



RJ Lee Group, Inc. | Columbia Basin Analytical Laboratories

2710 North 20th Avenue, Pasco WA 99301

Tel: (509) 545-4989 | Fax: (509) 544-6010

CH2M Hill Plateau Remediation Company - C01282F
825 Jadwin Avenue
Richland, WA 99352

12/09/20
Contract: 74392

Subject: Chemical Analysis Report, SDG Number: RJLG20C0186

Columbia Basin Analytical Laboratories received 1 sample(s) on 12/01/20 for analysis. These sample(s) have been assigned a login order number of W012009, SDG number RJLG20C0186. Enclosed is the final report that consists of a summary report of the sample(s), and a copy of the chain of custody. If provided by customer on COC, sample volume is recorded on the laboratory report and has been used to calculate final results.

General Lab Comments

The results provided in this report relate only to the items tested. Sample(s) were received in acceptable conditions unless otherwise noted in the comments above. Sample(s) have not been field blank corrected unless otherwise noted in the general set comments above. Results included in the report apply to the sample as it was received. Information provided by customer can affect validity of results. The sample(s) were prepared and analyzed in compliance with EPA 7196. This test report shall not be reproduced, except in full, without written approval of Columbia Basin Analytical Laboratories. Any questions, please contact our office.

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all data deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this data package has been authorized by the Laboratory Director or a designee and the laboratory's client service representative as verified by their signatures on this report. This report has been technically reviewed by the following individual:

A handwritten signature in black ink, appearing to read 'Dennese Smith'.

12/08/20

Scientist II Dennese Smith

If you have any questions please feel free to contact Dennese Smith at dennese.smith@rjleegroup.com or 509-545-4989.

This report has been administratively reviewed and approved by the following individual:

A handwritten signature in black ink, appearing to read 'JJ Furlong'.

12/09/20

Project Manager JJ Furlong

Columbia Basin Analytical Laboratories | 2710 North 20th Avenue, Pasco WA 99301 | 509.545.4989

WWW.RJLEEGROUP.COM

Report Template: Environmental.rpt

Approved: 12/8/20 15:40
Report Time Stamp: 12/09/20 19:28



Heather Medley
 CH2M Hill Plateau Remediation
 Company - C01282F
 825 Jadwin Avenue
 Richland, WA 99352
 Client Project: Hex Chrome

Laboratory Report

RJ Lee Group No.: W012009
 SDG No: RJLG20C0186
 Samples Received: 12/01/20 13:55
 Analysis/Prep Date: 12/01/20 16:00
 Report Date: 12/09/20 19:28

Sample Name: B3VBY3 **Date Sampled:** 12/01/20 09:51
RJ Lee Grp. ID: W012009-01 **Matrix:** Water **Date Analyzed:** 12/01/20 16:00

Analyte	Method	Result µg/L	PQL µg/L	MDL µg/L	Dilution Factors	Qualifiers
Hexavalent Chromium	EPA 7196	2.98	5.00	2.50	1	B



Heather Medley
CH2M Hill Plateau
Remediation Company -
825 Jadwin Avenue
Richland, WA 99352
Client Project: Hex Chrome

Quality Control

Water

RJ Lee Group No.: W012009
SDG No.: RJLG20C0186
Samples Received: 12/01/20 13:55
Analysis/Prep Date: 12/01/20 15:55
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Analyte	CAS NO.	QC Sample ID	Expected µg/L	Result µg/L	MDL µg/L	PQL µg/L	RPD	% REC	Recovery Limits	Qualifier & Comments
Hexavalent Chromium	18540-29-9	LRB	<2.50	<2.50	2.50	5.00				U
Hexavalent Chromium	18540-29-9	LCS	125.00	122.70	2.50	5.00		98.2	80 - 120	
Hexavalent Chromium	18540-29-9	MS	55.78	53.19	2.50	5.00		94.8	75 - 125	W012010-01
Hexavalent Chromium	18540-29-9	MSD	55.78	53.46	2.50	5.00	0.50	95.4	75 - 125	W012010-01

Report Qualifiers:

> = Result greater than quantifiable range or greater than upper limit of the analysis range

B = Inorganics and Wetchem: The analyte was detected at a value <RDL, but ≥IDL/MDL (as appropriate)

Organics: The analyte was detected in both the associated QC blank and in the sample, and the blank concentration exceeded the customer's contractual requirements

C = The analyte was detected in both the sample and the associated QC blank, and the sample concentration was ≤ 5X the blank concentration

D = Analyte was reported at a secondary dilution factor

J = Organics: Estimated value; (1) constituent detected at a level <RDL or PQL and ≥MDL and estimated concentrations of TICs

o = All: The associated LCS recovery is outside control limits

N = Spike and/or spike duplicate sample recovery is outside control limits

U = Analyzed for but not detected above limiting criteria

X or Y or Z = The result-specific translation of this qualifier code is provided in the hardcopy data report and/or case narrative.

