

ANALYTICAL REPORT

Montana Environmental Laboratory LLC

1170 N. Meridian Rd., P.O. Box 8900, Kalispell, MT 59904-1900
Phone: 406-755-2131 Fax: 406-257-5359 www.melab.us

Patrick Siers
USFS Holland Lake WW
650 Wolfpack Way
Kalispell, MT 59901

PWS ID:
Project: Monitoring Well

Client Sample ID: Well #1 **Lab ID:** 2403652-01
Matrix: ENVIRO WATER **Collected:** 04/23/2024 11:00 **Received:** 04/23/2024 14:47

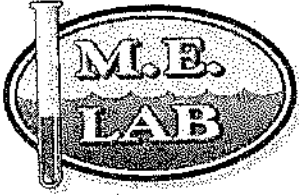
| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Prepared</u> | <u>Analyzed</u> | <u>Analyst</u> |
|-------------------------------|---------------|--------------|-----------|------------|---------------|------------------|------------------|----------------|
| BOD | ND | mg/L | 2 | | SM5210B | 04/24/2024 15:00 | 04/29/2024 15:00 | NB |
| Dissolved Oxygen | 4.60 | mg/L | 1 | | HACH 10360 | | 04/23/2024 15:30 | NB |
| Nitrate + Nitrite, Total | ND | mg/L | 0.01 | | E353.2 | | 04/26/2024 12:05 | NB |
| Nitrogen, Total | 0.36 | mg/L | 0.20 | | Calculation | | 04/30/2024 9:30 | NB |
| Phosphorus, Total | 0.15 | mg/L | 0.01 | | E365.1 | | 04/24/2024 10:36 | NB |
| Total Kjeldahl Nitrogen (TKN) | 0.36 | mg/L | 0.20 | | E351.2 | | 04/29/2024 15:52 | NB |

Client Sample ID: Well #2 **Lab ID:** 2403652-02
Matrix: ENVIRO WATER **Collected:** 04/23/2024 12:20 **Received:** 04/23/2024 14:47

| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Prepared</u> | <u>Analyzed</u> | <u>Analyst</u> |
|-------------------------------|---------------|--------------|-----------|------------|---------------|------------------|------------------|----------------|
| BOD | ND | mg/L | 2 | | SM5210B | 04/24/2024 15:00 | 04/29/2024 15:00 | NB |
| Dissolved Oxygen | 4.71 | mg/L | 1 | | HACH 10360 | | 04/23/2024 15:30 | NB |
| Nitrate + Nitrite, Total | 0.14 | mg/L | 0.01 | | E353.2 | | 04/26/2024 12:05 | NB |
| Nitrogen, Total | 0.41 | mg/L | 0.20 | | Calculation | | 04/30/2024 9:30 | NB |
| Phosphorus, Total | 0.14 | mg/L | 0.01 | | E365.1 | | 04/24/2024 10:36 | NB |
| Total Kjeldahl Nitrogen (TKN) | 0.27 | mg/L | 0.20 | | E351.2 | | 04/29/2024 15:52 | NB |

Client Sample ID: Well #3 **Lab ID:** 2403652-03
Matrix: ENVIRO WATER **Collected:** 04/23/2024 12:50 **Received:** 04/23/2024 14:47

| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Prepared</u> | <u>Analyzed</u> | <u>Analyst</u> |
|-------------------------------|---------------|--------------|-----------|------------|---------------|------------------|------------------|----------------|
| BOD | ND | mg/L | 2 | | SM5210B | 04/24/2024 15:00 | 04/29/2024 15:00 | NB |
| Dissolved Oxygen | 5.41 | mg/L | 1 | | HACH 10360 | | 04/23/2024 15:30 | NB |
| Nitrate + Nitrite, Total | 0.07 | mg/L | 0.01 | | E353.2 | | 04/26/2024 12:05 | NB |
| Nitrogen, Total | 0.39 | mg/L | 0.20 | | Calculation | | 04/30/2024 9:30 | NB |
| Phosphorus, Total | 0.11 | mg/L | 0.01 | | E365.1 | | 04/24/2024 10:36 | NB |
| Total Kjeldahl Nitrogen (TKN) | 0.32 | mg/L | 0.20 | | E351.2 | | 04/29/2024 15:52 | NB |



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Patrick Siers
 USFS Holland Lake WW
 650 Wolfpack Way
 Kalispell, MT 59901

PWS ID:
 Project: Monitoring Well

MONTANA ENVIRONMENTAL LAB, LLC
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3652

