



Suzanne Steab <suzannesteab@utah.gov>

Re: FW: Skyline, Waste Rock Site Culvert, Task ID #5022

Cheryl Parker <cherylparker@utah.gov>

Thu, Oct 29, 2015 at 9:49 AM

To: Suzanne Steab <suzannesteab@utah.gov>, Priscilla Burton <priscillaburton@utah.gov>

Suzanne,

I have completed my review of the Task 5022 and recommend it for approval. Attached are my official findings

Cheryl Parker, M.S., P.E.

Mine Engineer

[801-538-5286](tel:801-538-5286)

State of Utah

DNR - Division of Oil Gas & Mining

1594 W North Temple, Suite 1210

Salt Lake City, UT 84116

On Thu, Oct 29, 2015 at 9:36 AM, Cheryl Parker <cherylparker@utah.gov> wrote:

it's good!

Cheryl Parker, M.S., P.E.

Mine Engineer

[801-538-5286](tel:801-538-5286)

State of Utah

DNR - Division of Oil Gas & Mining

1594 W North Temple, Suite 1210

Salt Lake City, UT 84116

On Thu, Oct 29, 2015 at 9:34 AM, Suzanne Steab <suzannesteab@utah.gov> wrote:

Here it is again...let me know.

----- Forwarded message -----

From: **Jeremiah Armstrong** <JArmstrong@bowieresources.com>

Date: Thu, Oct 29, 2015 at 9:32 AM

Subject: FW: Skyline, Waste Rock Site Culvert, Task ID #5022

To: Suzanne Steab <suzannesteab@utah.gov>

Suzanne,

Hopefully, the 3rd time is the charm... Here is the total bond portion of section 4.3.

Jeremiah Armstrong

Environmental Engineer – Skyline Mine

[\(435\) 448-2645](tel:435-448-2645)

jarmstrong@bowieresources.com

From: Jeremiah Armstrong
Sent: Thursday, October 29, 2015 9:01 AM
To: 'Suzanne Steab' <suzannesteab@utah.gov>
Subject: RE: Skyline, Waste Rock Site Culvert, Task ID #5022

I've attached the corrected bond documents. Please add to section 4.3.

Jeremiah Armstrong

Environmental Engineer – Skyline Mine

(435) 448-2645

jarmstrong@bowieresources.com

From: Suzanne Steab [<mailto:suzannesteab@utah.gov>]
Sent: Thursday, October 29, 2015 8:39 AM
To: Jeremiah Armstrong <JArmstrong@bowieresources.com>
Cc: Haddock, Daron <daronhaddock@utah.gov>; Christensen, Steve <stevechristensen@utah.gov>
Subject: Skyline, Waste Rock Site Culvert, Task ID #5022

The Division received the above-noted application on 10/28/15. Pursuant to R645-303-221, the requisite 15-day Initial Review has been completed.

The Division accepts this application for a technical review anticipated to be completed by 11/27/15.

Thank you

—

Suzanne Steab, Engineering Technician II

Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210

Salt Lake City, Utah 84114-5801

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Suzanne Steab, Engineering Technician II

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801



Findings.docx

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TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

October 29, 2015

TO: Internal File

THRU: Priscilla Burton, Permit Lead

FROM: Cheryl Parker, Mine Engineer

RE: Waste Rock Site Culvert, Canyon Fuel Company LLC, Skyline Mine C/007/0005, Task #5022

SUMMARY:

I have completed the review of the Skyline Mine Waste Rock Culvert application and find it to be complete and satisfactory. The application meets the minimum requirements of R645-301-500 and -800 by presenting the mine plan details, plates, and drawings presented within the application. The total bond required by the Permittee was increased to \$5,307,000. The Permittee currently maintains a bond of \$5,799,000 and is 8% over bonded. The application is recommended for approval.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

OPERATION PLAN

SPOIL AND WASTE MATERIALS

Regulatory Reference: 30 CFR Sec. 701.5, 784.19, 784.25, 817.71, 817.72, 817.73, 817.74, 817.81, 817.83, 817.84, 817.87, 817.89; R645-100-200, -301-210, -301-211, -301-212, -301-412, -301-512, -301-513, -301-514, -301-521, -301-526, -301-528, -301-535, -301-536, -301-542, -301-553, -301-745, -301-746, -301-747.

FINDINGS:

Refuse Piles

The application meets the minimum standards of R645-301-528.322 due to the addition of a culvert to carry runoff from the undisturbed ditch, UD-6B to the adjacent natural drainage. The application included an updated culvert section in Chapter 3 Section 3.2 and Plate 3.2.8-1 and 3.2.8-1. Plate 3.2.8-1A was added to detail the culvert designs.

FINDINGS:

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.

Mining Facilities Maps

The application meets the minimum requirements of R645-301-521.120 through-521.125 which require maps to clearly show existing surface and subsurface facilities. The application included an updated culvert section in Chapter 3 Section 3.2 and Plate 3.2.8-1 and 3.2.8-1. Plate 3.2.8-1A was added to detail the culvert designs.

FINDINGS:

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

ANALYSIS:

General

The application meets the minimum requirements of R645-301-800 as the applicant is current on the bond and insurance standings. The application included updated bond sheets to Chapter 3.

Form of Bond

The application meets the minimum requirements of R645-301-860.100 as the applicant currently maintains a surety bond amount of \$5,799,00 which is held by Lexon Insurance Co with a rider held by Ironshore Indemnity Inc.

Determination of Bond Amount

The application meets the minimum requirements of R645-301-830.140 as the application includes the additional removal of the new 24 inch culvert and two sediment boxes as the culvert outlet aprons for a total of an additional \$374 to demolition cost sheet #37 culvert backfilling. The new total of demolition in 2014 dollars is \$2,167,383. The Permittee is currently 8% over bonded.

Terms and Conditions for Liability Insurance

The application meets the minimum requirements of R645-301-850 as the applicant currently holds liability insurance through National Union Fire Ins Co, effective until 2/1/16. The insurance includes the required Marsh from, explosives and claims made per occurrence.

FINDINGS:

RECOMMENDATIONS:

Return accepted