

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 10/28/20 Contract: 74392

Subject: Chemical Analysis Report, SDG Number: RJLG20C0120

Columbia Basin Analytical Laboratories received 9 sample(s) on 10/23/20 for analysis. These sample(s) have been assigned a login order number of W010207, SDG number RJLG20C0120. 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:

10/26/20

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:

Fuelog 10/28/20

Project Manager JJ Furlong

Columbia Basin Analytical Laboratories | 2710 North 20th Avenue, Pasco WA 93301 | 509.545.4989

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Report Template: Environmental.rpt

Approved: 10/26/20 22:05 Report Time Stamp: 10/28/20 07:28

(1 of 14)



| Heather Medley CH2M Hill Plateau Company - C01282 825 Jadwin Avenue Richland, WA 9935 Client Project: Hex | F 2 | Laboratory | v Report | Sam | ee Group No.: SDG No: ples Received: vsis/Prep Date: Report Date: | W010207 RJLG20C0120 10/23/20 14:45 10/23/20 17:05 10/28/20 07:28 |
|--|-------------|----------------|-----------------|-------------|---|--|
| Sample Name: | B3VNF5 | | | Date S | ampled: | 10/23/20 07:00 |
| RJ Lee Grn. ID: | W010207-01 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:05 |
| Analyte | Method | Result μg/L | PQL μg/L | MDL μg/L | Dilution Factors | Qualifiers |
| Hexavalent Chromi | um EPA 7196 | <2.50 | 5.00 | 2.50 | 1 | U |
| Sample Name: | B3VPJ2 | | | Date S | ampled: | 10/23/20 08:30 |
| RJ Lee Grn. ID: | W010207-02 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:05 |
| Analyte | Method | Result | PQL | MDL | Dilution | Qualifiers |
| | | μg/L | μg/L | μg/L | Factors | |
| Hexavalent Chromi | um EPA 7196 | 118.4 | 5.00 | 2.50 | 1 | |
| Sample Name: | B3VPL8 | | | Date S | ampled: | 10/23/20 09:29 |
| RJ Lee Grp. ID: | W010207-03 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:05 |
| Analyte | Method | Result | PQL | MDL | Dilution | Qualifiers |
| | | μg/L | μg/L | μg/L | Factors | |
| Hexavalent Chromi | um EPA 7196 | <2.50 | 5.00 | 2.50 | 1 | U |
| Sample Name: | B3VNF6 | | | Date S | ampled: | 10/23/20 10:00 |
| RJ Lee Grp. ID: | W010207-04 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:05 |
| Analyte | Method | Result | PQL | MDL | Dilution | Qualifiers |
| | | μg/L | μg/L | μg/L | Factors | |
| Hexavalent Chromi | um EPA 7196 | 5.11 | 5.00 | 2.50 | 1 | |
| Sample Name: | B3VH58 | | | Date S | ampled: | 10/23/20 10:52 |
| RJ Lee Grp. ID: | W010207-05 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:06 |
| Analyte | Method | Result | PQL | MDL | Dilution | Qualifiers |
| | | μg/L | μg/L | μg/L | Factors | |
| Hexavalent Chromi | um EPA 7196 | 4.97 | 5.00 | 2.50 | 1 | В |

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Approved: 10/26/20 22:05 Report Time Stamp: 10/28/20 07:28

