX*	PRESERVATION	None
A=Air	HOLDING TIME	6 Months
DL=Drum	TYPE OF CONTAINER	GIP
Liquids	NO. OF CONTAINER(S)	1
DS=Drum	VOLUME	250ml
Solids	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS
L=Liquid	SAMPLE DATE	MAR 11 2014
O=Oil	SAMPLE TIME	0835
S=Soil	OTHER SOLID	
SE=Sediment	SPECIAL HANDLING AND/OR STORAGE	
T=Tissue	✓	
V=Vegetation		
W=Water		
WT=Wipe		
X=Other		

344486

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM <i>C. Carter</i>	DATE/TIME MAR 11 2014 0958	RECEIVED BY/STORED IN <i>SSU #1</i>	DATE/TIME MAR 11 2014 0958
RELINQUISHED BY/REMOVED FROM <i>SSU #1</i>	DATE/TIME 3/12/14 1230	RECEIVED BY/STORED IN <i>L.D. WALL/D. WALL</i>	DATE/TIME 3/12/14 1230
RELINQUISHED BY/REMOVED FROM <i>L.D. WALL/D. WALL</i>	DATE/TIME 3/12/14 1400	RECEIVED BY/STORED IN <i>FEDEX</i>	DATE/TIME 3-13-14 0900
RELINQUISHED BY/REMOVED FROM <i>FEDEX</i>	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
LABORATORY SECTION	RECEIVED BY	TITLE	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	

SPECIAL INSTRUCTIONS
 ** 100 Area Generator Knowledge Form applies to samples submitted under this SAF. ** CHPRC requires Gross Alpha and Gross Beta detection limits of 5 pCi/g and 10 pCi/g, respectively. TRVL-13-083
 (1) TC99_SEP_GPC: COMMON; TRITIUM_DIST_LSC: COMMON;
 C14_LSC: COMMON;

TRVL-13-083

SAMPLE RECEIPT & REVIEW FORM

Client: <u>HMSA</u>		SDG/AR/COC/Work Order: <u>344486</u>
Received By: <u>JP</u>		Date Received: <u>3-13-14</u>
Suspected Hazard Information	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?	<input checked="" type="checkbox"/>	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>0 cpm</u>
Classified Radioactive II or III by RSO?	<input checked="" type="checkbox"/>	If yes, Were swipes taken of sample containers < action levels?
COC/Samples marked containing PCBs?	<input checked="" type="checkbox"/>	
Package, COC, and/or Samples marked as beryllium or asbestos containing?	<input checked="" type="checkbox"/>	If yes, samples are to be segregated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?	<input checked="" type="checkbox"/>	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?	<input checked="" type="checkbox"/>	

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2 Samples requiring cold preservation within (0 ≤ 6 deg. C)?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preservation Method: Ice bags Blue ice Dry ice <u>None</u> Other (describe) *all temperatures are recorded in Celsius <u>17</u>
2a Daily check performed and passed on IR temperature gun?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temperature Device Serial #: <u>130462961</u> Secondary Temperature Device Serial # (If Applicable):
3 Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4 Sample containers intact and sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5 Samples requiring chemical preservation at proper pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6 VOA vials free of headspace (defined as < 6mm bubble)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's and containers affected:
7 Are Encore containers present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(If yes, immediately deliver to Volatiles laboratory)
8 Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ID's and tests affected:
9 Sample ID's on COC match ID's on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's and containers affected:
10 Date & time on COC match date & time on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's affected:
11 Number of containers received match number indicated on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's affected:
12 Are sample containers identifiable as GEL provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13 COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14 Carrier and tracking number.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: <u>FedEx Air</u> FedEx Ground UPS Field Services Courier Other <u>7981 9608 7010</u>

Comments (Use Continuation Form if needed):

