

0034



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

April 25, 1997

Ranvir Singh  
Senior Projects Manager  
Federal Lands Program  
Office of Surface Mining  
Reclamation and Enforcement  
1999 Broadway, Suite 3320  
Denver, Colorado 80202-5733

Re: Addition of Water Data Updates (First Quarter of 1997), Horizon Mine, Horizon Coal Corporation, ACT/007/020, Folder #2, Carbon County, Utah

Dear Mr. Singh:

I am enclosing the water data for the first quarter of 1997 for the Horizon Mine permit. Please insert the surface water data into Appendix 7-3. The groundwater data, including the monitoring wells water-level data, should be incorporated into Appendix 7-2.

If you have any questions, please call me.

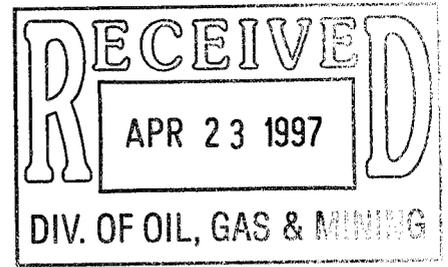
Sincerely,

A handwritten signature in cursive script, appearing to read 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig  
Permit Coordinator

Enclosure

cc: Richard Manus, BLM, Price  
Alan Rabinoff, BLM, State Office  
Price Field Office  
Horizon Coal Corporation  
O:\007020.HZN\FINAL\UPDATE.WPD



Add the attached data to the back of:

APPENDIX 7-3  
SURFACE WATER DATA  
HORIZON COAL CORPORATION  
FIRST QUARTER

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-3 (Previously Station #3)  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
Dissolved Oxygen PPM (mg/l)						
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-5 (Previously Station #5)  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
Dissolved Oxygen PPM (mg/l)						
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-7 (Previously Station #7)  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
Dissolved Oxygen PPM (mg/l)						
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-8 (Previously Station #8)  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
Dissolved Oxygen PPM (mg/l)						
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-10 Unnamed Canyon Tributary  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
Dissolved Oxygen PPM (mg/l)						
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-11 Sand Gulch  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
Dissolved Oxygen PPM (mg/l)						
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SS-12 Beaver Creek Above Bridge (25 feet)  
Type: Stream  
Year Sampled: 1997

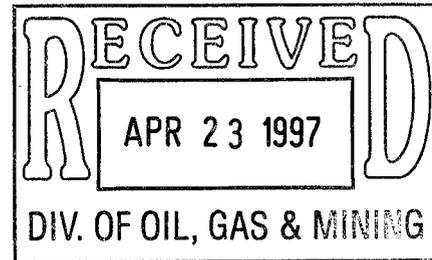
**FIELD MEASUREMENTS**

Date Sampled	1st Qtr.			
Flow (gpm)	+			

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

Meeting 8/27/96 with UDOGM determined only flow would be measured at this site. Flow to be measured quarterly.

**Horizon Coal Corporation  
15215 Fox Chase Lane  
Abingdon, VA 24210**



April 22, 1997

Mr. Daron Haddock  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

Subject: Submittal of 1st Quarter Water Data for 1997 #2  
Permit No. ACT/007/020  
Horizon Coal Corporation, Carbon County, Utah

Dear Daron,

Enclosed please find 6 copies of the water data for the 1st Quarter of 1997. The data should be incorporated into the current permit, with the surface water data incorporated into Appendix 7-3. The groundwater data including the monitoring wells water-level data should be incorporated into Appendix 7-2.

If you have any questions please call Bradley J. Bourquin at (303) 989-4242 or Vicky Bailey at (801) 561-1555. Thank you for your assistance.

Sincerely yours,

A handwritten signature in cursive script that reads "Vicky S. Bailey".