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| Sample Name: | B3VPJ8 | | | Date S | ampled: | 10/23/20 10:58 |
|--|--|---------------------------|----------------------|---|---|--|
| RJ Lee Grp. ID: | W010207-06 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:06 |
| Analyte | Method | Result μg/L | PQL μg/L | MDL µg/L | Dilution Factors | Qualifiers |
| Hexavalent Chromiu | um EPA 7196 | 36.73 | 5.00 | 2.50 | 1 | |
| Sample Name: | B3VNT2 | | | Date S | ampled: | 10/23/20 11:20 |
| RJ Lee Grp. ID: | W010207-07 | Matrix: | Water | Date A | nalvzed: | 10/23/20 17:06 |
| Analyte | Method | Result μg/L | PQL μg/L | MDL µg/L | Dilution Factors | Qualifiers |
| Hexavalent Chromiu | um EPA 7196 | <2.50 | 5.00 | 2.50 | 1 | U |
| | | | | | | |
| Sample Name: | B3VP45 | | | Date S | ampled: | 10/23/20 11:40 |
| Sample Name: <u>RJ Lee Grp. ID:</u> | B3VP45 W010207-08 | Matrix: | Water | | ampled: nalvzed: | 10/23/20 11:40 10/23/20 17:09 |
| - | | Matrix: Result μg/L | Water PQL µg/L | | • | |
| RJ Lee Grp. ID: | W010207-08 Method | Result | PQL | Date A MDL | nalvzed: Dilution | 10/23/20 17:09 |
| RJ Lee Grp. ID: Analyte | W010207-08 Method | Result μg/L | PQL μg/L | Date A MDL µg/L 2.50 | nalvzed: Dilution Factors | 10/23/20 17:09 |
| RJ Lee Grp. ID: Analyte Hexavalent Chromiu | W010207-08 Method Im EPA 7196 | Result μg/L | PQL μg/L | Date A MDL µg/L 2.50 Date S | nalvzed: Dilution Factors | 10/23/20 17:09 Qualifiers |
| RJ Lee Grp. ID: Analyte Hexavalent Chromit Sample Name: | W010207-08 Method Im EPA 7196 B3VNR5 | Result μg/L 99.81 | PQL μg/L 5.00 | Date A MDL µg/L 2.50 Date S | nalvzed: Dilution Factors 1 ampled: | 10/23/20 17:09 Qualifiers 10/23/20 12:43 |

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| Heather Medle CH2M Hill Pl Remediation (825 Jadwin Av | ateau Company - | | Quality Control Water | | | | Sampl | e Group No.: SDG No.: es Received: is/Prep Date: | W010207 RJLG20C0120 10/23/20 14:45 10/23/20 17:04 | |
|---|--------------------|-----------------|--------------------------|----------------|-------------|-------------|-------|---|--|-------------------------|
| Richland, WA Client Project | 99352 | ne | | | | | • | Report Date: | 10/28/20 07:28 | |
| Analyte | CAS NO. | QC Sample ID | Expected µg/L | Result μg/L | MDL µg/L | PQL μg/L | RPD | % REC | Recovery Limits | Qualifier & Comments |

| Analyte | CAS NO. | ID | μg/L | μg/L | μg/L | μg/L | KI D | REC | Limits | Comments |
|---------------------|------------|-----|--------|--------|------|------|------|------|----------|------------|
| Hexavalent Chromium | 18540-29-9 | LRB | <2.50 | <2.50 | 2.50 | 5.00 | | | | U |
| Hexavalent Chromium | 18540-29-9 | LCS | 200.00 | 205.10 | 2.50 | 5.00 | | 103 | 80 - 120 | |
| Hexavalent Chromium | 18540-29-9 | MS | 86.70 | 82.57 | 2.50 | 5.00 | | 91.7 | 75 - 125 | W010207-06 |
| Hexavalent Chromium | 18540-29-9 | MSD | 86.70 | 83.09 | 2.50 | 5.00 | 0.63 | 92.7 | 75 - 125 | W010207-06 |

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 $\langle RDL, but \geq IDL/MDL$ (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 $\leq 5X$ the blank concentration

D = Analyte was reported at a secondary dilution factor

J = Organics: Estimated value; (1) constituent detected at a level $\langle RDL \text{ or } PQL \text{ and } \geq MDL$ 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.

