



Submission Date:

Pre-Application Meeting Date:

New Facility

Change of Information / Re-evaluation

Site Expansion

Please see instructions on second page before filling out the form.

APPLICANT AND FACILITY INFORMATION

1. Applicant (Operator) Name (Form SW-G1, Box 1):		2. Facility Common/Other Name(Form SW-G1, Box 4):		3. DEQ Solid Waste Facility ID #: SW-	
4. Site Approval Application Contact Name(s):		5. Contact Professional Title(s):			
6. Contact Telephone Number(s):		7. Contact Email(s):		8. Contact Mailing address (street/city/state/zip code):	
9. Any Additional Application Contact Information:					
10. Local Jurisdictions / Property Owner Approval					
a. County Approval Received ? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		b. City Approval Received? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		c. Property Owners Approval of Use Received? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
d. Is supporting documentation for the above Boxes 10 a, b, and/or c attached to this application? <input type="checkbox"/> Yes <input type="checkbox"/> No					
11. Facility Active Boundary (Acreage to be Certified)					
a. Acreage:		b. Attached Documentation: <input type="checkbox"/> Survey <input type="checkbox"/> Legal Description <input type="checkbox"/> Other:			
12. Facility Information (Form SW-G1, Box 16a-e)					
Facility Type:		Facility Subtype(s) / Activity(s):			
a. <input type="checkbox"/> Municipal Landfill		b. <input type="checkbox"/> Publicly Owned <input type="checkbox"/> Commercial (additional "Site License" is required)			
c. <input type="checkbox"/> Tier I Non-Municipal <input type="checkbox"/> Tier II Non-Municipal <input type="checkbox"/> Tier III Non-Municipal <input type="checkbox"/> Site-Specific Classification		d. Check all that apply: <input type="checkbox"/> Transfer Station <input type="checkbox"/> Landfill - Construction and Demolition (C&D) <input type="checkbox"/> Landfill - Industrial <input type="checkbox"/> Nonhazardous Impoundment (NSWI) <input type="checkbox"/> Waste Septage Disposal Site		<input type="checkbox"/> Incinerator <input type="checkbox"/> Processing - Composting <input type="checkbox"/> Processing - Other <input type="checkbox"/> Petroleum Contaminated Soil (PCS) <input type="checkbox"/> Other	
e. <input type="checkbox"/> Waste Tire Storage Site					
13. Waste Type(s) and Expected Volume(s)					
a. Waste Type:		Expected Volume:		Units:	
Waste Type:		Expected Volume:		Units:	
Waste Type:		Expected Volume:		Units:	
Add Page(s) if Necessary					
b. Total Expected Annual Waste Volume (All Waste Types / Estimate):				Units:	
14. Site-Specific Classification					
If applying for a Site Specific Classification, is a Design Approval Application and a draft Operating Plan being submitted along with this Application? <input type="checkbox"/> Yes <input type="checkbox"/> No					

GENERAL SITING REQUIREMENTS

(Applicable to all Tier II and III solid waste management facilities)

15. Site Map	
Is a scaled map depicting the following items attached to this Application? <input type="checkbox"/> Yes <input type="checkbox"/> No	
a. Highways, roads, and adjacent communities;	

	<ul style="list-style-type: none"> b. Property boundaries (active facility/site certified area AND parcel/ownership boundary if applicable); c. Total acreage of the site; d. Off-site and on-site access roads and service roads; e. Types(s) of land use adjacent to the facility and a description of all facilities on the sites; f. All water courses, ponds, lakes, reservoirs, canals, irrigation systems, and existing water supplies, within one-quarter (1/4) mile of the proposed facility property lines; g. High tension power line right-of-way, fuel transmission pipeline right-of-way, and proposed or existing utilities; h. Proposed or existing fencing; i. Proposed and existing structures at the facility and within five hundred (500) feet of the facility boundary. This shall include location of employee building and scales (if provided); j. Direction of prevailing winds.
16. Flood Plain Restriction	<p>Is a copy of the applicable Federal Emergency Management Agency (FEMA) map showing the location of the site with respect to the 100 year flood boundary attached to this Application?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If a map is not available for the proposed site location, is a site evaluation report and a letter of confirmation, stamped by a registered professional engineer or registered professional geologist attached?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Is the facility located within a one hundred (100) year floodplain?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If the facility located within a one hundred (100) year floodplain, have you attached information demonstrating that the facility will not (1) restrict the flow of a one hundred (100) year flood, (2) reduce the temporary water storage capacity of the floodplain, and (3) result in a washout of waste so as to pose a hazard to human health and the environment?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If the site is located within the 100-year floodplain, the demonstration noted above must be prepared and stamped by a registered professional engineer or registered professional geologist, as appropriate.</p>
17. Endangered or Threatened Species Restriction	<p>Is the facility located such that it does not cause or contribute to the taking of any endangered or threatened species of plant, fish, or wildlife or result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 CFR Part 17?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Is recent supporting information (within the prior six month period) attached to this Application?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
18. Surface Water Restriction	<p>Is the active portion of the facility located such that the facility shall not cause contamination of surface water, unless such surface water is an integral part of the facility's operation for storm water management and/or leachate management?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Is supporting information attached to this application? Provide at a minimum, a scale map showing the site location and distances to the nearest surface water bodies. A USGS 7.5-minute topographic map is suggested.</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
19. Parks, Scenic or Natural Use Restriction	<p>Is the facility located within one thousand (1,000) feet of any state or National Park, or land reserved or withdrawn for scenic or natural use?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Is supporting information attached to this application? Provide a scaled map showing the site location, and distances to the nearest state or National Park, scenic area, and natural use area.</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
SPECIFIC SITING REQUIREMENTS	
Items 20 through 22 are required for all Tier II facilities and Tier III facilities except Tier II transfer stations, CESQG Management facilities and incinerators.	
20. Ground Water	<p>Is the active portion of the facility located, designed or constructed such that the facility shall not cause contamination of a drinking water source or cause contamination of the ground water?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Is supporting information demonstrating that the facility will not degrade ground water attached to this Application?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
21. Geologic Restriction	<p>Is the facility's active portion located on land that would threaten the integrity of the design?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If NO, is supporting information attached to this Application? Minimum documentation must include a description of the site characteristics sufficient to provide a clear understanding that the site is stable. A geotechnical report may be required.</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, is supporting information attached to this Application? Provide information demonstrating that engineering measures</p>