Laboratory Certifications

List of current GEL Certifications as of 07 April 2014

State	Certification
Alaska	UST-110
Arkansas	88-0651
CLIA	42D0904046
California NELAP	01151CA
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC000122013-10
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-12-00283, P330-12-00284
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC000122013-10
Idaho Chemistry	SC00012
Idaho Radiochemistry	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA130005
Maryland	270
Massachusetts	M-SC012
Michigan	9976
Mississippi	SC000122013-10
Nebraska	NE-OS-26-13
Nevada	SC000122014-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
Plant Material Permit	PDEP-12-00260
South Carolina Chemistry	10120001
South Carolina GVL	23611001
South Carolina Radiochemi	10120002
Tennessee	TN 02934
Texas NELAP	T104704235-14-9
Utah NELAP	SC000122013-11
Vermont	VT87156
Virginia NELAP	460202
Washington	C780-12
Wisconsin	999887790

Radiological Analysis

**Radiochemistry Case Narrative
Hanford MSA (HMSA)
SDG GEL344486
Work Order 344486**

Method/Analysis Information

Product: **Liquid Scint C14, Solid**

Analytical Method: C14_LSC

Analytical Batch Number: 1372724

Sample ID	Client ID
344486001	B2R202
1203050775	Method Blank (MB)
1203050776	344486001(B2R202) Sample Duplicate (DUP)
1203050777	344486001(B2R202) Matrix Spike (MS)
1203050778	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-003 REV# 15.

Calibration Information:**Calibration Information**

All initial and continuing calibration requirements have been met.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:**Blank Information**

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 344486001 (B2R202).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:**Holding Time**

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Recounts

Sample 344486001 (B2R202) was recounted due to high relative percent difference/relative error ratio. The recount is reported. Sample 1203050775 (MB) was recounted due to results more negative than the three sigma TPU. The second count is reported. Sample 1203050776 (B2R202) was recounted due to results more negative than the three sigma TPU and then recounted due to high relative percent difference/relative error ratio. The third count is reported.

Miscellaneous Information:**Data Exception (DER) Documentation**

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Sample-Specific MDA/MDC

The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments

Additional comments were not required for this sample set.

Qualifier Information

Manual qualifiers were not required.

Method/Analysis Information

Product: LSC, Tritium Dist, Solid
Analytical Method: TRITIUM_DIST_LSC
Analytical Batch Number: 1372730

Sample ID	Client ID
344486001	B2R202
1203050796	Method Blank (MB)
1203050797	344486001(B2R202) Sample Duplicate (DUP)
1203050798	344486001(B2R202) Matrix Spike (MS)
1203050799	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as

Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-002 REV# 21.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 344486001 (B2R202).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Recounts

Samples 1203050796 (MB), 1203050797 (B2R202) and 344486001 (B2R202) were recounted due to the quench number being outside the calibration range. The recounts are reported.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Sample-Specific MDA/MDC

The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments

Additional comments were not required for this sample set.

Qualifier Information

Manual qualifiers were not required.

Method/Analysis Information**Product:** Liquid Scint Tc99, Solid

Analytical Method: TC99_EIE_LSC

Analytical Batch Number: 1372735

Sample ID	Client ID
344486001	B2R202
1203050815	Method Blank (MB)
1203050816	344486001(B2R202) Sample Duplicate (DUP)
1203050817	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-059 REV# 2.

Calibration Information:**Calibration Information**

All initial and continuing calibration requirements have been met.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:**Blank Information**

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 344486001 (B2R202).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:**Holding Time**

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Recounts

None of the samples in this batch were recounted.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Sample-Specific MDA/MDC

The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments

Additional comments were not required for this sample set.

Qualifier Information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

**Qualifier Definition Report
for**

HMSA001 Hanford MSA (51204)

Client SDG: GEL344486 GEL Work Order: 344486

The Qualifiers in this report are defined as follows:

U Analyzed for but not detected above limiting criteria. Includes MDL, MDA, PQL, zero, counting error, and total analytical error.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: 

Name: Kate Gellatly

Date: 07 APR 2014

Title: Analyst I

Sample Data Summary

APRIL 7, 2014

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : CH2MHill Plateau Remediation
Address : Company
MISN R3-50 CHPRC
PO Box 1600
Richland, Washington 99352

Report Date: April 7, 2014

Contact: Mr. Scot Fitzgerald

Project: CHPRC SAF F13-041 | 100-DR-5 Pump & Treat

Client Sample ID: B2R202
Sample ID: 344486001
Matrix: OTHER SOLID
Collect Date: 11-MAR-14
Receive Date: 13-MAR-14
Collector: Client

Project: HMSA00110
Client ID: HMSA001

Table with columns: Parameter, Qualifier, Result, Uncertainty, MDC, TPU, RL, Units, DF, Analyst, Date, Time, Batch, Mtd. Rows include Rad Liquid Scintillation Analysis for Tritium, Carbon-14, and Technetium-99.

