COLORADO
Department of Public Health & Environment

Five day reporting form

Incident / spill / sanitary sewer overflow release

Use this form to report incidents impacting waters of the state

The Water Quality Control Division distinguishes between reporting requirements for incidents that occur at entities operating under a Colorado Discharge Permit System (CDPS) permit and those resulting from non-permitted activities.

Permitted activities - Reporting and management of non-compliance incidents that occur as a result of permitted activities should be performed in accordance with the notification requirements in your permit. You may use this form to submit the information requested in the permit.

Non-permitted activities - In the case of an incident where you do not have a CDPS permit, please use this form to submit a written summary of the event **within five working days** of the date of the event. If you have any questions, please contact the division's field services staff person assigned to your spill case or the Field Services Spill Administrator.

For extensions to the five working day deadline (for sampling analysis or other reasons) please send a detailed email with the reason for the request to the Field Services Spill Administrator at michelle.thiebaud@state.co.us . Please send the completed form or report with signature to the division's field services spill administrator at michelle.thiebaud@state.co.us (970-248-7150).

1. Incident background information					
Incident/spill number (division provided)	2024-691	Date of event	7/18/2024	County	Summit
Type of incident / spill / SSO (check one)					
☐ Sanitary sewer overflow		☐ Potable water/reuse water/ reclaimed water		☐ Permit Exceedance	
☐ Wastewater treatment plant bypass or upset (authorized outfall point)		☐ Petroleum product		☐ Oil or gas field production spill	
☐ Wastewater treatment plant spill or overflow (other than outfall)		☐ Chemical		☒ Other	
Estimated volume released	2,500 gallons (25% of which was captured and contained)				
Size and depth of area affected	Not applicable				
Contact information					
Potentially responsible party contact name	Eric Detmer, Environmental Manager				
Potentially responsible party company/agency name	Climax Molybdenum Company				
CDPHE Permit number and facility name (if applicable)	Incident occurred upgradient from Outfall 001A identified in the Climax Mine CDPS Permit No. CO0000248				
Email address	edetmer@fmi.com		Phone	719-427-0070	

2. Incident information: Please provide the following information.

A. Describe incident including source, cause, and location (e.g. address, latitude/longitude).

Incident occurred at the Climax Mine located at Fremont Pass - Highway 91, Climax, CO 80429. At approximately 14:45 hours on July 18, 2024, a routine jetting job was completed and the Mayflower Pump Station was going to be brought back online. The pumps were turned on in auto sequence-auto control. The line was filling with the VFD - pumps 2 and 3 started at the same time, this made pumps trip/power out. The trip occurred and operator was able to clear alarm - hit auto start again - observed that the line pressure dropped to zero and turned the pump off. The water hammer that occurred caused the blind flange at the end of the pipeline to fail and had process water drain into a Climax Mine drainage that eventually leads to Climax's Colorado Discharge Permit System (CDPS) permit (No. CO0000248) Outfall 001A that represents the beginning of Tenmile Creek.

Upon repair of the flange the pumps were brought online in a staggered manner and operations resumed.

Latitude: 39°26'36.61"N
Longitude: 106° 9'52.42"W

B. Material released, e.g. untreated wastewater, petroleum product, specific chemical or product. Please attach the OSHA Material Safety Data Sheets for any and all chemicals or products in spill or release.

Mine tailings seep water

C. Actual or estimated duration of the event and time spill was fully controlled/stopped. If release is still occurring, the date and time the release is expected to be stopped.

Estimated at 8 minutes.

D. Describe measures taken or planned to contain, reduce, and clean up spill or release.

A portion of the released water was able to be stopped and contained at a culvert and that retained water was pumped back into a process pond onsite. A total of 2,500 gallons is estimated to have been released from the site of the failure, with some portion (estimated at 25%) of that contained and kept within the process water circuit.

E. Describe steps taken or planned to prevent reoccurrence.

Climax mine will be installing control/delay programming into the startup sequence of the pumps at this pump station, having pumps not be able to start without intervals in between and will be updating the process area SOPs as well.

3. Incident impact to state waters (As defined in § 25-8-103(19), C.R.S.).

Examples of state waters include: stormwater conveyances (when they discharge to surface water), perennial streams, intermittent or ephemeral gulches, ditches, ponds, lakes, reservoirs, irrigation canals, wetlands and groundwater.

A. Did flow or materials reach surface water of the state? If so, identify the water body or bodies and describe the path of flow. What quantity of material reached the surface waters and what was the resulting impact?

Released process water entered a channel approximately 0.3 miles upstream from Climax's CDPS permit (No. CO0000248) Outfall 001A that represents the beginning of Tenmile Creek. It is estimated that approximately 1,875 gallons of process water flowed into a downstream settling pond and channel before it flowed into Tenmile Creek. There were no noticeable impacts to Tenmile Creek based on field pH readings at the time of the incident (Climax recorded a field pH of 7.61 at the time of the incident, a field pH of 7.73 at 06:56 on 7/19/2024 and permit effluent limitations on field pH were not exceeded). Climax collected lab analytical samples at Outfall 001A immediately after the incident and also the next morning, and those results will be submitted to Colorado DNR/DRMS and CDPHE/WQCD in a follow-up submittal to this report upon receipt of the data.

B. Did flow or materials reach groundwater of the state? If so, identify the water body or bodies and describe the path of flow. If yes, what quantity of material reached the ground or groundwater and what was the resulting impact?

No

C. Did the incident include any of the following? If so, please include additional details below.

☐ Chemical release	☐ Fish kill	☐ Sheen on water

Not applicable

D. Were any water quality samples or other samples taken? If so, please describe sampling process, sampling location(s) in relationship to the incident, i.e. up/down stream and attach results.

Yes, CDPS samples were taking on 7/18/2024 and 7/19/2024 at Outfall 001A. Field pH readings were also collected at the time of the samples. Climax recorded a field pH of 7.61 at the time of the incident, a field pH of 7.73 at 06:35 on 7/19/2024, and permit effluent limitations on field pH were not exceeded.

Upon receipt of the lab sample data, those data will be submitted to CDPHE and DRMS.

4. Incident impact to areas or water users

A. Describe the potential impact of the incident/spill/SSO to public use areas or downstream water users. This includes parks and swim beaches or public water system sources and irrigation diversions.

There were no potential impacts to public use areas or downstream water users based on the limited volume that was released.

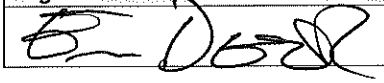
B. Were the impacted area users and downstream water users notified and describe the method of notification, e.g. signs posted, via phone.

No downstream users were notified

C. List any downstream users who were notified.

Not applicable

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."

Signature	Name and title	Company, organization	Date
	Eric Detmer Environmental Manager	Climax Molybdenum Company Climax Mine	7/24/2024