	<p>have been incorporated into the facility design to ensure the integrity of the structural components of the facility will not be disturbed. A site evaluation and letter of confirmation from a registered professional engineer or registered professional geologist may be required.</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																								
22. Property Line Restriction	<p>Is the facility located so that any active portion is not closer than one hundred (100) feet to the property line of adjacent land, or within two hundred (200) feet to the property line for a municipal solid waste landfill?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Is supporting information attached to this application?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																								
Item 23 is required for all Tier II and Tier III NMSW landfills and NSWIs.																									
23. Wetlands	<p>Is the facility located in a wetland?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If NO, is supporting information attached to this application? Documentation may include a copy of the applicable National Wetlands Inventory map and letters from the U. S. Army Corps of Engineers and the National Resource Conservation Service that provide a wetlands determination.</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, is supporting information is attached to this Application demonstrating that:</p> <p><input type="checkbox"/> No practical alternative exists?</p> <p><input type="checkbox"/> The facility will not cause or contribute to violations of the state water quality standards?</p> <p><input type="checkbox"/> The facility will not violate any applicable toxic effluent standards or prohibitions under Section 307 of the federal Clean Water Act?</p> <p><input type="checkbox"/> The facility will not cause or contribute to significant degradation of the wetlands?</p> <p><input type="checkbox"/> No net loss of wetlands will result?</p>																								
Items 24 through 28 are required for all NSWIs.																									
24. Preliminary Engineering Report (PER)	<p>For NSWI facilities DEQ strongly encourages the submission of a complete PER along with a site approval application to facilitate application review. This is not necessary if a complete Design Approval Application has been submitted instead (see Box #14). Is a complete PER attached to this application? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>																								
25. Impoundment Characteristics	<table border="0"> <tr> <td>Impoundment ID:</td> <td>Liner Type:</td> <td>Storage Capacity:</td> <td>Units:</td> <td><input type="checkbox"/> Existing</td> <td><input type="checkbox"/> Planned</td> </tr> <tr> <td>Impoundment ID:</td> <td>Liner Type:</td> <td>Storage Capacity:</td> <td>Units:</td> <td><input type="checkbox"/> Existing</td> <td><input type="checkbox"/> Planned</td> </tr> <tr> <td>Impoundment ID:</td> <td>Liner Type:</td> <td>Storage Capacity:</td> <td>Units:</td> <td><input type="checkbox"/> Existing</td> <td><input type="checkbox"/> Planned</td> </tr> <tr> <td>Impoundment ID:</td> <td>Liner Type:</td> <td>Storage Capacity:</td> <td>Units:</td> <td><input type="checkbox"/> Existing</td> <td><input type="checkbox"/> Planned</td> </tr> </table> <p>Add Page(s) if Necessary</p>	Impoundment ID:	Liner Type:	Storage Capacity:	Units:	<input type="checkbox"/> Existing	<input type="checkbox"/> Planned	Impoundment ID:	Liner Type:	Storage Capacity:	Units:	<input type="checkbox"/> Existing	<input type="checkbox"/> Planned	Impoundment ID:	Liner Type:	Storage Capacity:	Units:	<input type="checkbox"/> Existing	<input type="checkbox"/> Planned	Impoundment ID:	Liner Type:	Storage Capacity:	Units:	<input type="checkbox"/> Existing	<input type="checkbox"/> Planned
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26. Hydro-geologic Investigation	<p>Is a hydro-geologic investigation report prepared by a qualified professional attached to this application?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																								
27. Method(s) of Liquids Reduction (check and fill out all that apply)	<table border="0"> <tr> <td><input type="checkbox"/> Surface Evaporation</td> <td>Reduction Capacity:</td> <td>Units:</td> </tr> <tr> <td><input type="checkbox"/> Aeration/Accelerated Evap. – Description:</td> <td>Reduction Capacity:</td> <td>Units:</td> </tr> <tr> <td><input type="checkbox"/> Solidification – Bulking Material(s):</td> <td>Reduction Capacity:</td> <td>Units:</td> </tr> <tr> <td><input type="checkbox"/> Other Method(s):</td> <td>Reduction Capacity:</td> <td>Units:</td> </tr> </table> <p>Is supporting documentation for each method selected above attached to this application? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<input type="checkbox"/> Surface Evaporation	Reduction Capacity:	Units:	<input type="checkbox"/> Aeration/Accelerated Evap. – Description:	Reduction Capacity:	Units:	<input type="checkbox"/> Solidification – Bulking Material(s):	Reduction Capacity:	Units:	<input type="checkbox"/> Other Method(s):	Reduction Capacity:	Units:												
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<input type="checkbox"/> Solidification – Bulking Material(s):	Reduction Capacity:	Units:																							
<input type="checkbox"/> Other Method(s):	Reduction Capacity:	Units:																							
28. Operational Design Capacity	<p>Numerical operational design capacity, and a brief narrative description, for each independent waste treatment/storage train, expressed, if possible, in gallons per month.</p> <p>Is supporting information attached to this application?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																								