Additional result-specific translation information may also be found in the RESULT_COMMENT field for this record.

Scientist II Dennese Smith

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any samples. Unless otherwise noted, samples were received in an acceptable condition. This laboratory operates in accordance with ISO 17025 guidelines, and holds limited scopes of accreditation under ORELAP Lab Code 4061 AIHA-LAP, LLC Lab ID 178656 EPA ID WA01195 and WA DOE Lab ID C859. This report may not be used to claim product endorsement by any laboratory accrediting agency. The results contained in this report relate only to the items tested or to the sample(s) as received by the laboratory. Any reproduction of this document must be in full for the report to be valid. Quality control data is available upon request.

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		W612009	F20-011-045	PAGE 1 OF 1
COLLECTOR Larry Roseano /CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC			REQUIRED TAT 30 Days
SAMPLING LOCATION C9928-1-01	PROJECT DESIGNATION 100-HR3 Well Installation sampling F20 - Water	SAF NO. F20-011	PURCHASE ORDER/CHARGE CODE 300115			
ICE CHEST NO. Re	FIELD LOGBOOK NO. HNF-N-645	ACTUAL SAMPLE DEPTH 27.0	PURCHASE ORDER/CHARGE CODE	BILL OF LADING/AIR BILL NO. N/A		METHOD OF SHIPMENT FEDERAL EXPRESS
SHIPPED TO Get Laboratory R Lee	OFFSITE PROPERTY NO. N/A					ORIGINAL
MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRELIMINARY HAZARDS/REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION Cool <=6C	HOLDING TIME 24 Hours	TYPE OF CONTAINER ag	NO. OF CONTAINER(S) 1	VOLUME 60ml
SPECIAL HANDLING AND/OR STORAGE N/A	SAMPLE ANALYSIS 7196, CR6: COMMON (Hexavalent Chromium);					
SAMPLE NO. B37BY3	FILTERED Yes	MATRIX* WATER	SAMPLE DATE DEC 01 2020	SAMPLE TIME 0951		

Dec. 9 2020

RJLG 2020 186

5.1

CHAIN OF POSSESSION		DATE/TIME		SIGN/PRINT NAMES		DATE/TIME		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM Larry Roseano /CHPRC		DEC 01 2020		RECEIVED BY/STORED IN Larry Wall /CHPRC		DEC 01 2020		TRVL-20-042	
Lasty Wall /CHPRC		DEC 01 2020		R Lee Group 12/01/2020		1355			
RJLG20C0186									
FINAL SAMPLE DISPOSITION									
DISPOSAL METHOD					DATE/TIME				
PRINTED ON 12/31/2019									
FSR ID = FSR88869					TRVL NUM = TRVL-20-042				
A-6003-618 (REV 3)									

RJLG20C0186

WORK ORDER
Dec. 9, 2020Printed: 12/8/2020 3:31:14PM
REV 0

W012009

RJ Lee Group Inc

Client: CH2M Hill Plateau Remediation Company - C01282F
Project: Hex Chrome
COC #: F20-011

PO #: 300115

Project Manager: Krystin Gilman
Project Number: 74392
SDG Number: RJLG20C0186

Report To:

CH2M Hill Plateau Remediation Company - C01282F
 Heather Medley
 825 Jadwin Avenue
 Richland, WA 99352
 Phone: (509) 373-6909
 Fax:

Invoice To:

CH2M Hill Plateau Remediation Company - C01282F
 Sample Management
 825 Jadwin Avenue
 Richland, WA 99352
 Phone: (509) 376-6427
 Fax:

Date Due: 12/31/2020 (20 day TAT)**Received By:** Lynn Porter**Date Received:** 12/01/20 13:55**Logged In By:** Lynn Porter**Date Logged In:** 12/01/20 14:50

Samples Received at: 5.1°C
Custody Seals: Yes
Containers Intact: Yes
COC/Labels Agree: Yes
Preservation Confirmed: No
Received On Ice: Yes

RJLG ID	Sample Name	Analysis	Matrix	Date Sampled	TAT	Date Due
W012009-01	B3VBY3 F20-011-045	Hexavalent Chromium by EPA 7196A	Non-Potable Water	12/01/20 09:51	20	12/31/2020