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| CH2MHill Plateau Remediation Company | CHAIN OF CUS | TODY/SAMPLE ANALYS | | | C.O.C. # S20-004-212 | | |
|---|---------------------------|---------------------|--------------------|----------------|---|--|--|
| Remediation Company | | W010207 | | | Page 1 of 1 | | |
| Collector: Lorin Kelly (CHPPC) | Contact/Requester: Kare | | Telephone No.: | : 509-376-4650 | | | |
| SAF No.: \$20-004 | Sampling Origin: Hanf | ord Site | Purchase Order/C | Charge Code: 3 | 800071 | | |
| Project Title: CERCLA, April 2020 | Logbook No.: HNF-N-50 | 6-114/80 | Ice Chest No.: , | ~/A | | | |
| Shipped To (Lab): GEL Laboratories, LLC RJ Lee | Method of Shipment Com | mercial Carrier | Bill of Lading/Air | Bill No.: | 2 | | |
| Protocol: CERCLA KS OCT 2 2 202 | Priority: 30 Days | * | Offsite Property N | No.: NA | | | |
| OSSIBLE SAMPLE HAZARDS/REMARK * ** Contains Radioactive Material at concer ot regulated for transportation per 49 CFR , oods Regulations but are not releasable per | ' IATA Dangerous | SDG# RJLG20C0120 | 2.6°C | * | | | |
| ample No. Filter * Date Time No/Type Con | tainer | Sample Analysis | | Holding Time | Preservative | | |
| 33VNF5 ¥ 10/23/2020 0700 1x60-mL | aG 7196_CR6: COMMON | T | | 24 Hours | Cool <=6C | | |
| | 2 20 | | | | | | |
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| | | | | | 1 | | |
| Relinquished By | | Received By | | | Matrix * | | |
| Print First and Last Name Signature | Date/Time Print First and | Last Name Signature | Date/Tii | me S = Soil | DS = Drum Solids iment DL = Drum Liquids | | |

| Print First and Las | a warne | Signature | Date | a i iine | Finit First and East Name | orginaturo | | SE = Sediment | DL = Drum Liquids |
|---------------------|---------------|------------------------|--------------------|----------|---------------------------|------------|--------------------|--|---|
| Lorin Kelly (CH | PRC) LK | ell | OCT 2 3 2020 | | | | OCT 2 3 2020 10 20 | SO = Solid | T = Tissue WI = Wipe |
| | The | 007 2 3 2020 | 1445 | 2 | FRIN Leseberg Ein Lesebe | ↔ OCT 2 3 | 2020 1445 | SL = Sludge W = Water O = Oil A = Air | L = Liquid V = Vegetation X = Other |
| 0 | | | | | | | | l | |
| HINAL SAMPLE | Disposal Meth | nod (e.g., Return to c | ustomer, per lab p | rocedure | , used in process): | Dispos | ed By: | | Date/Time: |

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| CH2MHill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | | | |
|--|----------------|--|--------------------------------------|--------------------|----------------|--------------|--|--|
| | | | W010207 | | | Page 1 of 1 | | |
| Collector: Tim Callaway | Conta | act/Requester: Karen | Waters-Husted | Telephone No.: | 509-376-4650 | | | |
| SAF No.: 120-016 | Samp | Sampling Origin: Hanford Site | | | Charge Code: 3 | 00071 | | |
| Project Title: CERCLA, APRIL 2020 | Logb | Logbook No.: HNF-N-506 -117 Ice Chest N | | | | .: d/A | | |
| Shipped To (Lab) | CJ Lee Meth | od of Shipment Comme | ercial Carrier | Bill of Lading/Air | Bill No .: NA | 11 | | |
| Protocol: CERCLA KOCT 2 | 2 2 2020 Prior | ity: 30 Days | | Offsite Property | No.: N/A | | | |
| POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1 | | | SPECIAL INSTRUCTIONS | 2.40 | | | | |
| Sample No. Filter * Date Time No/T | Type Container | | SDG # PULG20C0120 Sample Analysis | | Holding Time | Preservative | | |
| | | 7196_CR6: COMMON | | 2 | 24 Hours | Cool <=6C | | |
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| Relinquished By | Received | Ву | Matrix * | |
|---|--------------------|---|---|---|
| Print First and Last Name Signature Date/Time Tim Callaway ICHPRC OCT 2 3 2020 (GoS) Jeff Tucksen CHPRC OCT 2 3 2020 1045 Jeff Lucas ICHPRC How OCT 2 3 2020 1445 | Jeff Tucksen CHPRC | ignature Date/Time OCT 2 3 2020 1005 7 2 3 2020 1045 DCT 2 3 2020 1445 | S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air | DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other |
| Disposal Method (e.g., Return to customer, per lab procedure, | used in process): | Disposed By: | | Date/Time: |
| Printed On 2/11/2020 | ESP ID = ESP00259 | | | A-6004-842 (REV 3) |

