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EDMC

**SAF-RC-048**

**100 Area and 300 Area Component of the  
RCBRA Water Sampling  
FINAL DATA PACKAGE**

**COMPLETE COPY OF DATA PACKAGE TO:**

Jackie Queen H4-22

KW 1/15/07  
Initial/Date

**COMMENTS:**

**SDG EAS122106**

**SAF-RC-048**

Rad only

X Chem only

Rad & Chem

X Complete

Partial

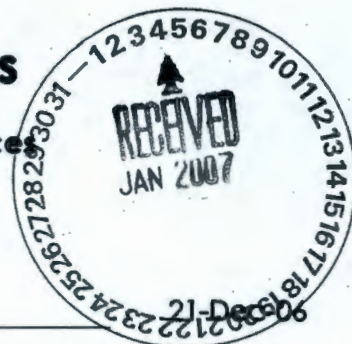


# Report of Analysis

For: Environmental Assessment Services

Attn: Brett Tiller

Project Manager: \_\_\_\_\_



Client Sample ID: EAS-Lab Rinseate

Lab Sample ID: 07145-01

Site:

Collection Date: 8/23/2006 10:34 AM

| Analyte | CAS # | Sample Result | Method   | PQL | MDL | Analysis Date |
|---------|-------|---------------|----------|-----|-----|---------------|
| Gr-A    |       | < 4 pCi/L     | SM 7110B | 4   |     | 8/30/2006     |
| Gr-B    |       | < 8 pCi/L     | SM 7110B | 8   |     | 8/30/2006     |

Client Sample ID: J135Y0

Lab Sample ID: 07155-01

Site:

Collection Date: 9/5/2006 11:20 AM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | < 3 µg/L      | SM 3500-Cr | 3   |     | 9/5/2006      |

Client Sample ID: J135Y1

Lab Sample ID: 07155-02

Site:

Collection Date: 9/5/2006 10:15 AM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | < 3 µg/L      | SM 3500-Cr | 3   |     | 9/5/2006      |

Client Sample ID: J13DT0

Lab Sample ID: 07181-01

Site:

Collection Date: 9/17/2006 12:45 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 24 µg/L       | SM 3500-Cr | 3   |     |               |

Client Sample ID: J13DT1

Lab Sample ID: 07181-02

Site:

Collection Date: 9/17/2006 11:00 AM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | < 3 µg/L      | SM 3500-Cr | 3   |     |               |

Client Sample ID: J13LN1

Lab Sample ID: 07316-01

Site:

Collection Date: 11/25/2006 10:30 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 3.6 µg/L      | SM 3500-Cr | 3   |     | 11/26/2006    |

Client Sample ID: J13HH6

Lab Sample ID: 07316-02

Site:

Collection Date: 11/25/2006 7:15 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 25 µg/L       | SM 3500-Cr | 3   |     | 11/26/2006    |



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16 # EAS122106  
RC-048



**Client Sample ID:** J13HH8**Lab Sample ID:** 07316-03**Site:****Collection Date:** 11/25/2006 9:20 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 16 µg/L       | SM 3500-Cr | 3   |     | 11/26/2006    |

**Client Sample ID:** J13HH7**Lab Sample ID:** 07316-04**Site:****Collection Date:** 11/25/2006 8:30 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 7.7 µg/L      | SM 3500-Cr | 3   |     | 11/26/2006    |

**Client Sample ID:** J13TD1**Lab Sample ID:** 07343-01**Site:****Collection Date:** 11/28/2006 1:45 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 11/29/2006    |

**Client Sample ID:** J13TD2**Lab Sample ID:** 07343-02**Site:****Collection Date:** 11/28/2006 12:15 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 11/29/2006    |

**Client Sample ID:** J13TF2**Lab Sample ID:** 07343-03**Site:****Collection Date:** 11/28/2006 2:35 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 11/29/2006    |

**Client Sample ID:** J13TV4**Lab Sample ID:** 07344-01**Site:****Collection Date:** 11/29/2006 1:50 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 11/30/2006    |

