

# Community Environmental Monitoring Program Update

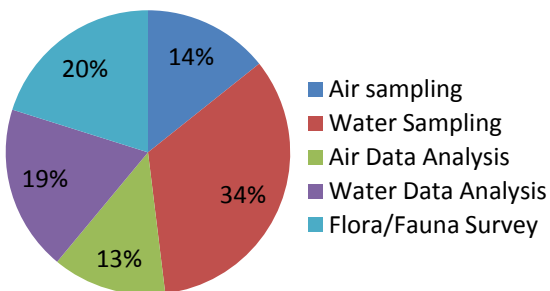
## August 2014

### INDEPENDENT MONITORING

During August 2014, independent monitoring of Eagle Mine's operations conducted by the Superior Watershed Partnership (SWP) included:

- Facilities monitoring included Eagle Mine Water Treatment Plant Effluent, Influent and TDRSA
- Mine Permit Surface Water monitoring on Cedar and Salmon Trout Rivers
- Ground Water Discharge Permit Ground Water Sampling
- Water quality monitoring of the Humboldt Tailings Disposal Facility at the Humboldt Mill
- Air quality monitoring in Powell Township
- Portable air quality monitoring along the haul route
- Vegetation surveys along the Salmon Trout River near the Mine site
- Vegetation plots were surveyed at the mine as well as the mill.

**CEMP Monitoring by Category  
August 2014**



### FINDINGS/RESULTS

- CEMP continued to monitor effluent from the Wastewater Treatment Plant prior to discharge to the Treated Water Infiltration System (TWIS). Results were in compliance with the current Groundwater Discharge Permit.
- CEMP conducted air quality monitoring at the Big Bay air station and Humboldt Township Cemetery. All sites were in compliance with National Air Quality Standards.

### PUBLIC OUTREACH/COMMUNITY INPUT

- CEMP and Eagle Mine monitoring data continues to be uploaded to the CEMP website ([www.cempmonitoring.com](http://www.cempmonitoring.com)).
- SWP staff continued to post related CEMP news and events to the CEMP website and social media pages.
- SWP staff participated in related CEMP technical and committee meetings.



*CEMP Field Technician Hunter King collecting a water sample from the Humboldt Mill Tailings Disposal Facility.*



*The state threatened Narrow-leaved gentian (Gentiana linearis) inventoried along the Salmon Trout River, August 2014.*