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= FSR90255 rak id

| CH2MHill Plateau Remediation Company | | CHAIN OF CUST | а 1 | C.O.C.# I20-016-010 | | | |
|--|-------------|-----------------------------|------------------------------|------------------------|----------------------------|--------------|--|
| Kemediation company | | | W010207 |] | | Page 1 of 1 | |
| Collector: Tim Cellaway /CHPRC | Con | ntact/Requester: Karen | Waters-Husted | Telephone No.: | 509-376-4650 | | |
| SAF No.: I20-016 | Sam | npling Origin: Hanfo | rd Site | Purchase Order | /Charge Code: ³ | 00071 | |
| Project Title: CERCLA, APRIL 2020 | Log | book No.: HNF-N-506 | -117 | Ice Chest No.: | | | |
| Shipped To (Lab): GEL Laboratories, LLC RJ | Lee Metl | hod of Shipment Comme | Bill of Lading/Air Bill No.: | | | | |
| Protocol: CERCLA KS OCT 2 2 | ???0 Prio | ority: 30 Days | | Offsite Property | No .: N/A | 8 | |
| POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at c not regulated for transportation per 49 Goods Regulations but are not releasable | A Dangerous | SPECIAL INSTRUCTIONS N/A | | | | | |
| | | | SDG#RJLGZOCO120 | | | | |
| Sample No. Filter * Date Time No/Typ | e Container | | Sample Analysis | | Holding Time | Preservative | |
| B3VPL8 ¥ 10/23/20 0529 1x6 | 0-mL aG | 7196_CR6: COMMON | | | 24 Hours | Cool <=6C | |

| Reli | nquished By | Receiv | Matrix | * | |
|-----------------------------|--|---|---|--|--|
| Print First and Last Name | Signature Date/Time OCT 2 3 2020 000 OCT 2 3 2020 0045 UCT 2 3 2020 0445 | Print First and Last Name Jeff Tucksen CHPRC Jeff Lucas ICHPRC HIPRC FOLC Elin (escherg Einfereber | Signature Date/Time OCT 2 3 2020 1005 OCT 2 3 2020 1045 OCT 2 3 2020 1445 | SE = Sediment DL SO = Solid T = SL = Sludge WI = W = Water L = O = Oil V = | = Drum Solids = Drum Liquids = Tissue = Wipe = Liquid = Vegetation = Other |
| FINAL SAMPLE Disposal Metho | od (e.g., Return to customer, per lab procedure | , used in process): | Disposed By: | Date | e/Time: |
| Printed On 2/26/2020 | | ESR ID = ESR90583 | | | 004 940 (DEV 2) |

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| CH2MHill Plateau | CHAIN OF CUSTODY/SAMPLE ANALYS | | C.O.C.# \$20-004-215 | |
|---|--|------------------------------|-------------------------|--|
| Remediation Company | W010207 | | Page 1 of 1 | |
| Collector: Lorin Kelly (CHPRC) | Contact/Requester: Karen Waters-Husted | Telephone No.: 509-376-465 | 0 | |
| SAF No.: \$20-004 | Sampling Origin: Hanford Site | Purchase Order/Charge Code: | 300071 | |
| Project Title: CERCLA, April 2020 | Logbook No.: HNF-N-506 -/14 /80 | Ice Chest No.: ///D | | |
| Shipped To (Lab); GEL Laboratories, LLC RJ Lee | Method of Shipment Commercial Carrier | Bill of Lading/Air Bill No.: | | |
| Protocol: CERCLA CS OCT 2 7 7070 | Priority: 30 Days | Offsite Property No.: いん | | |
| POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concen not regulated for transportation per 49 CFR / Goods Regulations but are not releasable per | IATA Dangerous | | | |
| Sample No. Filter * Date Time No/Type Cont | SDG#RJLG2000120 | Holding Tim | e Preservative | |
| B3VNF6 Y W 10/23/2620 1000 1x60-mL | | 24 Hours | | |