Vicky S. Bailey

cc: Bradley J. Bourquin

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: North Fork of Gordon Creek - Below Jewkes Creek Tributary/Above Coal Canyon  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st				
Flow (gpm)	+				
Dissolved Oxygen PPM (mg/l)					
pH					
Sp. Cond. (ohms)					
Temp. (C)					

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

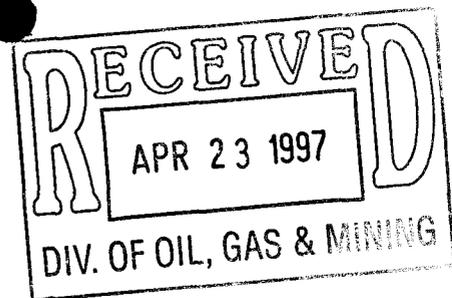
**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: North Fork of Gordon Creek - Below Coal Canyon Tributary  
Type: Stream  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st				
Flow (gpm)	+				
Dissolved Oxygen PPM (mg/l)					
pH					
Sp. Cond. (ohms)					
Temp. (C)					

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.



Add the attached data to the back of:

APPENDIX 7-2  
GROUNDWATER DATA  
HORIZON COAL CORPORATION  
FIRST QUARTER

MONITORING WELLS WATER-LEVEL DATA

Date	HZ-95-1		HZ-95-1S		HZ-95-2		HZ-95-3	
	Depth (ft)*	Elev. (ft)						
12/5/95	--	--	135.0	8221.5	828.0	7519.6	--	--
12/13/95	786.0	7570.7	--	--	--	--	--	--
12/21/95	--	--	--	--	--	--	378.8	7522.7
7/9-10/96	771.3	7585.4	133.8	8222.7	830.0	7517.6	380.8	7520.7
8/5/96	770.8	7585.9	133.5	8223.0	829.4	7518.2	387.8	7513.7
9/11/96	769.4	7587.3	132.5	8224.0	829.4	7518.2	387.7	7513.8
10/23/96	776.4	7580.3	132.5	8224.0	829.2	7518.4	380.7	7520.8
11/1/96	776.4	7580.3	132.5	8224.0	829.2	7518.4	380.8	7520.7
12/13/96	#		#		829.5	7518.1	379.5	7522.0
1/6/97	771.05	7584.75	133.0	8223.5	+		+	
2/10/97	+		+		+		+	
3/25/97	+		+		+		+	

\* Depth measured from top of 2" tubing

# Well site inaccessible 12/16/96, access attempted with Bill Malencik, UDOGM

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SP-1 (Previously Station #1)  
Type: Spring  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SP-2 (Previously Station #2)  
Type: Spring  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: SP-4 (Previously Station #4)  
Type: Spring  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st					
Flow (gpm)	+					
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

HORIZON COAL CORPORATION  
Water Monitoring Report

Property: No. 1 Mine  
Location: SP-9  
Type: Spring  
Year Sampled: 1997

FIELD MEASUREMENTS

Date Sampled	1st					
Flow (gpm)	+					
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: Homestead Spring (2-6-W)  
Type: Spring  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st			
Flow (gpm)	+			
pH				
Sp. Cond. (ohms)				
Temp. (C)				

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

HORIZON COAL CORPORATION  
Water Monitoring Report

Property: No. 1 Mine  
Location: GV-70 Marakis Spring  
Type: Spring  
Year Sampled: 1997

FIELD MEASUREMENTS

Date Sampled	1st					
Flow (gpm)	+					
pH						
Sp. Cond. (ohms)						
Temp. (C)						

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: Blue Blaze No. 1, In-mine  
Type: Groundwater  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st Qtr.	
Flow (gpm)	+	
pH		
Sp. Cond. (ohms)		
Temp. (C)		

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: CC-5 Coal Canyon along County Road 290  
Type: Spring  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st				
Flow (gpm)	+				
Dissolved Oxygen PPM (mg/l)					
pH					
Sp. Cond. (ohms)					
Temp. (C)					

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.

**HORIZON COAL CORPORATION**  
Water Monitoring Report

Property: No. 1 Mine  
Location: MC-4 Canyon along County Road 290  
Type: Spring  
Year Sampled: 1997

**FIELD MEASUREMENTS**

Date Sampled	1st				
Flow (gpm)	+				
Dissolved Oxygen PPM (mg/l)					
pH					
Sp. Cond. (ohms)					
Temp. (C)					

+ Mine site declared inaccessible by Bill Malencik, UDOGM Inspector.