

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403312317

Date Received:

02/05/2023

FIR RESOLUTION FORM

Overall Status:

CA Summary:

3 of 3 CAs from the FIR responded to on this Form

3 CA Completed
0 Factual Review Request

OPERATOR INFORMATION

ECMC Operator Number: 81490
Name of Operator: ST CROIX OPERATING INC

Address: P O BOX 13799

City: DENVER State: CO Zip: 80201

Contact Name and Telephone:

Name: _____

Phone: () _____ Fax: () _____

Email: _____

Additional Operator Contact:

Contact Name	Phone	Email
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ECMC INSPECTION SUMMARY:

FIR Document Number: 696105675

Inspection Date: 01/09/2023

FIR Submit Date: 01/17/2023

FIR Status: _____

Inspected Operator Information:

Company Name: ST CROIX OPERATING INC

Company Number: 81490

Address: P O BOX 13799

City: DENVER State: CO Zip: 80201

LOCATION - Location ID: 482780

Location Name: Horseshoe Number: 1 County: _____

Qtrqr: NENE Sec: 27 Twp: 3S Range: 49W Meridian: 6

Latitude: 39.768700 Longitude: -102.843070

FACILITY - API Number: 05-121- -00 Facility ID: 482780

Facility Name: Horseshoe Number: 1

Qtrqr: NENE Sec: 27 Twp: 3S Range: 49W Meridian: 6

Latitude: 39.768700 Longitude: -102.843070

CORRECTIVE ACTIONS:

1 CA# 167022

Corrective Action:

Date: 01/24/2023

Operator shall submit results from soil pits and proposed soil sample sites as described in Topsoil sampling map (Doc #402948673; page 6) to determine and evaluate topsoil depths as measured in the field. Additionally, Operator shall provide documentation for the quantity/volume of all topsoil salvaged during the construction phase of this location to ensure compliance with topsoil salvage requirements.

Submittal of this information does not indicate compliance with the topsoil salvage requirement of Rule 1002.b.

Response: CA COMPLETED

Date of Completion: 01/09/2023

Operator
Comment:

St. Croix stripped and stockpiled the top 6' from the 300'x300' working pad surface per the submitted topsoil protection plan. 1,667 yards of topsoil were stockpiled. The soil sampling referenced in Doc #402948673, pg 6, is described in the attached reclamation plan.

2/4/2023 Response: The calculated topsoil volume of 3148 CY came from the Cut & Fill sheet of Document 402916339. It assumed the entire 400' x 400' working pad surface would be stripped but only 300' x 300' of the working pad surface was actually stripped. The Topsoil volume of 3148 CY on the Cut & Fill sheet was calculated in error as it assumed essentially the entire difference between cut and fill yardages would all be topsoil. As stated on the Cut & Fill sheet, 6" of topsoil was planned to be stripped, as also stated in Document #402948673 Top Soil Protection Plan. The 3148 CY topsoil volume was copied from the Cut & Fill diagram into the Topsoil Protection Plan, but this volume was incorrect for the two reasons stated above 1) less acreage was stripped, and 2) 6" of topsoil was stripped per the Topsoil Protection Plan. The 1,667 CY of topsoil is correct. Three soil sample cores were obtained from the site as detailed in the Reclamation Plan submitted with the FRRR.

ECMC Decision:

ECMC
Representative:

2 CA# 167023

Corrective Action: Comply with Rule 1002.c. Corrective action date is the date the location was observed out of compliance.

Date: 01/09/2023

Response: CA COMPLETED

Date of Completion: 01/09/2023

Operator
Comment:

02/04/2023 Response
St. Croix will comply with Rule 1002. f. to ensure site conditions and controls are adequate and in place to effectively manage stormwater.

ECMC Decision:

ECMC
Representative:

3 CA# 167024

Corrective Action: Immediately install or repair required BMPs per Rule 1002.f. in accordance with good engineering practices.

Date: 01/09/2023

The corrective date is not intended to be the date for which the Operator shall complete the corrective actions but rather the corrective date is the date the location was observed out of compliance, as it should be in compliance at all times.

Response: CA COMPLETED

Date of Completion: 01/09/2023

Operator
Comment:

02/04/2023 Response St. Croix will finish final reclamation as soon as weather conditions allow and restates that frozen soils provide sufficient compaction to minimize stormwater runoff until final reclamation operations can be concluded.

ECMC Decision:

ECMC
Representative:

OPERATOR COMMENT AND SUBMITTAL

Comment:

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Ryan Dornbos

Signed:

Title: Petroleum Engineer

Date: 2/5/2023 3:35:47 PM

ATTACHMENT LIST

View Attachments in Imaged Documents on ECMC website (<http://ecmcweblink.state.co.us/>) - Search by Document Number.

<u>Document Number</u>	<u>Description</u>
403312317	FIR RESOLUTION SUBMITTED

Total Attach: 1 Files