(8 of 14)

| | Relinquished By | 1 | Receive | ed By | | | 1atrix * |
|---------------------------|-----------------------------------|----------------------|---------------------------|--------------|-----------------|--|---------------------------------------|
| Print First and Last Name | Signature | Date/Time | Print First and Last Name | Signature | Date/Time | S = Soil SE = Sediment | DS = Drum Solids DL = Drum Liquids |
| Lorin Kelly (CHPRC) | 0 ECT 2 3 2020 /4 | 2320201020 | ELC C | OCT 2 3 2020 | T 2 3 2020 1020 | SO = Solid SL = Sludge W = Water | T = Tissue WI = Wipe L = Liquid |
| St prov | | | ERI'N Geberg hindoeberg | | | O = Oil A = Air | V = Vegetation X = Other |
| 2012C | | | | | | 4 | |
| 2200 | | | | | | | 2 |
| TINAL SAMPLE Disposal | Method (e.g., Return to customer, | , per lab procedure, | used in process): | Disposed By | | | Date/Time: |
| Printed On 2/11/2020 | | | FSR ID = FSR90320 | | 8 | | A-6004-842 (REV 3) |

| | Hill Plate | | | CHA | | ODY/SA | | IS REQUEST | | C.O.C.# S20-003-245 Page 1 of 1 |
|--|---|---------------------------|---------------|------------|-------------------------------------|-----------|-------------------|---------------------|---|--|
| Collector: Malco | om Chunn | | | Contact/Re | equester: Karen | Waters- | WOIDZOT Husted | Telephone No.: | 509-376-4650 | |
| SAF No.: | S20-003 | | | Sampling | | ord Site | nab coa | Purchase Order/0 | | |
| Project Title: | CERCLA, Mai | rah 2020 | | | No.: HNF-N-506 | | | | | |
| | | | | | | | | | H/A | |
| Shipped To (Lab | | | | | Shipment Comm | ercial Ca | arrier | Bill of Lading/Air | Bill No.: | |
| Protocol: | CERCLA | LS OCT | 2 3 2020 | Priority: | 30 Days | | | Offsite Property N | NO .: NIA | |
| POSSIBLE SAMP ** ** Contain not regulated Goods Regulat | s Radioactiv for transpo ions but are | e Material rtation per | 49 CFR / I | [ATA Dang | erous | N/A | 1NSTRUCTIONS | 3-4°C | | |
| ample No. Filte | r * Date | Time N | o/Type Contai | | | Sam | ole Analysis | | Holding Time | Preservative |
| 33VH58 ¥ | ₩ OCT 232 | 020 1052 | 1x60-mL aG | G 7196 | CR6: COMMON | | | | 24 Hours | Cool <=6C |
| J | | | | | | | | | · 4 | |
| - | | | 22 | | | | 81. | | | |
| | | <u>A</u> | | 80 | | | | 24 | | |
| | Reline | quished By | | | | | Received By | | | Matrix * |
| Rint First and Las | st Name | Signature | | ate/Time | Print First and L | | Signature | Date/Tin | S = Soil SE = Sedir | DS = Drum Solids nent DL = Drum Liquids |
| CHPRC | All Leng | OCT 2 3 20 | | 2 3 2020 | Jeff Lucz ICHPRO ERIN Leseber | 11-1 | OCT 2 3 2020 | OCT 2 3 202 1445 | SO = Solid SL = Sludg W = Wate O = Oil | e WI = Wipe |
| | | | | | | k.] | | | — A = Air | X = Other |

| 50 | | | | A = Air | X = Other |
|--------------|---|---------|--------------|---------|------------|
| 5 | | | | | |
| <u>5</u> | | | | | |
| FINAL SAMPLE | Disposal Method (e.g., Return to customer, per lab procedure, used in pro | ocess): | Disposed By: | | Date/Time: |

