



Energy Fuels Resources Corp.
225 Union Blvd. Suite 600
Lakewood, CO, US, 80228
303 974 2140
www.energyfuels.com

RECEIVED

November 13, 2012

NOV 13 2012

Colorado Department of Water Resources
Water Division 4, Division Engineer
PO Box 456
Montrose, CO 81402

GRAND JUNCTION FIELD OFFICE
DIVISION OF
RECLAMATION MINING & SAFETY

Re: Whirlwind Mine Water Rights Case No. 07CW69, 2012 Annual Report

Dear Division Engineer,
In accordance with Water Rights Case No. 07CW69 Ruling of Referee and Decree, signed December 28, 2007, Energy Fuels Resources Corporation (Energy Fuels) is submitting this 2012 Annual Report summarizing diversions and depletions from or at the Whirlwind Mine well.

The Whirlwind Mine has been operating in intermittent status as of June 2009. During this period only maintenance activities have been performed at the mine. Through December 2009, mine water seepage into the mine was collected in the Whirlwind Mine sump (well) and periodically pumped into the untreated water tank located on the surface where it was treated and discharged to the surface in accordance with Water Discharge Permit No. CO-0047562. Following the December 2009 treatment and discharge, mine water collection and treatment was temporarily suspended and remains suspended at this time. Currently, mine water is only being consumed as moisture in ventilated air when the mine fans are operated during mine inspections and maintenance.

Energy Fuels estimates that 0.001 acre-feet of water was consumed and diverted from the Whirlwind Mine from November 2011 through October 2012, entirely as moisture in ventilation air. The Whirlwind Mine conditional water rights permit allows for consumption and diversion of 24.4 acre-feet per year. The attached tables summarize the water diversions from each primary source.
Please feel free to contact me at (303) 974-2151 if you need any additional information.

Sincerely,

A handwritten signature in blue ink that reads 'Ryan Ellis'.

Ryan Ellis
Environmental Engineer

Attachment

Cc: Scott Gerwe (BLM, Grand Junction Field Office)
Travis Marshal (DRMS) Dick White, Frank Filas (Energy Fuels)

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	0.00	0	0
November 2011	0	0	-	-
December 2011	0	0	-	-
January 2012	0	1.68	-	-
February 2012	0	1.49	-	-
March 2012	0	3.34	-	-
April 2012	0	5.69	-	-
May 2012	0	7.49	-	-
June 2012	0	9.47	-	-
July 2012	0	9.04	-	-
August 2012	0	7.39	-	-
September 2012	0	5.54	-	-
October 2012	0	3.45	-	-
Year 5 Total	0	54.58	0	0
Total	2,752,163	172	334,807	3,086,970
Annual Average	550,433	34	66,961	617,394

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

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
November 2011	2,450	40	0.0002	140
December 2011	0	0	0.0002	0
January 2012	2,450	1	0.0002	4
February 2012	0	0	0.0002	0
March 2012	2,450	2	0.0002	6
April 2012	2,450	1	0.0002	5
May 2012	2,450	6	0.0002	22
June 2012	2,450	10	0.0002	36
July 2012	2,450	2	0.0002	6
August 2012	2,450	1	0.0002	4
September 2012	2,450	1	0.0002	4
October 2012	0	0	0.0002	0
Year 5 Total	N/A	N/A	N/A	226
Total	N/A	N/A	N/A	115,411
Annual Average	N/A	N/A	N/A	23,082

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

N/A - Not Applicable