

Utah Division of Oil, Gas and Mining Guidance Document

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Cleanup Level Selection & Environmental Sensitivity Interactive Tool (re: Utah Oil & Gas Conservation General Rules R649-3 Drilling and Operating Practices R649-9 Waste Management and Disposal)

This interactive tool is intended for use when evaluating appropriate cleanup levels for oil and gas exploration and production (E&P) related sites. Utah Administrative Code R649-3 and R649-9 should be used in conjunction with this guidance.

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Our Mission

The Utah Oil and Gas Program within the Division of Oil, Gas and Mining:

- Promote the exploration, development and conservation of oil and gas resources*
- Foster a fair economic return to the general public for those resources*
- Maintain sound, regulatory oversight to ensure environmentally acceptable activities*

Introduction

This interactive tool sheet is designed to assist exploration & production (E&P) operators, third party contractors, stakeholders, and Division Staff in determining the Sensitivity Level of a proposed or existing oil & gas location. This tool sheet will follow the ranking criteria established in the *Cleanup Level Selection Guidance Document*.

Summation of Ranking Criteria to Determine Sensitivity & Cleanup Levels

The summation of all of the above ranking scores will yield one value which shall be used to determine the appropriate soil cleanup levels on a case-by-case basis. The sensitivity levels are as follows:

- Level I Sensitivity Cleanup: For scores totaling ≥ 50
- Level II Sensitivity Cleanup: For scores totaling < 50

Instructions

To determine the Site Sensitivity and Cleanup Level of a particular site, the following table may be utilized to determine the total ranking score value. Follow the guidelines set forth in the *Cleanup Level Selection Guidance Document*, Ranking Criteria for Sensitivity Levels section to determine the appropriate value for each ranking criteria.

- Enter the known or anticipated value for the following:
- Select the appropriate value/factor from the drop down for the following:
 - Distance to Groundwater
 - Native Soil Type
 - Annual Precipitation
 - Distance to Nearest Municipal Water Well
 - Distance to Other Water Wells
 - Distance to Surface Water
 - Potentially Affected Populations
 - Presence of Onsite or Adjacent Utility Conduits
- Additional information may be entered by the form's user, such as:
 - Operator
 - Location Name
 - Surface Location Information
 - Other Relevant Information
- To reset the values in the form, Click "Clear Form"

The Division suggests that operators save each iteration of the interactive table they employ, as clicking the "Clear Form" button will revert the table to its original defaults.

Evaluation and Ranking Scores for Sensitivity & Cleanup Levels

Ranking Criteria	Site Specific Factors	Units	Ranking
Distance to Groundwater		feet	
Native Soil Type		permeability	
Annual Precipitation		inches	
Distance to Nearest Municipal Water Well		feet	
Distance to Other Water Wells		feet	
Distance to Surface Water		feet	
Potentially Affected Populations		people	
Presence of On-site or Adjacent Utility Conduits		proximity	
Sum of Ranking Scores			

Sensitivity & Cleanup Level:

Operator:

Location Name:

Surface Location: Qtr/Qtr: Sect: Township: Range:

Other Information: