



Siting Criteria Development

- Three levels of siting criteria definition
 - Level 1 – three top-level categories
 - Site Characteristics/Engineering (35%)
 - Natural Resources (35%)
 - Land Use (30%)
 - Level 2 – breaks down Level 1 categories into criteria
 - Level 3 – further breaks down some Level 2 criteria
 - Provides the lowest level of criteria weighting
- Weighting – top down from Level 1 through Level 3

Criteria	Level I Weight	Level II Weight	Level III Weight	Overall Weight (Out of 100%)
Site Characteristics/Engineering				35%
Site Availability/Acquisition Potential	35%	40%		14.00%
<i>Ownership</i>			40%	5.60%
<i>Number of Parcels</i>			20%	2.80%
<i>Total Site Acreage</i>		40%	5.60%	
Geotechnical Location Factors		10%		3.50%
<i>Fault Hazards</i>			15%	0.53%
<i>Seismic Impact Zones/Hazards</i>			20%	0.70%
<i>Unstable Areas – Mass Movement</i>			25%	0.88%
<i>Unstable Areas – Poor Foundation</i>		40%	1.40%	
Floodplains		5%		1.75%
Groundwater Protection/Hydrogeology		20%		7.00%
<i>Depth to Groundwater</i>			25%	1.75%
<i>Proximity to Drinking Water Wells</i>			30%	2.10%
<i>Proximity to Wellhead Protection Areas</i>			15%	1.05%
<i>Site Hydrogeologic Framework</i>		30%	2.10%	
Development		15%		5.25%
<i>Soils</i>	45%		2.36%	
<i>Topography</i>	30%		1.58%	
<i>Distance from Arterials</i>	10%		0.53%	
<i>Capacity/Site Configuration</i>	15%	0.79%		
Operation	10%		3.50%	
<i>Haul Distance to Waste Centroid</i>		50%	1.75%	
<i>Annual Precipitation</i>		25%	0.88%	
<i>Onsite Water Supply and Management</i>	25%	0.88%		

Criteria	Level I Weight	Level II Weight	Level III Weight	Overall Weight (Out of 100%)
<u>Natural Environments</u>				35%
Wetlands and Waters	35%			3.50%
<i>Wetlands and Waters Impacts</i>		10%	50%	1.75%
<i>Potential for On-Site Wetlands and Waters Mitigation</i>			50%	1.75%
Threatened and Endangered Species		20%		7.00%
Wildlife Area Combining Zone		10%		3.50%
Greater Sage-Grouse Area Combining Zone		40%		14.00%
Sensitive Bird and Mammal Habitat Combining Zone and Migratory Birds				7.00%
<i>Migratory Birds, Including Bald and Golden Eagles</i>		20%	50%	3.50%
<i>Sensitive Bird and Mammal Habitat Combining Zone</i>			50%	3.50%

Criteria	Level I Weight	Level II Weight	Level III Weight	Overall Weight (Out of 100%)	
Land Use				30%	
Proximity to Airports	30%	15%		4.50%	
Site Zoning		20%		6.00%	
Adjacent Land Use Impacts		20%			6.00%
<i>Existing Adjacent Use</i>			25%	1.50%	
<i>Planned Adjacent Use</i>			25%	1.50%	
<i>Distance to Nearest Residence</i>			25%	1.50%	
<i>Distance to Nearest Public Road</i>		25%	1.50%		
Site Visibility/Aesthetic Impact		10%			3.00%
<i>Visibility Based on Topography and/or Vegetation</i>			50%	1.50%	
<i>Remoteness</i>			50%	1.50%	
Transportation System Needs/Opportunity		5%			1.50%
Haul Route Impacts		5%			1.50%
On-Site Land Use Impacts		25%			7.50%
<i>Displacement</i>			40%	3.00%	
<i>Known Cultural Resources</i>			30%	2.25%	
<i>Potential for Buried Archaeological Sites</i>	30%		2.25%		



Siting Criteria Implementation

1. Countywide application of the siting criteria to exclude areas with fatal flaws, thus identifying areas where the facility can be sited – this step does not identify specific sites.
2. Initial countywide screening for specific sites (+/-100 sites).
3. Broad site evaluation to score sites and reduce list to 12 sites for further review.
4. Focused site evaluation to refine scoring with more detailed information and initial site reconnaissance to reduce to a 3-site shortlist.
5. Conduct site investigations and further refine focused site scoring to identify preferred site(s).