



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

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March 21, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor *DH*

FROM: Jess Kelley, Reclamation Specialist *JK*

RE: Termination of Division Order DO-96A, Horizon Coal Company, Horizon Mine, ACT/007/020-97B, Folder 2, Carbon County, Utah

**SUMMARY:**

The Division issued Division Order DO-96A on November 27, 1996. The purpose of the division order, as stated in its accompanying cover letter, was to amend the approved plan to include a description of the water supply system and show it on the relevant maps.

On February 10, 1997, the permittee submitted revised text and maps to satisfy the requirements of the division order. This memorandum constitutes this writer's review of the February 10 submittal. It has been written in a form in which it can be incorporated directly into the the current technical analysis (TA) of the approved plan.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

**MINING OPERATIONS AND FACILITIES**

Regulatory Reference: 30 CFR Sec. 784.2, 784.11; R645-301-231, -301-526, -301-528.

**Analysis:**

**Facilities and Structures**

The water supply system is described on pages 3-4 and 3-29 of the plan and is shown

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on Plate 3-8--Sweets Canyon Pond Utilities.

The water supply system consists of 2 submersible pumps set in casings, a pumphouse housing controls, and a pipeline. The pumphouse is located at Sweet's Pond, which lies on the south side of County Road 290 approximately 1300 feet west of the entrance to the minesite. The pipeline parallels the south side of County Road 290, within the road right-of-way, from the pumphouse to the main entrance to the minesite, crosses under County Road 290, and then parallels the east side of the main haul road to the main facilities pad. The pipeline is 4-inch PVC and is completely buried. The location of the pipeline within the right-of-way of the county road is in accordance with an agreement between the permittee and Carbon County.

During final reclamation, the segment of the pipeline from the main entrance to the minesite to the main facilities pad will be removed along with the other surface facilities. In accordance with an agreement between the permittee and Carbon County, the segment from Sweet's Pond to the main entrance to the minesite, which lies within the right-of-way of County Road 290, will be left in place and the ends plugged. The pumphouse and the pumps are and will remain part of Sweet's Pond, which is not the property of the permittee and will thus not be reclaimed.

**Findings:**

The plan fulfills the requirements of this section.

**SUPPORT FACILITIES AND UTILITY INSTALLATIONS**

Regulatory Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

**Analysis:**

The water supply system is described on pages 3-4 and 3-29 of the plan and is shown on Plate 3-8--Sweets Canyon Pond Utilities. The water supply system is considered a support utility because it is not the property of the permittee and does not lie within the permit area.

The water supply system consists of 2 submersible pumps set in casings, a pumphouse housing controls, and a pipeline. The pumphouse is located at Sweet's Pond, which lies on the south side of County Road 290 approximately 1300 feet west of the entrance to the minesite. The pipeline parallels the south side of County Road 290, within the road right-of-way, from the pumphouse to the main entrance to the minesite, crosses under

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County Road 290, and then parallels the east side of the main haul road to the main facilities pad. The pipeline is 4-inch PVC and is completely buried. The location of the pipeline within the right-of-way of the county road is in accordance with an agreement between the permittee and Carbon County.

During final reclamation, the segment of the pipeline from the main entrance to the minesite to the main facilities pad will be removed along with the other surface facilities. In accordance with an agreement between the permittee and Carbon County, the segment from Sweet's Pond to the main entrance to the minesite, which lies within the right-of-way of County Road 290, will be left in place and the ends plugged. The pumphouse and the pumps are and will remain part of Sweet's Pond, which is not the property of the permittee and will thus not be reclaimed.

**Findings:**

The plan fulfills the requirements of this section.

**MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS**

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

**Analysis:**

**Mining facilities Maps**

The water supply system is described on pages 3-4 and 3-29 of the plan and is shown on Plate 3-8--Sweets Canyon Pond Utilities. The water supply system is considered a support utility because it is not the property of the permittee and does not lie within the permit area.

**Findings:**

The plan fulfills the requirements of this section.

**RECLAMATION PLAN**

**GENERAL REQUIREMENTS**

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Regulatory Reference: PL 95-87 Sec. 515 and 516; 30 CFR Sec. 784.13, 784.14, 784.15, 784.16, 784.17, 784.18, 784.19, 784.20, 784.21, 784.22, 784.23, 784.24, 784.25, 784.26; R645-301-231, -301-233, -301-322, -301-323, -301-331, -301-333, -301-341, -301-342, -301-411, -301-412, -301-422, -301-512, -301-513, -301-521, -301-522, -301-525, -301-526, -301-527, -301-528, -301-529, -301-531, -301-533, -301-534, -301-536, -301-537, -301-542, -301-623, -301-624, -301-625, -301-626, -301-631, -301-632, -301-731, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-732, -301-733, -301-746, -301-764, -301-830.

**Analysis:**

The water supply system is considered a support utility because it is not the property of the permittee and does not lie within the permit area. The pumphouse and the pumps are and will remain part of Sweet's Pond, which is not the property of the permittee and will thus not be reclaimed.

During final reclamation, the segment of the pipeline from the main entrance to the minesite to the main facilities pad will be removed along with the other surface facilities. In accordance with an agreement between the permittee and Carbon County, the segment from Sweet's Pond to the main entrance to the minesite, which lies within the right-of-way of County Road 290, will be left in place and the ends plugged.

**Findings:**

The plan fulfills the requirements of this section.

**RECOMMENDATION:**

It is recommended that the February 10, 1997 submittal be approved as fulfilling the requirements of Division Order DO-96A and incorporated into the approved plan.