

INDEPENDENT MONITORING

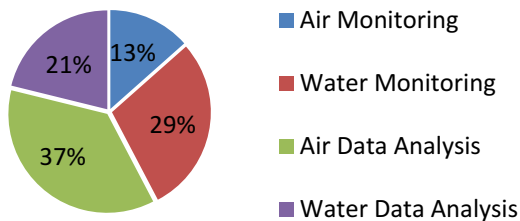
During December 2014, independent environmental monitoring of Eagle Mine's Operations by the Superior Watershed Partnership (SWP) included both split sampling and review and observations of data collected in and around the Eagle Mine site and the Humboldt Mill. Monitoring included:

- Independent sampling and analysis of Eagle Mine's Water Treatment Plant effluent.
- Independent sampling and analysis of Humboldt Mill's Water Treatment Plant effluent.
- Continued air quality monitoring in Powell Township at the CEMP Air/Meteorological Station
- SWP field staff joined in split re-sampling for the Ground Water Discharge Permit at the Eagle Mine.



Eagle Mine Technician sampling the Temporary Development Rock Storage Area. CEMP participates in split sampling with Eagle Mine to verify results.

CEMP Monthly Monitoring by Category December 2014



FINDINGS/RESULTS

- continued to monitor effluent from the water treatment plants at the Mine and the Humboldt Mill. CEMP's December results were in compliance with the permits. Mine results are available on the [CEMP Data Portal](#). Click on Click on Data Verification, Facilities, and the month of December. Click [here](#) to view data from the Humboldt Mill.
- Fourth quarter 2014 facilities monitoring results showed the continued presence of uranium (103 ug/L) and sulfate levels above the 500 mg/L (reporting limit) in the TDRSA Leak Detection Sump.

- Fourth quarter 2014 groundwater sampling at the Eagle Mine site included results at 8 compliance monitoring well locations that were outside the established benchmarks* for some water quality parameters for at least two consecutive sampling events. CEMP field staff participated in re-sampling at these locations in December to verify results (results pending).

*Benchmark values for groundwater quality parameters are based on site specific data and are used to measure any potential changes that may occur as a result of mining activities.

- Air quality data from the Powell Township Air Station were in compliance with the National Air Quality Standards.



PUBLIC OUTREACH/COMMUNITY INPUT

- CEMP hosted public meetings in Marquette and Humboldt on December 2nd and 4th 2014.
- CEMP and Eagle Mine environmental monitoring data continues to be uploaded to the CEMP website. To view recently uploaded data visit the [CEMP data portal](#).
- SWP staff participated in related CEMP technical and policy committee meetings.
- Continued social media outreach and email blasts.

Upcoming Public Hearing on Humboldt Mill NPDES Permit

The DEQ has called a public hearing for the draft National Pollutant Discharge Elimination System (NPDES) for Eagle Mine's Humboldt Mill facility.

The hearing will take place on January 13, 2015, 6pm at Ishpeming's Westwood High School.

Go [here](#) to view the documents related to the hearing.