



June 2, 2017

Report To Water Quality
Department of Environmental Quality - Twin Falls Office
650 Addison Ave W, Suite 110
Twin Falls, ID 83301

Sample Submitted By Department of Environmental Quality - Twin Falls

RE: Workorder: E170500176 051917
Profile 8514 - Twin Falls - Big Wood River TMDL

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, May 19, 2017. Results reported herein conform to the most current federal standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ernie Bader

Enclosures

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Workorder: E170500176 051917

SAMPLE SUMMARY

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|----------------|--------------------------------|--------|-----------------|-----------------|
| E170500176-001 | Bridge Cross below Bellevue | Water | 5/18/2017 10:50 | 5/19/2017 13:07 |
| E170500176-002 | Bridge below Bellevue - Dup | Water | 5/18/2017 10:50 | 5/19/2017 13:07 |
| E170500176-003 | Bridge below Bellevue - Blank | Water | 5/18/2017 10:50 | 5/19/2017 13:07 |
| E170500176-004 | Old RR Bridge below Confluence | Water | 5/18/2017 11:55 | 5/19/2017 13:07 |

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Workorder: E170500176 051917

ANALYTICAL RESULTS

Chemistry samples are disposed of after 60 days unless the laboratory is notified otherwise.

Lab ID: E170500176-001 Date Received: 5/19/2017 13:07 Matrix: Water
Sample ID: Bridge Cross below Bellevue Date Collected: 5/18/2017 10:50
Location: BWR

-- Metals --

| Parameters | Results | Units | Detection Limit | Analyzed | By | Qual | MCL |
|-------------------------------|----------|-------|-----------------|-----------|----|------|-------|
| Preparation Method: EPA 200.8 | | | | | | | |
| Analytical Method: EPA 200.8 | | | | | | | |
| Arsenic | 0.0045 | mg/L | 0.0020 | 6/2/2017 | VW | | 0.01 |
| Barium | 0.082 | mg/L | 0.0010 | 6/2/2017 | VW | | 2 |
| Cadmium | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.005 |
| Chromium | 0.0051 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.1 |
| Lead | 0.0095 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.015 |
| Selenium | <0.0020 | mg/L | 0.0020 | 6/2/2017 | VW | | 0.05 |
| Silver | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | |
| Zinc | 0.035 | mg/L | 0.010 | 6/2/2017 | VW | | |
| Preparation Method: EPA 245.1 | | | | | | | |
| Analytical Method: EPA 245.1 | | | | | | | |
| Mercury | <0.00050 | mg/L | 0.00050 | 5/25/2017 | VW | | |

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Workorder: E170500176 051917

ANALYTICAL RESULTS

Chemistry samples are disposed of after 60 days unless the laboratory is notified otherwise.

Lab ID: E170500176-002 Date Received: 5/19/2017 13:07 Matrix: Water
Sample ID: Bridge below Bellevue - Dup Date Collected: 5/18/2017 10:50
Location: BWR

-- Metals --

| Parameters | Results | Units | Detection Limit | Analyzed | By | Qual | MCL |
|-------------------------------|----------|-------|-----------------|-----------|----|------|-------|
| Preparation Method: EPA 200.8 | | | | | | | |
| Analytical Method: EPA 200.8 | | | | | | | |
| Arsenic | 0.0045 | mg/L | 0.0020 | 6/2/2017 | VW | | 0.01 |
| Barium | 0.085 | mg/L | 0.0010 | 6/2/2017 | VW | | 2 |
| Cadmium | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.005 |
| Chromium | 0.0051 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.1 |
| Lead | 0.0098 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.015 |
| Selenium | <0.0020 | mg/L | 0.0020 | 6/2/2017 | VW | | 0.05 |
| Silver | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | |
| Zinc | 0.035 | mg/L | 0.010 | 6/2/2017 | VW | | |
| Preparation Method: EPA 245.1 | | | | | | | |
| Analytical Method: EPA 245.1 | | | | | | | |
| Mercury | <0.00050 | mg/L | 0.00050 | 5/25/2017 | VW | | |

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Workorder: E170500176 051917

ANALYTICAL RESULTS

Chemistry samples are disposed of after 60 days unless the laboratory is notified otherwise.

Lab ID: E170500176-003 Date Received: 5/19/2017 13:07 Matrix: Water
Sample ID: Bridge below Bellevue - Blank Date Collected: 5/18/2017 10:50
Location: BWR

-- Metals --

| Parameters | Results | Units | Detection Limit | Analyzed | By | Qual | MCL |
|-------------------------------|----------|-------|-----------------|-----------|----|------|-------|
| Preparation Method: EPA 200.8 | | | | | | | |
| Analytical Method: EPA 200.8 | | | | | | | |
| Arsenic | <0.0020 | mg/L | 0.0020 | 6/2/2017 | VW | | 0.01 |
| Barium | 0.087 | mg/L | 0.0010 | 6/2/2017 | VW | | 2 |
| Cadmium | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.005 |
| Chromium | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.1 |
| Lead | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | 0.015 |
| Selenium | <0.0020 | mg/L | 0.0020 | 6/2/2017 | VW | | 0.05 |
| Silver | <0.0010 | mg/L | 0.0010 | 6/2/2017 | VW | | |
| Zinc | <0.010 | mg/L | 0.010 | 6/2/2017 | VW | | |
| Preparation Method: EPA 245.1 | | | | | | | |
| Analytical Method: EPA 245.1 | | | | | | | |
| Mercury | <0.00050 | mg/L | 0.00050 | 5/25/2017 | VW | | |

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