



GARY R. HERBERT  
Governor  
GREG BELL  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil, Gas and Mining**  
JOHN R. BAZA  
Division Director

**Technical Analysis and Findings**  
**Utah Coal Regulatory Program**

**PID:** C0070005  
**TaskID:** 4709  
**Mine Name:** SKYLINE MINE  
**Title:** REPLACEMENT CULVERT

**Operation Plan**

**Hydrologic Diversion General**

*Analysis:*

The Permittee proposed to install a new undisturbed drainage culvert, CU-2a. CU-2a will eventually replace existing culvert CU-2. CU-2 drains the upper middle branch of Eccles Creek. CU-2a will be installed but not used until an expansion of the coal stockpile has been submitted and approved by the Division. When installed, CU-2a will remained capped until the expansion work begins. With the future amendment to expand the coal stockpile area, the inlet structure will be designed and reviewed by the Division. CU-2a is the same size as CU-2 and receives drainage from the same watershed as CU-2. The alignment of the culvert is the only thing that has changed. There are no necessary changes to the design criteria for the new culvert.

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**Reclamation Plan**

**Bonding Determination of Amount**

*Analysis:*

The Permittee submitted the plans to install a new culvert, CU-2a, which will eventually replace an existing culvert when the coal stockpile is expanded at a future date. This addition results in modification of surface facilities and bonding. At this time, the bonding calculation modification only includes the demolition of an additional culvert, CU-2a, approximately 870 cubic yards of excavation and trench back-fill each. The bond was appropriately adjusted to reflect this modification.

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