



B25061579_Schwartzwalder Mine

1 message

Stacie M. Helms <SHelms@energylab.com>

Tue, Jul 1, 2025 at 2:49 PM

To: "Adam.billin@linkan.com" <Adam.billin@linkan.com>, "Alex.schwiebert@linkan.com" <Alex.schwiebert@linkan.com>, "ap@linkan.com" <ap@linkan.com>, "chris.prosper@linkan.com" <chris.prosper@linkan.com>, "Peter.hays@state.co.us" <Peter.hays@state.co.us>

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Sincerely,

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Stacie Helms | Administrative Assistant | Billings, MT

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B25061579-PRELIMINARY REPORT-B25061579-1.PDF

40K



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25061579-001
Client Sample ID: SW-AWD

Report Date: 07/01/25
Collection Date: 06/17/25 09:24
Date Received: 06/18/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	2	mg/L	J	2		A2540 D	06/18/25 14:03 / pjw
Solids, Total Dissolved TDS @ 180 C	195	mg/L		20		A2540 C	06/18/25 13:33 / etv
INORGANICS							
Sulfate	10	mg/L		1		E300.0	06/18/25 19:16 / caa
Fluoride	0.31	mg/L		0.01		E300.0	06/18/25 19:16 / caa
Cyanide, Weak Acid Dissociable	ND	mg/L		0.001		Kelada-01	06/20/25 12:14 / fap
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.01		E353.2	06/27/25 10:55 / rs4
Phosphorus, Orthophosphate as P	0.009	mg/L		0.002		E365.1	06/18/25 17:34 / taz
Phosphorus, Total as P	0.008	mg/L		0.002		E365.1	06/30/25 12:27 / taz
METALS, DISSOLVED							
Copper	0.0007	mg/L		0.0005		E200.8	06/21/25 06:03 / aem
Molybdenum	0.0005	mg/L		0.0001		E200.8	06/21/25 06:03 / aem
Silver	ND	mg/L	L	0.00004		E200.8	06/21/25 06:03 / aem
Uranium	0.00110	mg/L		0.00002		E200.8	06/27/25 13:27 / jks
Zinc	0.003	mg/L		0.002		E200.8	06/21/25 06:03 / aem
METALS, TOTAL RECOVERABLE							
Antimony	ND	mg/L	L	0.0001		E200.8	06/26/25 08:28 / aem
Chromium	ND	mg/L		0.0005		E200.8	06/24/25 20:56 / aem
Thallium	ND	mg/L	L	0.0002		E200.8	06/26/25 08:28 / aem
METALS, TOTAL							
Arsenic	0.0001	mg/L		0.0001		E200.8	06/26/25 08:28 / aem
Boron	0.02	mg/L		0.01		E200.7	06/24/25 14:55 / enb
Molybdenum	0.0006	mg/L		0.0001		E200.8	06/24/25 20:56 / aem
Uranium	0.00095	mg/L		0.00002		E200.8	06/27/25 13:33 / jks

**Report
Definitions:**

RL - Analyte Reporting Limit
QCL - Quality Control Limit
J - Estimated value - analyte was present but less than the Reporting Limit (RL)

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)
L - Lowest available reporting limit for the analytical method used and/or volume submitted



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25061579-002
Client Sample ID: SW-BPL

Report Date: 07/01/25
Collection Date: 06/17/25 09:40
Date Received: 06/18/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	2	mg/L	J	2		A2540 D	06/18/25 14:03 / pjw
Solids, Total Dissolved TDS @ 180 C	205	mg/L		20		A2540 C	06/18/25 13:33 / etv
INORGANICS							
Sulfate	20	mg/L		1		E300.0	06/18/25 19:33 / caa
Fluoride	0.29	mg/L		0.01		E300.0	06/18/25 19:33 / caa
Cyanide, Weak Acid Dissociable	ND	mg/L		0.001		Kelada-01	06/20/25 12:26 / fap
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	0.02	mg/L		0.01		E353.2	06/27/25 10:59 / rs4
Phosphorus, Orthophosphate as P	0.006	mg/L		0.002		E365.1	06/18/25 17:40 / taz
Phosphorus, Total as P	0.005	mg/L		0.002		E365.1	06/25/25 12:13 / taz
METALS, DISSOLVED							
Copper	0.0008	mg/L		0.0005		E200.8	06/21/25 06:08 / aem
Molybdenum	0.0040	mg/L		0.0001		E200.8	06/21/25 06:08 / aem
Silver	5E-6	mg/L	JL	0.00004		E200.8	06/21/25 06:08 / aem
Uranium	0.0527	mg/L		0.00002		E200.8	06/21/25 06:08 / aem
Zinc	0.002	mg/L	JL	0.002		E200.8	06/21/25 06:08 / aem
METALS, TOTAL RECOVERABLE							
Antimony	0.00002	mg/L	JL	0.0001		E200.8	06/26/25 08:34 / aem
Chromium	ND	mg/L		0.0005		E200.8	06/24/25 21:02 / aem
Thallium	ND	mg/L	L	0.0002		E200.8	06/26/25 08:34 / aem
METALS, TOTAL							
Arsenic	0.0009	mg/L		0.0001		E200.8	06/26/25 08:34 / aem
Boron	0.03	mg/L		0.01		E200.7	06/24/25 14:56 / enb
Molybdenum	0.0042	mg/L		0.0001		E200.8	06/24/25 21:02 / aem
Uranium	0.0509	mg/L		0.00002		E200.8	06/24/25 21:02 / aem

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