



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10**

1200 Sixth Avenue, Suite 900  
Seattle, WA 98101-3140

**DEC 04 2015**

OFFICE OF  
WATER AND  
WATERSHEDS

Reply to Attn of: OWW-191

Corey Millard  
US. Silver and Gold Inc.  
1041 Lake Gulch Rd  
Wallace, ID 83873

Re: TMDL Monitoring Requirements for the Galena Mine under the National Pollutant Discharge Elimination System Multi-Sector General Permit, Permit Reference No. IDR053038

Dear Mr. Millard:

The purpose of this letter is to notify you of watershed based monitoring requirements that must be implemented at your facility to maintain permit coverage under the U.S. Environmental Protection Agency's (EPA) 2015 Multi-Sector General Permit for Storm water Discharges Associated with Industrial Activity (MSGP). Based on the information provided in your Notice of Intent (NOI), storm water from the Galena Mine at 1041 Lake Gulch Rd (the Facility) near Wallace, Idaho discharges into Lake Creek and the South Fork of the Coeur d'Alene River. The Coeur d'Alene River is listed as impaired for sediment, temperature, cadmium, lead, and zinc and the State of Idaho Department of Environmental Quality (IDEQ) has established a Total Maximum Daily Load (TMDL) for sediment. Lake Creek has been listed as impaired for Cause Unknown (Metals Suspected),

Basis for EPA to Add Additional Requirements

Part 2.2.2.1 of the MSGP, Existing Discharge to an Impaired Water with an EPA Approved or Established TMDL, states, "If you discharge to an impaired water with an EPA approved or established TMDL, EPA will inform you if any additional limits or controls are necessary for your discharge to be consistent with the assumptions of any available waste load allocation in the TMDL, or if coverage under an individual permit is necessary in accordance with Part 1.2.3." See also Part 6.2.5 of the MSGP (allowing EPA to notify a facility of additional monitoring requirements).

Part 9.10.3.3 of the MSGP, Monitoring of Discharges to Impaired Waters, states "For water bodies included on the states 303(d) list (Category 5 of [Idaho's] Integrated Report), identified as "cause unknown", the permittee must monitor for the pollutants listed in the cause comments section of the report (e.g., nutrients, metals, pesticides).

EPA inspections of mines have indicated that the storm water from any part of an active mine may contain pollutants of concern, not simply those associated with waste rock and overburden piles.

To comply with the TMDL, the Facility is to conduct storm water monitoring for TSS at all outfalls to the South Fork of the Coeur d'Alene River from the Facility, following the benchmark monitoring procedures in Part 6.2.1 and Part 8.G.

To comply with Idaho's Clean Water Act Section 401 certification of the permit, the Facility is to conduct storm water monitoring for cadmium, lead, and zinc at all outfalls to the South Fork of the Coeur d'Alene River from the Facility, following the benchmark monitoring procedures in Part 6.2.1 and Part 8.G.

Parameter	Benchmark Value
TSS	100 mg/L
Cadmium	0.04 mg/L
Lead	0.21 mg/L
Zinc	0.09 mg/L

If you have any questions, please contact Margaret McCauley of my staff at [mccauley.margaret@epa.gov](mailto:mccauley.margaret@epa.gov) or (206) 553-1772.

Sincerely,



Michael J. Lidgard, Manager  
NPDES Permits Unit

cc: June Bergquist, Idaho Department of Environmental Quality