**Client Sample ID:** J13TW0**Lab Sample ID:** 07344-02**Site:****Collection Date:** 11/29/2006 1:55 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 11/30/2006    |

**Client Sample ID:** J13TX3**Lab Sample ID:** 07345-01**Site:****Collection Date:** 12/4/2006 12:30 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/5/2006     |

**Client Sample ID:** J13TY6**Lab Sample ID:** 07345-02**Site:****Collection Date:** 12/4/2006 1:25 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/5/2006     |



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Client Sample ID: J13TD7

Site:

Lab Sample ID: 07361-01

Collection Date: 12/12/2006 9:15 AM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/12/2006    |

Client Sample ID: J13TV6

Site:

Lab Sample ID: 07361-02

Collection Date: 12/12/2006 9:20 AM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/12/2006    |

Client Sample ID: J13TX9

Site:

Lab Sample ID: 07361-03

Collection Date: 12/12/2006 8:45 AM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/12/2006    |

Client Sample ID: J13TX8

Site:

Lab Sample ID: 07365-01

Collection Date: 12/13/2006 11:00 AM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/14/2006    |

Client Sample ID: J13TY3

Site:

Lab Sample ID: 07365-02

Collection Date: 12/13/2006 9:45 AM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/14/2006    |

Client Sample ID: J13TX2

Site:

Lab Sample ID: 07366-01

Collection Date: 12/14/2006 1:30 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/15/2006    |

Client Sample ID: J13TY4

Site:

Lab Sample ID: 07366-02

Collection Date: 12/14/2006 12:00 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/15/2006    |

Client Sample ID: J13TY5

Site:

Lab Sample ID: 07366-03

Collection Date: 12/14/2006 12:45 PM

| Analyte     | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|-------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium VI | 7440-47-3 | < 0.5 mg/L    | SM 3500-Cr | 0.5 |     | 12/15/2006    |

Client Sample ID: J13V99

Site:

Lab Sample ID: 07375-01

Collection Date: 12/16/2006 4:20 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 13 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |



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Client Sample ID: J13VC9

Lab Sample ID: 07375-02

Site:

Collection Date: 12/16/2006 1:00 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 3.0 µg/L      | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13V97

Lab Sample ID: 07375-03

Site:

Collection Date: 12/16/2006 6:45 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | < 3 µg/L      | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13V98

Lab Sample ID: 07375-04

Site:

Collection Date: 12/16/2006 5:45 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 24 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W66

Lab Sample ID: 07375-05

Site:

Collection Date: 12/16/2006 3:15 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 39 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W67

Lab Sample ID: 07375-06

Site:

Collection Date: 12/16/2006 5:30 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 42 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W68

Lab Sample ID: 07375-07

Site:

Collection Date: 12/16/2006 6:45 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 37 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W69

Lab Sample ID: 07375-08

Site:

Collection Date: 12/16/2006 6:50 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 42 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W70

Lab Sample ID: 07375-09

Site:

Collection Date: 12/16/2006 7:00 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 3.7 µg/L      | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W71

Lab Sample ID: 07375-10

Site:

Collection Date: 12/16/2006 4:30 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 21 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |



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Client Sample ID: J13W72

Site:

Lab Sample ID: 07375-11

Collection Date: 12/16/2006 4:40 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 19 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W73

Site:

Lab Sample ID: 07375-12

Collection Date: 12/16/2006 4:50 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 20 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

Client Sample ID: J13W74

Site:

Lab Sample ID: 07375-13

Collection Date: 12/16/2006 5:00 PM

| Analyte              | CAS #     | Sample Result | Method     | PQL | MDL | Analysis Date |
|----------------------|-----------|---------------|------------|-----|-----|---------------|
| Chromium, hexavalent | 7440-47-3 | 20 µg/L       | SM 3500-Cr | 3   |     | 12/17/2006    |

PQL = Practical Quantitation Limit, MDL = Method Detection Limit, NA = not analyzed



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