

SITE ASSESSMENT PRIORITIZATION SYSTEM (SAPS) - SCORESHEET

(To be used with SAPS Guidance & Worksheet Version #5, September 2000)

Site Name: Opalite Mine

Site Address: T40S, R40E, Section 33, W.M.
Malheur County, OR

ECSI Number: 2491

EPA ID Number: NA

Site Evaluator: John Dadoly

Date: May 9, 2001

	<u>HIGH THREAT</u>	<u>MEDIUM THREAT</u>	<u>LOW THREAT</u>	<u>NO THREAT</u>	<u>CONF. VALUE</u>
1. Contaminant Route Characteristics and Potential to Release					
a. Hazardous Substance Containment	<u>9</u>	5	3	0	<u>A</u>
b. Depth To Aquifer	<u>7</u>	4	<u>2</u>	0	<u>A</u>
c. Distance to DW Well	7	4	2	<u>0</u>	<u>A</u>
d. Soil Permeability	<u>3</u>	2	1	0	<u>B</u>
e. Distance to Surface Water	<u>7</u>	4	2	0	<u>A</u>
2. Hazardous Substance Characteristics					
a. Source Quantity	<u>9</u>	5	3	0	<u>A</u>
b. Toxicity/Persistence	<u>9</u>	5	3	0	<u>A</u>
c. Water Solubility	3	2	<u>1</u>	0	<u>A</u>
3. Exposure Potential					
a. Groundwater Use	9	5	<u>3</u>	0	<u>A</u>
b. Land Use/Population	7	4	<u>2</u>	0	<u>A</u>
c. Surface Water Use	<u>9</u>	5	3	0	<u>A</u>
d. Sensitive Environments	<u>7</u>	4	2	0	<u>A</u>
e. T&E Species and Critical Habitats	7	<u>4</u>	2	0	<u>A</u>
f. Direct Contact	<u>7</u>	4	2	0	<u>A</u>
4. Evaluator Assessment of Threat	<u>10</u>	5	1	0	<u>A</u>

Add the circled numbers to get the total SAPS score.

Total SAPS score = 82 (out of 110 possible points)

Raw priority associated with score = M (H, M, L)

HIGH: 86 – 110

MED: 48 – 85

LOW: 47 or less (where further site action is needed)

DISCUSSION:

Discuss your overall impression of the threat posed by the site. Include brief discussion of major factors such as potential or known releases, waste quantity, human and environmental targets, and beneficial use(s) of nearby groundwater or surface water. Also discuss relevant factors or considerations not addressed in the SAPS scoresheet. If applicable, explain why the total SAPS score does not reflect the threats the site may pose to human health or the environment.

I feel that this should be a high priority site despite the raw score of 82 (medium priority). There is a high potential for direct contact exposures. The site is adjacent to public land , access is uncontrolled, and the mining equipment makes the site an attraction. Lahontan Cutthroat Trout, a federally listed Threatened Species, habitat is located approximately 2 miles downstream of areas of known sediment contamination from the site. The extent of mercury contamination in sediment is unknown, and could likely be impacting listed fish habitat.

FINAL PRIORITY ASSIGNMENT:

- Further Action - High Priority
- Further Action - Medium Priority
- Further Action - Low Priority
- No Further Action
- Refer to _____ for further consideration
- Other: _____

LISTING RECOMMENDATION:

- Recommend proposal on Confirmed Release List
- Recommend proposal on Inventory
- Insufficient information to list on the Confirmed Release List
- Insufficient information to list on the Inventory
- Excluded from listing