Custody and Analytical Request Record

Use Print. Provide as much information as possible

Page 1 of 1

| | |
|---|--|
| Company Name <u>FLATHEAD NATIONAL FOREST</u> | Project Name (PWSID or Project # Etc.) <u>HOLLAND LAKE WASTE WATER</u> |
| Report Address <u>PATRICK SIERS</u> <u>650 WOLFPACK WAY KALISPELL</u> | Contact Name, Phone Etc. <u>PATRICK SIERS</u> Project Description <u>Monitoring Well</u> |
| Sampler Printed Name and Signature <u>GAMP</u> | Then Approve and Submit <input type="checkbox"/> Analytical Request <input type="checkbox"/> Custody Receipt (2004-1-15-2004) <input type="checkbox"/> Custody Receipt (2004-1-15-2004) <input type="checkbox"/> Other |

| SITE NAME or LOCATION | SAMPLE DATE | SAMPLE TIME | MATRIX or Matrixes | Analysis Requested | | | | | COMMENTS |
|-----------------------|-------------|-------------|--------------------|--------------------|-------------------|---------------|-------------|-----|----------|
| | | | | BOD | Dissolves or TNOX | Total Nitrate | Total Phos. | TKN | |
| Well #1 | 1/23/04 | 12:00 | | | | | | | |
| Well #2 | 1/23/04 | 12:30 | | | | | | | |
| Well #3 | 1/23/04 | 12:50 | | | | | | | |

| | | | | |
|--------------------------------------|--------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|
| Custody Record MUST be Signed | Requested by <u>Patrick Siers</u> | Date/Time <u>1/23/04 12:47</u> | Received by <u>W. M. Miller</u> | Date/Time <u>1/23/04 14:47</u> |
| | Requested by | Date/Time | Received by | Date/Time |
| | Requested by | Date/Time | Received by | Date/Time |

NET 30 DAYS, 1.5% PER MONTH INTEREST CHARGE (10% A.P.R.) CUSTOMER AGREES TO PAY COLLECTION COSTS AND ATTORNEY'S FEES.

- LAB USE ONLY:
1. Use only a clean vial.
 2. Be careful not to get water on it.
 3. Check off results as appropriate when you return it.

| | |
|-------------------------|--|
| LOGIN COMMENTS: | SAMPLES CHECKED/COOLED IN BY: SAMPLE TEMP. RECEIPT AT LAB: <input type="checkbox"/> (Check for yes) SAMPLES RECEIVED DAY OF COLLECTION? <input type="checkbox"/> (Check for yes) BLUE ICE: FROZEN PARTIALLY FROZEN THAWED |
|-------------------------|--|

QUALITY CONTROL REPORT

Montana Environmental Laboratory LLC

Test Parameters

Order#: M2403652

| BLANK WASTE WATER | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
|--------------------------------------|------------|---------------------|--------------------|-------------------|---------------------|------|
| Nitrate + Nitrite, Total-mg/L | 2303476-02 | | | 0 | | |
| Nitrate + Nitrite, Total-mg/L | 2303476-02 | | | 0 | | |
| Nitrate + Nitrite, Total-mg/L | 2303476-02 | | | 0 | | |
| Phosphorus, Total-mg/L | 2303471-02 | | | 0 | | |
| Phosphorus, Total-mg/L | 2303471-02 | | | 0 | | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-02 | | | 0 | | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-02 | | | 0 | | |
| CONTROL ENVIRO WATER | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
| BOD-mg/L | 2303482-03 | | 198 | 217 | 109.6% | |
| BOD-mg/L | 2303482-03 | | 198 | 217 | 109.6% | |
| Nitrate + Nitrite, Total-mg/L | 2303476-03 | | 1 | 1 | 100.0% | |
| Nitrate + Nitrite, Total-mg/L | 2303476-03 | | 1 | 1 | 100.0% | |
| Nitrate + Nitrite, Total-mg/L | 2303476-03 | | 1 | 1 | 100.0% | |
| Phosphorus, Total-mg/L | 2303471-03 | | 2 | 1.96 | 98.0% | |
| Phosphorus, Total-mg/L | 2303471-03 | | 2 | 1.96 | 98.0% | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-03 | | 4 | 3.86 | 96.5% | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-03 | | 4 | 3.86 | 96.5% | |
| CONTROL DUP DRINKING WATER | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
| Nitrate + Nitrite, Total-mg/L | 2303476-04 | | 1 | 0.96 | 96.0% | 4.1% |
| Nitrate + Nitrite, Total-mg/L | 2303476-04 | | 1 | 0.96 | 96.0% | 4.1% |
| Nitrate + Nitrite, Total-mg/L | 2303476-04 | | 1 | 0.96 | 96.0% | 4.1% |
| Phosphorus, Total-mg/L | 2303471-04 | | 2 | 1.99 | 99.5% | 1.5% |
| Phosphorus, Total-mg/L | 2303471-04 | | 2 | 1.99 | 99.5% | 1.5% |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-04 | | 4 | 3.89 | 97.3% | 0.8% |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-04 | | 4 | 3.89 | 97.3% | 0.8% |
| DUPLICATE WASTE WATER | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | | 0.36 | | 2.7% |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | | 0.36 | | 2.7% |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | | 0.36 | | 2.7% |
| Phosphorus, Total-mg/L | 2403656-01 | 0.22 | | 0.22 | | 0.0% |
| Phosphorus, Total-mg/L | 2403656-01 | 0.22 | | 0.22 | | 0.0% |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2403704-02 | 1.93 | | 1.92 | | 0.5% |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2403704-02 | 1.93 | | 1.92 | | 0.5% |
| MS DRINKING WATER | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | 2 | 2.21 | 92.0% | |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | 2 | 2.21 | 92.0% | |