| • CH2MHill Plateau | C | AIN OF CUSTODY/SAMPLE ANA | LYSIS REQUEST | | .o.c.# 120-016-012 | | |
|---|-------------------|--------------------------------|-----------------------|-----------------------------|-----------------------|--|--|
| Remediation Company | | W01020 | | Page 1 of | | | |
| Collector: Tim Callaway | Contac | Requester: Karen Waters-Husted | Telephone No.: 509 | Telephone No.: 509-376-4650 | | | |
| SAF No.: 120-016 | Sampli | g Origin: Hanford Site | Purchase Order/Cha | arge Code: 30 | 0071 | | |
| Project Title: CERCLA, APRIL 2020 | Logboo | No.: HNF-N-506 -117 | Ice Chest No.: 📈 | IR | | | |
| Shipped To (Lab): GEL Laboratories, LLC R | JLee Method | of Shipment Commercial Carrier | Bill of Lading/Air Bi | li No.: | | | |
| Protocol: CERCLA KS CCT | 2 2 2020 Priority | 30 Days | Offsite Property No. | : NIA | | | |
| POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at not regulated for transportation per 4 Goods Regulations but are not releasab | 9 CFR / IATA Da | ngerous | 3. 4°C | | | | |
| Sample No. Filter * Date Time No/T | ype Container | Sample Analysis | н | olding Time | Preservative | | |
| B3VPJ8 Y W 10/23/20 1058 1 | x60-mL aG 71 | 96_CR6: COMMON | | 24 Hours | Cool <=6C | | |

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|-----------------------------------|---|---------------------------|--|-----------|---|---|
| Relinguis | hed By | | Received By | | N | latrix * |
| Print First and Last Name | Signature Date/Time | Print First and Last Name | ne in the second | Date/Time | S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air | DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other |
| FINAL SAMPLE Disposal Method (e.g | , Return to customer, per lab procedure | e, used in process): | Disposed By: | | | Date/Time: |
| Printed On 2/11/2020 | | FSR ID = FSR90260 | | | | A-6004-842 (REV 3 |

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| | MHill Platea | | | СНА | | ODY/SAN | | | | c.o.c.# \$20-004-233 | | |
|-------------------|---|--------------------|---------------|-----------|--|------------|-------------|--------------------|----------------|-------------------------|--|--|
| Remed | liation Comp | any | | •••• | | | N010207 | | Page 1 of 1 | | | |
| Collector: | Lorin Kelly | PRC) | | Contact/R | Contact/Requester: Karen Waters-Husted | | | Telephone No.: | 509-376-4650 |) | | |
| SAF No.: | s20-004 | | | Sampling | Origin: Hanfo | rd Site | | Purchase Order/ | Charge Code: 🤇 | 300071 | | |
| Project Title: | CERCLA, April | 1 2020 | | Logbook | No.: HNF-N-506 | -114 8 | 0 | Ice Chest No.: | HA | 201 | | |
| | ab): <mark>GEL Laborato</mark> | | LERJ Lee | Method of | Shipment Comm | ercial Car | rier | Bill of Lading/Air | Bill No.: | | | |
| Protocol: | CERCLA | | OCT 2 2 2020 | Priority: | 30 Days | | 2 | Offsite Property | No.: N/A | | | |
| ** ** Contai | MPLE HAZARDS/RE ns Radioactive ed for transport ations but are r | Materia ation 1 | per 49 CFR / | IATA Dang | jerous | N/A | LG20(0120 | 3.4.0 | | 191 | | |
| ample No. Fil | ter * Date | Time | No/Type Conta | ainer | | | e Analysis | | Holding Time | e Preservative | | |
| | r W 10/23/2020 | | 1x60-mL a | | CR6: COMMON | · · · · | | | 24 Hours | Cool <=6C | | |
| a, 2020 | | 2. | | | | | | 2 X | × ., | | | |
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| 100 | | | | | | | | | 1 O | | | |
| | Relingu | ished B | / | | | | Received By | | | Matrix * | | |
| Print First and I | | Signal | | Date/Time | Print First and | ast Name | Signature | Date/T | ime S = Soil | DS = Drum Solic | | |

