

Last Update: October 27, 2005

NOTE TO USER : Enter data in shaded (yellow) cells ONLY.

Wyoming Department of Environmental Quality
Voluntary Remediation Program

Orphan Site Evaluation Worksheet

Site Name	
Location	
Acreage	
VRP Staff Name	
Date	

Data Confidence Descriptors

- 1 : Best estimate ... based on little or no information
- 3 : Educated or professional judgment ... based on some knowledge or information relevant to criteria being considered
- 5 : Reliable information ... based on sampling, research or accepted knowledge

Contaminant Criteria

sub-score data confidence

toxicity/hazard

- 1 : unrefined petroleum, produced water, dry solids
- 3 : refined petroleum, liquid commercial chemical products
- 5 : explosive materials or hazardous wastes (corrosive, reactive, toxic, flammable)

Comments: (consider volumes here)

concentration - soil

- 1 : greater than the soil cleanup levels (VRP Fact Sheet #12, Table 1)
- 3 : ten (10) times greater than soil cleanup levels
- 5 : free product (saturated soil or waste material)

Comments: (consider volumes here)

concentration - groundwater

- 1 : greater than maximum contaminat levels (MCLs) or drinking water equivalent levels
- 3 : MCLs/DWELs to 10X MCLs/DWELs or unknown
- 5 : greater than 10X MCLs/DWELs or free product

Comments:

hazardous vapors & particulates

- 1 : noticeable odors or dust
- 3 : known vapor emitting volatiles present or non-friable asbestos
- 5 : explosive conditions or friable asbestos

Comments:

Environmental Criteria

sub-score data confidence

depth to groundwater

- 1 : greater than 100 feet
- 3 : less than 100 feet
- 5 : less than 20 feet

Comments:

proximity to surface water

- 1 : greater than one (1) mile

3	: greater than one-quarter (1/4) mile		
5	: features present or within one-quarter (1/4) mile		
Comments:			
Human Exposure Criteria		sub-score	data confidence
proximity to drinking water source			
1	: greater than one (1) mile		
3	: greater than one-quarter (1/4) mile		
5	: features present or within one-quarter (1/4) mile		
Comments:			
land use			
1	: open range or vacant lands, and greater than 1 mile to residences		
3	: commercial/industrial/recreational use or less than 1 mile to residences		
5	: residences present or within one-quarter (1/4) mile		
Comments:			
Ecological Exposure Criteria		sub-score	data confidence
important/sensitive habitats or threatened or endangered species			
1	: I/S habits <u>OR</u> T/E species greater than one (1) mile		
3	: I/S habitats <u>OR</u> T/E species less than one (1) mile		
5	: I/S habitats on-site <u>OR</u> T/E species less than 1/4 mile		
Comments:			
ORPHAN SITE EVALUATION SUMMARY			
		Total Score =	0 (maximum = 45)
		Average Score =	0.0
		Total Data Confidence =	0 (maximum = 45)
		Average Data Confidence =	0.0
OTHER CONSIDERATIONS			
Funding sources or in-kind services that may be used to facilitate clean up			
Comments:			
Site access issues that may impact investigation or clean up			
Comments:			
Public perception of risk			
Comments:			