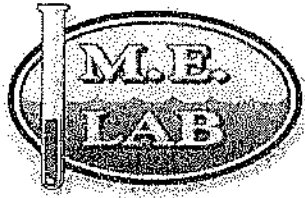
QUALITY CONTROL REPORT

Montana Environmental Laboratory LLC

Test Parameters

Order#: M2403652

| MS | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
|------------------------------------|------------|------------------|-----------------|----------------|------------------|------|
| DRINKING WATER | | | | | | |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | 2 | 2.21 | 92.0% | |
| Phosphorus, Total-mg/L | 2403656-01 | 0.22 | 1 | 1.18 | 96.0% | |
| Phosphorus, Total-mg/L | 2403656-01 | 0.22 | 1 | 1.18 | 96.0% | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2403704-02 | 1.93 | 2 | 3.75 | 91.0% | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2403704-02 | 1.93 | 2 | 3.75 | 91.0% | |
| MSD | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
| DRINKING WATER | | | | | | |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | 2 | 2.21 | 92.0% | 0.0% |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | 2 | 2.21 | 92.0% | 0.0% |
| Nitrate + Nitrite, Total-mg/L | 2403656-01 | 0.37 | 2 | 2.21 | 92.0% | 0.0% |
| Phosphorus, Total-mg/L | 2403656-01 | 0.22 | 1 | 1.17 | 95.0% | 0.9% |
| Phosphorus, Total-mg/L | 2403656-01 | 0.22 | 1 | 1.17 | 95.0% | 0.9% |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2403704-02 | 1.93 | 2 | 3.88 | 97.5% | 3.4% |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2403704-02 | 1.93 | 2 | 3.88 | 97.5% | 3.4% |
| SRM | LAB-ID # | Sample Concentr. | Spike Concentr. | QC Test Result | Pct (%) Recovery | RPD |
| WASTE WATER | | | | | | |
| Nitrate + Nitrite, Total-mg/L | 2303476-05 | | 4.1 | 4.35 | 106.1% | |
| Nitrate + Nitrite, Total-mg/L | 2303476-05 | | 4.1 | 4.35 | 106.1% | |
| Nitrate + Nitrite, Total-mg/L | 2303476-05 | | 4.1 | 4.35 | 106.1% | |
| Phosphorus, Total-mg/L | 2303471-05 | | 6.27 | 6.29 | 100.3% | |
| Phosphorus, Total-mg/L | 2303471-05 | | 6.27 | 6.29 | 100.3% | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-05 | | 9.9 | 10.6 | 107.1% | |
| Total Kjeldahl Nitrogen (TKN)-mg/L | 2303483-05 | | 9.9 | 10.6 | 107.1% | |



Montana Environmental Laboratory LLC

INVOICE

P.O. Box 8900
 Kalispell, MT 59904
 www.melab.us

Invoice Date: 04/30/2024
 Invoice #: 2403652

Patrick Siers
 USFS Holland Lake WW
 650 Wolfpack Way
 Kalispell, MT 59901

| |
|--------------------------|
| Order#: M2403652 |
| PO #: |
| Project: Monitoring Well |

| Service | Procedure Description | QTY | Price | Invoice Amount |
|------------|-------------------------------|-----|---------|----------------|
| Laboratory | BOD | 3 | \$55.00 | \$165.00 |
| | Dissolved Oxygen | 3 | \$20.00 | \$60.00 |
| | Nitrate + Nitrite, Total | 3 | \$27.00 | \$81.00 |
| | Nitrogen, Total | 3 | \$0.00 | \$0.00 |
| | Phosphorus, Total | 3 | \$30.00 | \$90.00 |
| | Total Kjeldahl Nitrogen (TKN) | 3 | \$40.00 | \$120.00 |

Balance Due: \$516.00