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DEPARTMENT OF NATURAL RESOURCES

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Technical Analysis and Findings
Utah Coal Regulatory Program

PID: C0070012
TaskID: 4455
Mine Name: WELLINGTON PREPARATION PLANT
Title: CHANGE OF OPERATION & POND OUTLET MODIFICATION

Reclamation Plan

Hydrological Information Reclamation Plan

Analysis:

The amendment meets the Hydrologic Reclamation Plan requirements of the State of Utah R645 Coal Mining Rules.

The Permittee has not proposed any changes to the hydrology or drainage of the site. No additional hydrologic features (i.e. diversions, impoundments etc.) are proposed at this time. As a result, no changes are necessary to the Hydrologic Reclamation Plan.

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Bonding Determination of Amount

Analysis:

The application includes placement of a temporary administration building; however, no additional bonding will be required and no adjustments will be needed for bond evaluation. The facility will be placed outside the disturbed/bonded area. This is not considered a mining related activity. Therefore, the bond currently in place, \$4,142,000 is considered adequate. The amendment is recommended for approval.

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Environmental Resource Information

Hydro Probable Consequences Determination

Analysis:

The application meets the Probable Hydrologic Consequences Determination requirements of the State of Utah R645 rules.

The oil trans-loading activities to be conducted at the site will be contained within a 5.51 acre area located directly adjacent to the main rail line that transects the property. As directed by the Division of Water Quality (DWQ), the Permittee has developed a Storm Water Pollution Prevention Plan (SWPPP) and a Spill Prevention Control and Countermeasure (SPCC) plan for the site. Additionally, the Permittee has obtained a revised Utah Pollution Discharge Elimination System (UPDES) permit from DWQ. The spill plans and updated UPDES permit were required by DWQ relative to the newly proposed

oil-transloading activity. The revised UPDES permit was issued on November 4th, 2013.

If a significant spill were to occur during the trans-loading activities, and could not be contained at the source, it would report to the Auxiliary Pond (See Figure E9-3341). The DWQ requested that an oil skimmer be added to the pond. As part of this amendment, the Permittee has submitted a drawing showing the construction of the oil skimmer. The oil skimming will be achieved by utilizing the existing outlet box for the Auxiliary Pond. The box is presently open on the top and closed on the bottom. The box will be modified to reverse the water flow into the box by closing off the top and opening the bottom. Any overflow water from the Auxiliary Pond would have to enter the box from the bottom, thus allowing the oil to remain on the surface above the inlet. By doing any spilled oil that reports to the Auxiliary Pond would remain in that pond where it could be removed.

The measures outlined in the SWPPP and SPCC plans minimize the potential for a significant spill. Potential impacts to ground and surface water as a result of the oil trans-loading activity are considered minimal.

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Operation Plan

Road System Plans and Drawings

Analysis:

The application meets the Plans and Drawings requirements of the State of Utah R645 Coal Mining Rules.

The Permittee does not propose the construction of any new roads to facilitate the oil trans-loading operation. On page 7 of Section 5.27 of the application, the Permittee states, "The transloading facility at Wellington will utilize existing roads, most of which are located outside the current 'Disturbed Area'...".

Upon comparing the existing surface facilities map (E9-3341) and the newly submitted surface facilities map, it's clear that the existing road network will be utilized. Additional information relative to roads is not applicable for this amendment.

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Hydro Surface Water Monitoring

Analysis:

The application meets the Surface Water Monitoring requirements of the State of Utah R645 Coal Mining Rules.

The recently revised UPDES Permit (Permit # UTG040010) does not require any additional water monitoring parameters that are not already required by the approved Mining and Reclamation Plan (MRP).

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Hydrologic Water Quality Standards

Analysis:

The amendment conditionally meets the Water-Quality Standards and Effluent Limitation requirements of the State of Utah R645 Coal Mining Rules.

The Permittee must obtain an industrial storm water permit from the Division of Water Quality prior to final approval of the amendment. The industrial storm water permit is covered by Sector P, SIC Code 4226, "Special Warehousing and Storage, Not Elsewhere Classified of the Multi-Sector General permit" for industrial facilities. The permit may be obtained on-line and submission of the SWPPP or SPCC plan is not required. Once the on-line submission form is completed and payment received by DWQ, the coverage of the permit begins immediately.

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Hydrologic Impoundments

Analysis:

The application meets the Impoundment requirements of the State of Utah R645 Coal Mining Rules.

The Permittee has proposed the modification of the outlet box for the Auxiliary Pond. The modification will reverse the flow for the outlet box of the impoundment. Rather than the water flowing into the outlet box from the top of the structure, the bottom of the outlet box will be removed. If the water level in the Auxiliary Pond were to ever reach a level where it discharged, the oil would remain at the surface in the Auxiliary Pond rather than discharge into the adjacent Dryer Pond.

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