



Energy Fuels Resources (USA) Inc.
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November 2, 2022

Tom Brigham
Colorado Department of Water Resources
Water Commissioner, District 63
115 Victoria Drive
Palisade, CO 81526

Re: 2022 Annual Report for the Whirlwind Mine Well Case Nos. 07CW69 and 2013CW61,
Well Permit 66419-F

Mr. Brigham,

In accordance with Water Rights Case Nos. 07CW69 and 2013CW61 Findings of Fact, Conclusions of Law, Ruling of Referee and Decree, signed December 28, 2007, Energy Fuels Resources (USA) Inc. ("Energy Fuels") is submitting the 2022 Annual Report summarizing diversions and depletions from the Whirlwind Mine Well. It is important to note that on September 26, 2014, Energy Fuels Resources Corporation transferred the well permits associated with the Whirlwind Mine to EFR Colorado Plateau, LLC, an affiliate of Energy Fuels. On October 2, 2014, the Referee entered an order granting the substitution of EFR Colorado Plateau LLC as the Applicant. The address and contact information remain unchanged.

There was rehabilitation activity at the Whirlwind Mine in 2022, despite this, Energy Fuels estimates that 0.0 acre-feet of water was consumed and diverted from the Whirlwind Mine from November 2021 through October 2022. The Whirlwind Mine conditional water right allows for consumption and diversion of 24.4 acre-feet per year. The attached tables, which summarize the water diversions from each primary source, have been provided for informational purposes only as the water use for 2022 was zero.

Please feel free to contact me at (303) 389-4131 if you need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jordan C. App', is written over a light blue horizontal line.

ENERGY FUELS RESOURCES (USA) INC.

Jordan App

Environmental Scientist

cc: Amy Yeldell (DRMS)
Scott Bakken
Race Fisher
John Uhrie
Kathy Weinel

WHIRLWIND MINE
Total Water Consumption

Month/Year	Dewatering (gal)	Waste Rock and Ore (gal)	Atmospheric (gal)	Total (gal)
Year 1 Total (ac-ft)	5.351	0.265	0.289	5.904
Year 2 Total (ac-ft)	3.148	0.032	0.045	3.225
Year 3 Total (ac-ft)	0.323	0.000	0.002	0.325
Year 4 Total (ac-ft)	0.000	0.000	0.002	0.002
Year 5 Total (ac-ft)	0.000	0.000	0.001	0.001
Year 6 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 7 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 8 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 9 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 10 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 11 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 12 Total (ac-ft)	0.000	0.000	0.000	0.000
Year 14 Total (ac-ft)	0.000	0.000	0.000	0.000
November 2021	0.000	0.000	0.000	0.000
December 2021	0.000	0.000	0.000	0.000
January 2022	0.000	0.000	0.000	0.000
February 2022	0.000	0.000	0.000	0.000
March 2022	0.000	0.000	0.000	0.000
April 2022	0.000	0.000	0.000	0.000
May 2022	0.000	0.000	0.000	0.000
June 2022	0.000	0.000	0.000	0.000
July 2022	0.000	0.000	0.000	0.000
August 2022	0.000	0.000	0.000	0.000
September 2022	0.000	0.000	0.000	0.000
October 2022	0.000	0.000	0.000	0.000
Year 15 total (ac-ft)	0.000	0.000	0.000	0.000
Total (ac-ft)	8.821	0.297	0.338	9.456
Annual Average (ac-ft)	0.882	0.030	0.034	0.946

WHIRLWIND MINE
Dewatering Use

Month/Year	Volume Dewatered and Treated (gal)	Evaporation rate (in)	Estimated Evaporation from Untreated Water Tank ⁽¹⁾ (gal)	Total (gal)
Year 1 Total	1,621,326	57.45	160,947	1,782,273
Year 2 Total	1,025,699	57.45	165,588	1,191,287
Year 3 Total	105,138	2.87	8,272	113,410
Year 4 Total	0.00	0.00	0.00	0.00
Year 5 Total	0.00	54.58	0.00	0.00
Year 6 Total	0.00	0.00	0.00	0.00
Year 7 Total	0.00	0.00	0.00	0.00
Year 8 Total	0.00	0.00	0.00	0.00
Year 9 Total	0.00	0.00	0.00	0.00
Year 10 Total	0.00	0.00	0.00	0.00
Year 11 Total	0.00	0.00	0.00	0.00
Year 12 Total	0.00	0.00	0.00	0.00
Year 13 Total	0.00	0.00	0.00	0.00
Year 14 Total	0.00	0.00	0.00	0.00
November 2021	0.00	0.00	0.00	0.00
December 2021	0.00	0.00	0.00	0.00
January 2022	0.00	0.00	0.00	0.00
February 2022	0.00	0.00	0.00	0.00
March 2022	0.00	0.00	0.00	0.00
April 2022	0.00	0.00	0.00	0.00
May 2022	0.00	0.00	0.00	0.00
June 2022	0.00	0.00	0.00	0.00
July 2022	0.00	0.00	0.00	0.00
August 2022	0.00	0.00	0.00	0.00
September 2022	0.00	0.00	0.00	0.00
October 2022	0.00	0.00	0.00	0.00
Year 15 Total	0.00	0.00	0.00	0.00
Total	2,752,163	172	334,807	3,086,970
Annual Average	250,197	16	30,437	280,634

