



Permits and Enforcement Section
Water Quality Control Division
CPDHE
4300 Cherry Creek Dr. South
Denver, CO 80246-1530

5/21/2025
25US0221

**Re: Discharge Monitoring Report for April 2025
Schwartzwalder Mine CO0001244**

TO WHOM IT MAY CONCERN:

On February 10th, 2025 the operations contract for the Schwartzwalder Mine was awarded and the contract started on April 1st, 2025.

During the month of April 2025, there was no discharge as the system was shutdown for the winter season in late October 2024. Operations and discharge from the treatment plant are planned to begin in June 2025.

Best regards,
Linkan

Patrick M. Delaney
Operator Responsible in Charge (ORC)
Black Fox Mining, LLC

A handwritten signature in black ink, appearing to read "Patrick Delaney", is written over a light blue horizontal line.

Enclosures:

None

CC List:

Electronic Copy sent to the following:

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Permit

Permit #:

CO0001244

Major:

No

Permittee:

Colo Div of Reclamation, Mining and Safety

Permittee Address:

1001 E 62 Ave Room 215
Denver, CO 80216

Facility:

SCHWARTZWALDER MINE

Facility Location:

8300 GLENCOE VALLEY RD
GOLDEN, CO 80402

Permitted Feature:

001
External Outfall

Discharge:

001-A
WWTF Discharge to Ralston Creek

Report Dates & Status

Monitoring Period:

From 04/01/25 to 04/30/25

DMR Due Date:

05/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Oil and grease - see I.A.2, page 3. Antidegradation limits - see C.2, page 7.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	CP - Composite
					Permit Req.								<=	100.0 30DA AVG	<=	200.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample														05/WK - Five Per Week	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														03/07 - Three Per Week	CP - Composite
					Permit Req.								<=	20.0 30DA AVG	<=	30.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00718	Cyanide, weak acid, dissociable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.										<=	5.0 DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
00718	Cyanide, weak acid, dissociable	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	0.75 ROLL AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	250.0 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00940	Chloride [as Cl]	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	54.0 ROLL AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00945	Sulfate, total [as SO4]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	250.0 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00945	Sulfate, total [as SO4]	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	131.0 ROLL AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00949	Fluoride	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CP - Composite
					Permit Req.										<=	2.0 DAILY MX	19 - mg/L			

					Value NODI											C - No Discharge			
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								<=	0.02 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	CP - Composite
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	CP - Composite
00980	Iron, total recoverable	P - See Comments	0	--	Sample Permit Req. Value NODI									Req Mon ROLL AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	CP - Composite
01022	Boron, total [as B]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	0.46 30DA AVG C - No Discharge				19 - mg/L	02/30 - Twice Per Month	CP - Composite
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	300.0 30DA AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01046	Iron, dissolved [as Fe]	P - See Comments	0	--	Sample Permit Req. Value NODI							<=	45.0 ROLL AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	50.0 30DA AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01056	Manganese, dissolved [as Mn]	P - See Comments	0	--	Sample Permit Req. Value NODI							<=	7.5 ROLL AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01059	Thallium, total [as Tl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	0.24 30DA AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01097	Antimony, total [as Sb]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	5.6 30DA AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01220	Chromium, hexavalent dissolved [as Cr]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	CP - Composite
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	CP - Composite
01303	Zinc, potentially dissolved	P - See Comments	0	--	Sample Permit Req. Value NODI									Req Mon ROLL AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	CP - Composite
01304	Silver, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	0.13 30DA AVG C - No Discharge	<=	3.5 DAILY MX C - No Discharge		28 - ug/L	02/30 - Twice Per Month	CP - Composite
01304	Silver, potentially dissolved	P - See Comments	0	--	Sample Permit Req. Value NODI							<=	0.02 ROLL AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	12.0 30DA AVG C - No Discharge	<=	18.0 DAILY MX C - No Discharge		28 - ug/L	02/30 - Twice Per Month	CP - Composite
01306	Copper, potentially dissolved	P - See Comments	0	--	Sample Permit Req. Value NODI							<=	1.8 ROLL AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	CP - Composite
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	CP - Composite
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	CP - Composite
					Sample Permit Req.									Req Mon ROLL AVG			28 - ug/L	02/30 - Twice Per Month	CP - Composite

01322	Nickel, potentially dissolvd	P - See Comments	0	--	Value NODI									C - No Discharge								
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	CP - Composite	
					Value NODI										C - No Discharge		C - No Discharge					
01323	Selenium, potentially dissolvd	P - See Comments	0	--	Sample																	
					Permit Req.										Req Mon ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite	
					Value NODI										C - No Discharge							
03582	Oil and grease	1 - Effluent Gross	0	--	Sample																	
					Permit Req.											<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - Grab	
					Value NODI												C - No Discharge					
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.											<=	50.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	CP - Composite	
					Value NODI												C - No Discharge					
04262	Chromium, trivalent total recoverable	P - See Comments	0	--	Sample																	
					Permit Req.										<=	7.5 ROLL AVG		28 - ug/L		02/30 - Twice Per Month	CP - Composite	
					Value NODI											C - No Discharge						
09501	Radium 226, total	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										<=	10.0 30DA AVG	<=	30.0 DAILY MX	17 - pCi/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge		C - No Discharge				
09503	Radium 226, dissolved	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										<=	3.0 30DA AVG	<=	10.0 DAILY MX	17 - pCi/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge		C - No Discharge				
11503	Radium 226 + radium 228, total	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										<=	5.0 30DA AVG			17 - pCi/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge						
22708	Uranium, total	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										<=	30.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge						
22708	Uranium, total	P - See Comments	0	--	Sample																	
					Permit Req.										<=	22.0 ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge						
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																	
					Permit Req.	<=	0.288 30DA AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)	
					Value NODI		C - No Discharge		C - No Discharge													
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.											Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge						
51202	Sulfide-hydrogen sulfide [undissociated]	P - See Comments	0	--	Sample																	
					Permit Req.											Req Mon ROLL AVG			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge						
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.											Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI											C - No Discharge						
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.						Req Mon INST MAX	9P - N=0;Y=1									05/WK - Five Per Week	VI - Visual
					Value NODI						C - No Discharge											

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
2025_04_Schwartzwalder_Outfall_001A_Cover_Letter.pdf	pdf	126624.0

Report Last Saved By

Colo Div of Reclamation, Mining and Safety

User:

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