The following Analytical Methods were performed

Table with columns: Method, Description. Rows list EPA 906.0 Modified, EPA EERF C-01 Modified, and DOE EML HASL-300, Tc-02-RC Modified.

Table with columns: Surrogate/Tracer Recovery, Test, Batch ID, Recovery%, Acceptable Limits. Row for Technetium-99m Tracer.

Notes: TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Quality Control Data

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: April 7, 2014
Page 1 of 2

Client : CH2M Hill Plateau Remediation Company
MISN R3-50 CHPRC
PO Box 1600
Richland, Washington 99352
Contact: Mr. Scot Fitzgerald
Workorder: 344486

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Liquid Scintillation									
Batch	1372724								
QC1203050775	MB								
Carbon-14			U	-0.138	pCi/g			BYS1	03/24/1419:17
				Uncert: +/-1.87					
				TPU: +/-1.87					
QC1203050776	344486001	DUP							
Carbon-14		U	-1.56	U	-0.882	pCi/g			03/25/1416:36
			Uncert: +/-1.99		+/-1.95	RPD: 0	N/A		
			TPU: +/-1.99		+/-1.95	RER: 0.476	(0-2)		
QC1203050777	344486001	MS							
Carbon-14		100	U	-1.56	99.6	pCi/g	REC: 99 (75%-125%)		03/21/1400:16
			Uncert: +/-1.99		+/-4.78				
			TPU: +/-1.99		+/-8.73				
QC1203050778	LCS								
Carbon-14		97.7			98.3	pCi/g	REC: 101 (80%-120%)		03/21/1400:37
					Uncert: +/-4.68				
					TPU: +/-8.59				
Batch	1372730								
QC1203050796	MB								
Tritium			U	5.45	pCi/g			BYS1	03/24/1420:33
				Uncert: +/-11.4					
				TPU: +/-11.5					
QC1203050797	344486001	DUP							
Tritium		U	-2.62	U	4.17	pCi/g			03/24/1420:49
			Uncert: +/-11.0		+/-11.1	RPD: 0	N/A		
			TPU: +/-11.0		+/-11.2	RER: 0.847	(0-2)		
QC1203050798	344486001	MS							
Tritium		70.9	U	-2.62	53.2	pCi/g	REC: 75 (75%-125%)		03/21/1402:04
			Uncert: +/-11.0		+/-14.1				
			TPU: +/-11.0		+/-18.6				
QC1203050799	LCS								
Tritium		70.9			64.7	pCi/g	REC: 91 (80%-120%)		03/21/1402:20
					Uncert: +/-14.9				
					TPU: +/-20.9				
Batch	1372735								
QC1203050815	MB								
Technetium-99			U	0.983	pCi/g			MYM1	04/01/1409:06
				Uncert: +/-2.43					
				TPU: +/-2.43					
QC1203050816	344486001	DUP							
Technetium-99		U	-1.49	U	-2.9	pCi/g			04/01/1410:08
			Uncert: +/-7.02		+/-6.65	RPD: 0	N/A		
			TPU: +/-7.02		+/-6.65	RER: 0.286	(0-2)		
QC1203050817	LCS								
Technetium-99		267			252	pCi/g	REC: 94 (80%-120%)		04/01/1411:11
					Uncert: +/-14.1				

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: 344486

Page 2 of 2

Parname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date	Time
Rad Liquid Scintillation										
Batch	1372735									
		TPU:		+/-32.6						

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

- B The associated QC sample blank has a result $\geq 2X$ the MDA and, after corrections, result is \geq MDA for this sample
- D Results are reported from a diluted aliquot of sample.
- N Spike Sample recovery is outside control limits.
- U Analyzed for but not detected above limiting criteria. Includes MDL, MDA, PQL, zero, counting error, and total analytical error.
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- Y Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- Z Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.

** Indicates analyte is a surrogate compound.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.