

Joe Fletcher
Bridge Source LLC
1993 Dewar Drive #1
Rock Springs, WY 82901

Date: March 29, 2021
Request Number: 40546
Date Received: 03/16/21
Matrix: Fly Ash

1 Sample was received on 3/16/21 and assigned to Laboratory Request #40546 and Lab ID S3128.

Sample upon receipt:

All acceptance criteria were met.

Analytical nonconformities noted:

None



Monte L. Ellis
Laboratory Manager

Wyoming Analytical Laboratories, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. Results of the analysis are for as received sample(s) only, which may not be characteristic of the whole. This warranty is in lieu of all other warranties either expressed or implied.



WYOMING ANALYTICAL LABORATORIES, INC

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REPORT OF ANALYSIS

Lab Number: S3128
Sample ID: Bridger Source - Jim Bridger Power Plant

TCLP Metals	Result, mg/L	Reporting limit, mg/L	Regulatory Limit 40 CFR 261.24	Method	Date Analyzed	Analyst
Chromium	< 1.0	1.0	5.0 mg/L	1311/6020	3/26/2021	RRJ
Arsenic	< 1.0	1.0	5.0 mg/L	1311/6020	3/26/2021	RRJ
Selenium	< 0.2	0.2	1.0 mg/L	1311/6020	3/26/2021	RRJ
Silver	< 1.0	1.0	5.0 mg/L	1311/6020	3/26/2021	RRJ
Cadmium	< 0.2	0.2	1.0 mg/L	1311/6020	3/26/2021	RRJ
Barium	< 20	20	100 mg/L	1311/6020	3/26/2021	RRJ
Mercury	< 0.04	0.04	0.2 mg/L	1311/6020	3/26/2021	RRJ
Lead	< 1.0	1.0	5.0 mg/L	1311/6020	3/26/2021	RRJ

TCLP Reporting Limit is 1/5 of regulatory limit.

End of Report
MLE/tab



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Sample ID: Bridger Source - Jim Bridger Power Plant

	Wt. % Ignited Basis	Method	Date Analyzed	Analyst
Silicon Dioxide, % as SiO ₂	66.00	XRF	3/25/2021	CW
Aluminum Oxide, % as Al ₂ O ₃	15.48	XRF	3/25/2021	CW
Iron Oxide, % as Fe ₂ O ₃	5.03	XRF	3/25/2021	CW
Calcium Oxide, % as CaO	5.20	XRF	3/25/2021	CW
Magnesium Oxide, % as MgO	1.54	XRF	3/25/2021	CW
Sodium Oxide, % as Na ₂ O	3.19	XRF	3/25/2021	CW
Potassium Oxide, % as K ₂ O	0.67	XRF	3/25/2021	CW
Titanium Dioxide, % as TiO ₂	1.18	XRF	3/25/2021	CW
Manganese Dioxide, % as MnO ₂	0.04	XRF	3/25/2021	CW
Phosphorus Pentoxide, % as P ₂ O ₅	0.32	XRF	3/25/2021	CW
Strontium Oxide, % as SrO	0.15	XRF	3/25/2021	CW
Barium Oxide, % as BaO	0.46	XRF	3/25/2021	CW
Sulfur Trioxide, % as SO ₃	0.51	XRF	3/25/2021	CW
Loss on Ignition @ 750°C	0.23	XRF	3/25/2021	CW



End of Report
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QUALITY CONTROL

Parameter	Reference Material	Expected	Result	% Recovery
Chromium	QCS-27	1.0	1.06	106
Arsenic	QCS-27	1.0	1.02	102
Selenium	QCS-27	1.0	0.90	90
Silver	QCS-27	1.0	0.97	97
Cadmium	QCS-27	1.0	0.90	90
Barium	QCS-27	1.0	0.89	89
Mercury	Hg QC	0.10	0.099	99
Lead	QCS-27	1.0	0.95	95

End of QC Report
MLE/tab



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