1 - Estimated evaporation rates based on average monthly pan evaporation data reported for Montrose, Colorado by Western Regional Climate Center (wrcc.dri.edu)

2 - Error in treatment plant flow gauge. Actually 88,000 gallons treated.

WHIRLWIND MINE
Waste and Ore Pile Consumption

Month/Year	Production Rate		Moisture Content ⁽¹⁾ (percent)	Monthly Water Usage (gal)
	Ore (ton)	Waste Rock (ton)		
Year 1 Total	0	4,209	N/A	86,208
Year 2 Total	0	512	N/A	10,487
Year 3 Total	0	0	8.5	0
Year 4 Total	0	0	8.5	0
Year 5 Total	0	0	8.5	0
Year 6 Total	0	0	8.5	0
Year 7 Total	0	0	8.5	0
Year 8 Total	0	0	8.5	0
Year 9 Total	0	0	8.5	0
Year 10 Total	0	0	8.5	0
Year 11 Total	0	0	8.5	0
Year 12 Total	0	0	8.5	0
Year 13 Total	0	0	8.5	0
Year 14 Total	0	0	8.5	0
November 2021	0	0	8.5	0
December 2021	0	0	8.5	0
January 2022	0	0	8.5	0
February 2022	0	0	8.5	0
March 2022	0	0	8.5	0
April 2022	0	0	8.5	0
May 2022	0	0	8.5	0
June 2022	0	0	8.5	0
July 2022	0	30	8.5	0
August 2022	0	30	8.5	0
September 2022	0	30	8.5	0
October 2022	0	98	8.5	0
Year 15 Total	0	188	8.5	0
Total	0	4,909	N/A	0
Annual Average	0	472	N/A	9,670

1 - Based on estimated moisture content of 8.5 percent (8 to 9 percent)
in ore and waste rock

N/A - Not Applicable

WHIRLWIND MINE
Atmospheric Consumption

Month/Year	Air Circulation Rate (cfm)	Hours of Operation (hours)	Increased Water Content¹ (lb/ft³)	Monthly Water Usage (gal)
Year 1 Total	N/A	N/A	N/A	99,389
Year 2 Total	N/A	N/A	N/A	14,540
Year 3 Total	N/A	N/A	N/A	648
Year 4 Total	N/A	N/A	N/A	608
Year 5 Total	N/A	N/A	N/A	226
Year 6 Total	N/A	N/A	0.0002	0
Year 7 Total	N/A	N/A	0.0002	0
Year 8 Total	N/A	N/A	0.0002	0
Year 9 Total	N/A	N/A	0.0002	0
Year 10 Total	N/A	N/A	0.0002	0
Year 11 Total	N/A	N/A	0.0002	0.0000
Year 12 Total	N/A	N/A	0.0002	0.0000
Year 13 Total	N/A	N/A	0.0002	0.0000
Year 14 Total	N/A	N/A	0.0002	0.0000
November 2021	N/A	N/A	0.0002	0.0000
December 2021	N/A	N/A	0.0002	0.0000
January 2022	N/A	N/A	0.0002	0.0000
February 2022	N/A	N/A	0.0002	0.0000
March 2022	N/A	N/A	0.0002	0.0000
April 2022	N/A	N/A	0.0002	0.0000
May 2022	N/A	N/A	0.0002	0.0000
June 2022	N/A	N/A	0.0002	0.0000
July 2022	N/A	N/A	0.0002	0.0000
August 2022	N/A	N/A	0.0002	0.0000
September 2022	N/A	N/A	0.0002	0.0000
October 2022	N/A	N/A	0.0002	0.0000
Year 15 Total	N/A	N/A	0.0002	0.0000
Total	N/A	N/A	N/A	115,411
Annual Average	N/A	N/A	N/A	7,694

1 - Based on an estimated
average increase of 30%
water saturation level at 7,000-
foot elevation.

N/A - Not Applicable