



Solid Waste Management Facility Siting

Solid Waste Advisory Committee (SWAC) Meeting

May 17, 2022

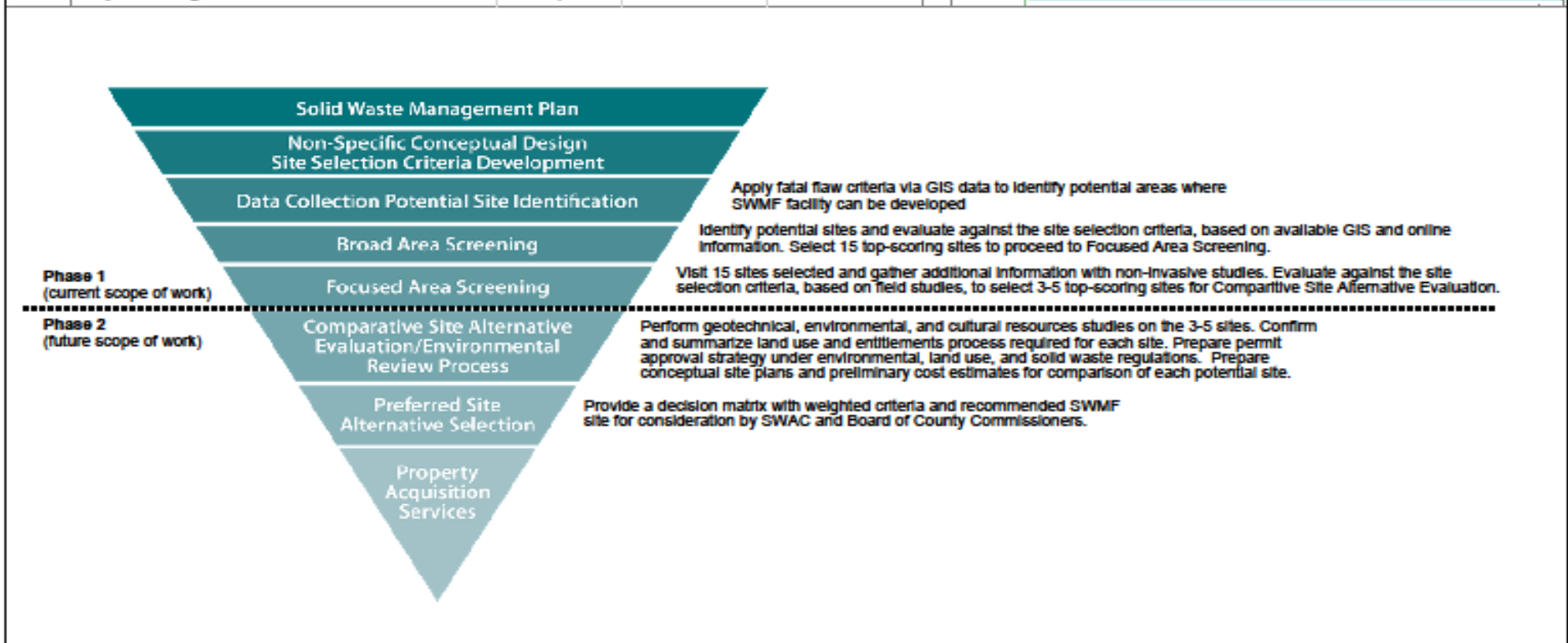




Agenda

1. Introductions
2. Review/ Approve Minutes
3. Discussion/ Recommendation on Criteria Screening
4. Communications Plan Update
5. Next Steps- Action Items
6. Wrap Up/ Adjourn

Phase 1 Schedule (current scope of work)		Deschutes County Landfill Siting Study - Develop Short List of Sites																				
ID	Task Name	Duration	Start	Finish	2022																	
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	Finalize Criteria	45 days	Mon 12/6/21	Fri 2/4/22																		
2	Refine Site Selection Process	155 days	Mon 12/6/21	Fri 7/8/22																		
3	Implement Site Selection Process	175 days	Mon 4/4/22	Fri 12/2/22																		
4	Facilitate Site Selection Process	330 days	Mon 12/6/21	Fri 3/31/23																		
5	Provide Public Outreach	157 days	Mon 1/31/22	Fri 3/31/23																		
6	Provide State and Local Entitlements Summary	155 days	Mon 12/6/21	Fri 3/31/23																		
7	Document Process	158 days	Mon 1/3/22	Fri 3/31/23																		
8	Project Management	330 days	Mon 12/6/21	Fri 3/31/23																		





Revised Cultural Resources Criteria

Scoring	Criteria Categories
Known Cultural Resource categories within Site or within 500 feet of Site	
5	No known cultural resources.
4	Above ground/ Standing Structures within Site
2	Archaeological Sites
1	Other Properties of Tribal Importance
Potential for Buried Archaeological Sites within Site or within 500 feet of Site	
5	The site and the surrounding 500 feet contain only areas with low probability to encounter buried archaeological sites.
3	The site contains low probability, but the surrounding 500 feet contain areas with moderate probability to encounter buried archaeological sites.
1	The site and the surrounding 500 feet contain areas with moderate or high probability to encounter buried archaeological sites.



Criteria Weighting

- Three levels of weighting
- New criteria table shows the actual percent weighting out of 100% for each criterion.
- Provides a better understanding of the overall impact of each criterion.

Criteria	Level I Weight	Level II Weight	Level III Weight	Overall Weight (Out of 100%)
Site Characteristics/Engineering				35%
Site Availability/Acquisition Potential				14.00%
<i>Ownership</i>		40%	40%	5.60%
<i>Number of Parcels</i>			20%	2.80%
<i>Total Site Acreage</i>			40%	5.60%
Geotechnical Location Factors				3.50%
<i>Fault Hazards</i>			15%	0.53%
<i>Seismic Impact Zones/Hazards</i>		10%	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				7.00%
<i>Depth to Groundwater</i>	35%		25%	1.75%
<i>Proximity to Drinking Water Wells</i>		20%	30%	2.10%
<i>Proximity to Wellhead Protection Areas</i>			15%	1.05%
<i>Site Hydrogeologic Framework</i>			30%	2.10%
Development				5.25%
<i>Soils</i>			45%	2.36%
<i>Topography</i>		15%	30%	1.58%
<i>Distance from Arterials</i>			10%	0.53%
<i>Capacity/Site Configuration</i>			15%	0.79%
Operation				3.50%
<i>Haul Distance to Waste Centroid</i>		10%	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%)
Natural Environments				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%



Stakeholder Interview Summary

- 12 people interviewed
- Common themes:
 - Preferred site should be close to towns- but not too close
 - Wildlife, flora, wetlands, waterways, sensitive landscapes and marginalized populations should be considered in siting and in haul road impacts
 - Wind, climate, precipitation are all important factors to consider, as is groundwater and potential for groundwater pollution



Outreach Ideas

- Interviewees recommended a variety of outreach techniques:
 - Project Website, e-news, utility bill inserts, social media, and TV/ radio all were mentioned
 - Targeted presentations to existing scheduled groups: City Club, Chamber meetings, Rotaries, environmental organization regular meetings, BOC work session updates
 - Work to engage with environmental, social justice groups early
 - Once sites are narrowed, really focus on the impacted people
 - Much of the outreach strategy will be dictated by the site- if not near population center, are there user groups, environmental interests, etc. that will be interested?
 - Good neighbor plan essential if near people



What's next?

- Update project website, create FAQs, project fact sheets
- Determine when project Open House takes place (online)
- Target outreach to the process of the site selection
- Develop a toolkit- presentations, materials, etc.