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Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Bioactive Services USA
Project: Not Indicated
Lab ID: G25020215-001
Client Sample ID: Kilroy 1-30

Report Date: 03/13/25
Collection Date: 02/24/25 13:00
DateReceived: 02/24/25
Matrix: Oil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
OIL CHARACTERISTICS							
Pour Point	-25	°F				D97	03/05/25 16:00 / blb

Report
Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

PRELIMINARY



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LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Bioactive Services USA
Project: Not Indicated
Lab ID: G25020215-002
Client Sample ID: Keihl - Off Heater

Report Date: 03/13/25
Collection Date: 02/24/25 13:10
DateReceived: 02/24/25
Matrix: Oil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
OIL CHARACTERISTICS							
Pour Point	-25	°F				D97	03/05/25 16:00 / blb

Report
Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

PRELIMINARY



LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Bioactive Services USA
Project: Not Indicated
Lab ID: G25020215-003
Client Sample ID: Water Off FWKO

Report Date: 03/13/25
Collection Date: 02/24/25 13:15
Date Received: 02/24/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS, DISSOLVED							
Alkalinity, Total as CaCO ₃	1350	mg/L		5		A2320 B	02/26/25 10:05 / rvf
Bicarbonate as HCO ₃	1650	mg/L		6		A2320 B	02/26/25 10:05 / rvf
Carbonate as CO ₃	ND	mg/L		3		A2320 B	02/26/25 10:05 / rvf
Hydroxide as OH	ND	mg/L		5		A2320 B	02/26/25 10:05 / rvf
Chloride	729	mg/L		10		E300.0	02/25/25 14:50 / rvf
Sulfate	2970	mg/L		10		E300.0	02/25/25 14:50 / rvf
METALS, DISSOLVED							
Barium	ND	mg/L		0.05		E200.7	02/28/25 15:05 / eli-b
Calcium	574	mg/L		1		E200.7	02/28/25 15:05 / eli-b
Iron	ND	mg/L		0.02		E200.8	03/03/25 18:41 / eli-b
Magnesium	58	mg/L		1		E200.7	02/28/25 15:05 / eli-b
Potassium	69	mg/L		3		E200.7	02/28/25 15:05 / eli-b
Sodium	1650	mg/L		1		E200.7	02/28/25 15:05 / eli-b
Strontium	13.8	mg/L		0.01		E200.7	02/28/25 15:05 / eli-b
NON-METALS							
Conductivity @ 25 C	8880	umhos/cm		10		A2510 B	02/25/25 10:03 / rvf
pH	6.7	s.u.	H	0.1		A4500-H B	02/25/25 10:03 / rvf
pH Measurement Temp	15.9	°C				A4500-H B	02/25/25 10:03 / rvf
Resistivity @ 68 F	1.24	ohm-m				A2510 B	02/25/25 10:03 / blb
Solids, Total Dissolved - Calculated	6860	mg/L		1		A1030 E	03/04/25 14:57 / blb
DATA QUALITY							
A/C Balance	-1.17	%				A1030 E	03/04/25 14:57 / blb
Anions	109	meq/L				A1030 E	03/04/25 14:57 / blb
Cations	107	meq/L				A1030 E	03/04/25 14:57 / blb

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit
H - Analysis performed past the method holding time
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

PRELIMINARY