

## Permit Information

Report Year: 2018NPDES ID: IDR053043

## Facility Information

Facility Name: SOLVAY INC - WOOLEY VALLEY MINE

## Facility Point of Contact

First Name Middle Initial Last Name: Peter EerNisse

Organization:

Title:

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## Facility Mailing Address

Address Line 1: INTERSECT OF CNF RRDS 199 AND 172

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City: SODA SPRINGSZIP/Postal Code: 83276State: IDCounty or Similar Division: CARIBOU

## General Findings

Provide a summary of your past year's routine facility inspection documentation (see Part 3.1.2 of the permit). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines, and are complying with the MSGP Part 8.S.8.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea (e.g., "Urea was not used at [name of airport] for pavement deicing in the past year and will also not be used in 2015." (Note: Operators of airport facilities that are complying with Part 8.S.8.1 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

The Annual Comprehensive Site Inspection described in this report was conducted over one day. The site visit was conducted on June 7th, 2018.

Present were representatives from Solvay, Stantec, USDA FS and BLM.

All areas of the mine site with the potential for discharge were inspected during both of these site visits. During the 2018 site visit, Outfalls 4 (discharge of Angus Creek Pond), 3A (culvert discharge), 3B (culvert discharge) had flow which appeared to reach Angus Creek. The culvert outfalls flows are intersected by retention ponds which act to remove any sediment, though little sediment was observed to be present on any of the outfall discharge. Outfall 4A also had discharge which is presumed to have discharged to the Blackfoot River. All other previously identified outfalls did not have flow. Some new beaver dam activity was observed in Upper Angus Creek. The retention ponds at all outfalls on the site contained water.

Conditions of and around the outfalls were unchanged from the 2017 observations. Additional discussion has been amended to the Site S WPPP, however this CDX electronic form does not allow attachments of this information. The SWPPP is available on request.

Provide a summary of your past year's quarterly visual assessment documentation (see Part 3.2.2 of the permit).

Not applicable. There are no current industrial activities at the mine site under Solvay's control as mining operations have ceased and reclamation has been completed. This exception falls under the 2015 MSGP, Part 3.3.2 "Inactive and Un-staffed Sites".

For any four-sample (minimum) average benchmark monitoring exceedance, if after reviewing the selection, design, installation, and implementation of your control measures and considering whether any modifications are necessary to meet the effluent limits in the permit, you determine that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, provide your rationale for why you believe no further reductions are achievable (see Part 6.2.1.2 of the permit). Enter "NA" if not applicable.

Benchmark monitoring for selenium was performed on the following dates:

August 10, 2011

October 25, 2011

March 6, 2012

April 24-26, 2012

These monitoring data were submitted to EPA on MDMRS and were reviewed as part of this inspection. Additional monitoring of 3 areas of identified erosion (as identified by BLM inspection on June 20, 2012) was

incorporated into a revised Section 5.2.1 of the SWPPP. While no corrective action was required by the BLM, additional monitoring was implemented to monitor if the erosion is continuing or getting worse. Additional

water sampling for selenium was performed in 2014 at request of BLM on 5/20-21, 2014. See attached report entitled "Wooley Valley Mine Spring 2014 Surface Water Sampling Report - July 2014".

No sampling was performed in 2015, 2016 or 2017.

No significant new areas of erosion were identified in 2018.

Provide a summary of your past year's corrective action documentation (See Part 4.4 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

Three areas of the mine were identified during the USFS/BLM inspection of the mine site on June 20, 2012. At the request of the USFS/BLM, additional erosion monitoring of these areas with identified erosion has been implemented as described in Section 5.2.1 of the revised SWPPP.

Per a report prepared by USDA FS/BLM dated July 23, 2012, no corrective actions were suggested or required, other than additional monitoring of these areas. The 2018 annual inspection did not identify any changes in configuration of these areas from 2017 nor evidence of non-compliance in 2018.

#### Certification Information

##### Certified On Behalf Of:

**Responsible Official:** dan bersanti (DBERSANTI)

**DAR Designated:** 10/31/2016 12:00 AM

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

**Certified By:** Peter EerNisse (PEERNISSE)

**Certified On:** 01/23/2019 4:13 PM