



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

15 W Yakima Ave, Ste 200 • Yakima, WA 98902-3452 • (509) 575-2490

April 25, 2013

Dwight Hand
PO Box 53
Ronald, WA 98940

**Re: Application for a Department of Ecology State Waste Discharge Permit
Permit No. ST-9265**

Dear Mr. Hand:

The Department of Ecology (Ecology) has reviewed your application for a State Waste Discharge Permit and found that your application is incomplete. To evaluate the application additional information must be submitted:

Page 1:

- #5 Please provide a valid UBI number.
- #6 Please provide the latitude/longitude in decimal degrees not degrees minutes seconds.

Page 3:

- #1 Please detail the energy source for the mill and concentrating table and lubricants, supplies, consumables that may be involved in the milling process.

Page 4:

- #1 Please describe the process and waste stream associated with that process. Jaw crusher, concentrating table, waste stream, etc.
- #2 No schematic was included in the application. Please supply a detailed schematic showing the production processes, water flow through the facility and wastewater treatment processes. Label all components of the process and where consumables will be used in that process. Construct a water balance showing average flows between intakes, operations, treatment units, and points of discharge to land. Show the nature and amount of sources of water and any collection or treatment measures.
- #3 & #4 Your maximum and average monthly flows do not correlate. Please explain. You have indicated the maximum daily discharge flow is 3000 gallons/day but the average discharge over a month is 30,000 gallons/day???

Page 5:

- #5 You have indicated you only operate 20 weeks per year (#6) yet you have not displayed the information in the chart for #5. Please fill in the chart for #5.
- #7 Mining equipment requires maintenance, (type of energy), repairs, etc. Please list the materials used/stored associated with this mining operation even if not used directly for the operation but required for personnel.
- #8 Without a facility diagram I am unable to evaluate this question.



Page 7:

#1 How is flow measured in and out of the storage tank?

Page 8:

Mining for base metals often results in the release of sulfides, copper, iron, lead, mercury, etc. You will be required to analyze the waste stream for contaminants. Based on the waste analysis additional information may be required for questions on Pages 9 & 10.

Page 12:

Section G is missing information. Please complete the application. There were no attached maps to evaluate this section.

Page 13:

Section H #3 states you discharge to waters of the state. Discharge to a water of the state requires an NPDES Permit, not a State Waste Discharge Permit. If you are discharging water that flows on the ground to a stream, wetland, or other type of water body, you must fill out the NPDES application form.

Page 14:

I am unable to evaluate the accuracy of your answers without the schematic drawing showing the layout of your mining and milling operation. Please indicate on the schematic drawing all land disturbed areas (parking, raw ore storage areas, concentrate storage areas, haul roads or travel paths for equipment, etc.). Please describe the management of fines from the milling process, where they are stores, how often the settling pond is cleaned, etc.

Page 15:

#1 & #2 I am unable to evaluate the accuracy of your answers without the schematic drawing showing the layout of your mining and milling operation. Please indicate on the schematic drawing all land disturbed areas (parking, raw ore storage areas, concentrate storage areas, haul roads or travel paths for equipment, etc.). Please describe the management of fines from the milling process, where they are stores, how often the settling pond is cleaned, etc.

#3 Without an analysis of the waste stream of fines from the milling process and any waste associated with the mining process, I am unable to determine if you have waste that may be classified as dangerous under Chapter 173-303.

Summary: You need to attach the items identified in C.2., C.7., G.3., G.4., G.5., and H.8.

Please review whether or not this is the correct application. If you are discharging to surface waters of the state you will need an NPDES permit application. If you have any questions, please feel free to contact me at 509/457-7113.

Sincerely,



Lorraine Powell
LG, LEG, LHG # 524
Hydrogeologist/Mining Specialist

Enclosure: State Waste Discharge Application