| | | | | | | S = Soil | DS = Drum Solids |
|--------------------------------|-----------------------|--------------------------|---------------------------|--------------|--|--------------------------|-------------------------|
| Print First and Last Name | Signature | Date/Time | Print First and Last Name | Signature | Date/Time | SE = Sediment | DL = Drum Liquids |
| Lorin Kelly (CHPRC) L Kel | ly oc | T 2 3 2020 1130 | Jeff Lucas | OCT | 2 3 2020 1130 | SO = Solid | T = Tissue WI = Wipe |
| Jeff Lucas | OCT 2 3 2020 | 1445 | Flin Leaberg En Lesby | OCT 2 3 2020 | 1445 | SL = Sludge W = Water | L = Liquid |
| | | | | | | O = Oil | V = Vegetation |
| 0 | | | | | | A = Air | X = Other |
| 12 | | | | | 1. | | |
| Z0C0 | | 3 | 1 | | | 20 | |
| 220 | | | N | | | | |
| TINAL SAMPLE Disposal Method (| e.g., Return to custo | omer, per lab procedure, | used in process): | Disposed B | y: | | Date/Time: |
| | | | | | | | |
| Printed On 2/11/2020 | | | FSR ID = FSR90325 | | | | A-6004-842 (REV 3) |

| | | l Platea ion Comp | - | | | CHAIN OF CUST | rody/sample analys | IS REQUEST | - | C.O.C.# S20-004-203 Page 1 of 1 | | |
|----------------|--------------------|--------------------------|--------------------|---|-------|-----------------------|------------------------------------|----------------------|-----------------------------|--|--|--|
| Collector: | Juan A CHF | | | | Con | tact/Requester: Karer | | Telephone No.: 50 | Telephone No.: 509-376-4650 | | | |
| SAF No.: | S20 |)-004 | | ÷ | Sam | pling Origin: Hanfo | ord Site | Purchase Order/Ch | arge Code: 30 | 00071 | | |
| Project Title: | CEI | CLA, April | 2020 | | Log | book No.: HNF-N-506 | 5-116158 | Ice Chest No.: | 10 | 1 | | |
| Shipped To (L | ab): GB | Laborator | ries, L | BE RJ Lee | Meti | hod of Shipment Comm | ercial Carrier | Bill of Lading/Air B | | | | |
| Protocol: | CEI | RCLA | Ks | DCT 2 2 2020 | Prio | rity: 30 Days | | Offsite Property No | ».: | | | |
| not regulate | ins Ra ed for | dioactive l transport | Materia ation p | l at concent er 49 CFR / asable per I | IATA | rder 458.1 | SPECIAL INSTRUCTIONS | | 2 | | | |
| Sample No. Fi | ter * | Date | Time | No/Type Conta | ainer | 2 | SDG#EJLG2OCCIZO Sample Analysis | l H | Holding Time | Preservative | | |
| B3VP45 | y v | CT 2 3 2020 | 1140 | lx60-mL a | aG | 7196_CR6: COMMON | | | 24 Hours | Cool <=6C | | |

1

(12 of 14)

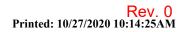
| Reli | inquished By | | Rec | eived By | | n N | /latrix * |
|---|---------------------------------|------------------|---------------------|---------------------------------------|-----------|--|---|
| Print First, and Last Name Juan Aguilar CHPRC Junt Lucas ICHPRC | Signature | 445 | | Signature OCT 2 3 2020 2 3 2020 | Date/Time | S = Soil SE = Sedimen SO = Solid SL = Sludge W = Water O = Oil A = Air | DS = Drum Solids t DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other |
| | od (e.g., Return to customer, p | er lab procedure | , used in process): | Disposed By: | | | Date/Time: |
| Printed On 2/26/2020 | | | FSR ID = FSR90584 | | | | A-6004-842 (REV 3) |

| CH2MHill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANA | LYSIS REQUEST | C | C.O.C.# 520-004-230 | | | |
|---|---------------|-------------------------------------|----------------------|-----------------------------|------------------------|--|--|--|
| | | WOIDZ | 07 | Page 1 of 1 | | | | |
| Collector: Lorin Kelly (CHPRC) | Con | tact/Requester: Karen Waters-Husted | Telephone No.: 50 | Telephone No.: 509-376-4650 | | | | |
| SAF No.: \$20-004 | Sam | npling Origin: Hanford Site | Purchase Order/Ch | harge Code: 30 | 0071 | | | |
| Project Title: CERCLA, April 2020 | Logi | book No.: HNF-N-506 -114 80 | Ice Chest No.: | 10 | | | | |
| Shipped To (Lab): GEL Laboratories, LLC | 25 Lee Meth | hod of Shipment Commercial Carrier | Bill of Lading/Air B | | | | | |
| Protocol: CERCLA | 2 2 2020 Prio | rity: 30 Days | Offsite Property No | Offsite Property No.: NA | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at not regulated for transportation per 4 Goods Regulations but are not releasab | 9 CFR / IATA | Dangerous Order 458.1 | 3 | | * | | | |
| Sample No. Filter * Date Time No/T | ype Container | SDG# QJLG20CDI2 Sample Analysis | | | Preservative | | | |
| B3VNR5 W 10 23 20 1243 1 | x60-mL aG | 7196_CR6: COMMON | | 24 Hours | Cool <=6C | | | |

| R | elinquished By | | Rece | ived By | | Ν | /latrix * |
|---|---|-----------------------|--|------------|--------------------------------------|--|---|
| Print First and Last Name Lorin Kelly (CHPAC) L. | Signature Kell OCT 2 OCT 2 3 2020 | | Print First and Last Name Jeff Lucas ICHPRC Juliu Folg Elin leseberg Entenberg | | Date/Time CT 2 3 2020 300 1445 | S = Soil SE = Sedimen SO = Solid SL = Sludge W = Water O = Oil A = Air | DS = Drum Solids t DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other |
| FINAL SAMPLE Disposal Me | ethod (e.g., Return to custome | r, per lab procedure, | used in process): | Disposed B | y: | | Date/Time: |
| Printed On 2/19/2020 | | | FSR ID = FSR90485 | | | | A-6004-842 (REV 3) |

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October 29, 2020 WORK ORDER



W010207

RJ Lee Group Inc

| Client: CH Project: Hex COC #: S20/ | | 1 Company - C01282F PO #: 300071 | | Project Mana Project Numb SDG Number | | | |
|--|--|-------------------------------------|------------------------------|--|-----------------|-----|------------|
| Report To: CH2M Hill Pl | ateau Remediation Company | - C01282F | Invoice To: CH2M Hill Pla | ateau Remediation Cor | npany - C01282F | | |
| Heather Medl | ey | | Sample Manag | gement | | | |
| 825 Jadwin Av | venue | | 825 Jadwin Av | renue | | | |
| Richland, WA | .99352 | | Richland, WA | | | | |
| Phone: (509) 3 | 373-6909 | | Phone: (509) 3 | 76-6427 | | | |
| Fax: | | | Fax: | | | | |
| Date Due: | 11/23/2020 (21 day TA | Г) | | | | | |
| Received By: | Erin Leseberg | | Date Received | d: 10/23/20 14:45 | 5 | | |
| Logged In By | : Erin Leseberg | | Date Logged | In: 10/23/20 15:20 |) | | |
| Samples Receiv Custody Seals Containers Inta COC/Labels Ag Preservation Co Received On Ic | Yes ct Yes gree Yes onfirmed No | | | | | | |
| RJLG ID | Sample Name | Analysis | | Matrix | Date Sampled | TAT | Date Due |
| W010207-01 | B3VNF5 S20-004-212 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 07:00 | 21 | 11/23/2020 |
| W010207-02 | B3VPJ2 I20-016-011 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 08:30 | 21 | 11/23/2020 |
| W010207-03 | B3VPL8 I20-016-010 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 09:29 | 21 | 11/23/2020 |
| W010207-04 | B3VNF6 S20-004-215 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 10:00 | 21 | 11/23/2020 |
| W010207-05 | B3VH58 S20-003-245 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 10:52 | 21 | 11/23/2020 |
| W010207-06 | B3VPJ8 I20-016-012 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 10:58 | 21 | 11/23/2020 |
| W010207-07 | B3VNT2 S20-004-233 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 11:20 | 21 | 11/23/2020 |
| W010207-08 | B3VP45 S20-004-203 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 11:40 | 21 | 11/23/2020 |
| W010207-09 | B3VNR5 S20-004-230 | Hexavalent Chromium | by EPA 7196A | Non-Potable Water | 10/23/20 12:43 | 21 | 11/23/2020 |