All Attachments with supporting documentation must be referenced to the appropriate Application box number and, if applicable, sub-box letter.

[Signatures and Certifications on Next Page]

Instructions for Form SW-S1

Submit this form for DEQ to review the appropriateness of the site that has been selected for the facility, for DEQ to review the appropriateness of an expansion of an approved site, or to change information provided on a previously submitted Form SW-S1 as a result of design or operational changes (re-evaluation). The form provides DEQ with some general site information and acts as a checklist to ensure that all required information is submitted along with the form. All attachments should reference the appropriate box number (and sub-box letter if applicable) and be attached in the order presented on the form. The final, complete submission, once approved by DEQ, is the facility's Site Certification and should be kept on-site in the facility's Operating Record. Future design and operational changes, including the addition of certain waste types, may result in the need to reevaluate the siting of the facility.

Facility Information:

1. Provide the same information that was provided on Form SW-G1 in Box #1.
2. Provide the same information that was provided on Form SW-G1 in Box #4.
3. Provide the same information that was provided, or was provided by DEQ, on Form SW-G1 in Box #2.
- 4-8. Provide the name of the person(s) DEQ should contact regarding this application. Provide title(s), telephone number(s), mailing address(es), and e-mail address(es) for the contact person(s). This may be a consultant or a facility employee – whomever has the technical knowledge to discuss the application and any modifications that may be necessary.
9. Provide any additional information that may be necessary to efficiently correspond with the contact person(s) listed in Box #4.
- 10a-c. Indicate in each box whether the identified approvals are applicable and if so, whether they have been received. Check "N/A" if an approval is not applicable.
- 10d. Indicate submission of all approvals that are applicable. Application review may be delayed if evidence of applicable approvals are not provided.
- 11a. Provide the total number of acres of the active waste management area in Box #11a, including necessary setbacks, and areas of future expansion for which preliminary design plans can be provided. This number should match the acreage provided on Form SW-G1, Box #14b. If the information does not match then an updated Form SW-G1 will be required.
- 11b. Attach a legally sufficient property description and indicate the type of document provided in Box #11b. The description should be provided in the form of a surveyor's metes and bounds, or an equivalent legally sufficient description appropriate for filing in the property records of the County and approved by DEQ. DEQ prefers applicants submit GPS data files that can be directly imported to DEQ's datasets.
12. Provide the same information that was provided on Form SW-G1, Box #16a-e. If the information does not match then an updated Form SW-G1 will be required.
13. Proper selection and identification of the waste types to be managed at a facility is a critical decision for the proper siting, design, and operation of a facility. The types of wastes that are managed at the facility, as well as the expected quantity of those wastes, will affect DEQ's siting approval decision. Future expansion of the types of waste accepted at a facility may be limited by site characteristics and/or design limitations. For municipal landfills, indicate all waste types that will be managed or disposed separately from the household waste. For facilities not accepting household waste for disposal, provide all waste types that will be expected at the facility. Descriptions of waste categories and waste types may be found in DEQ's "Non-municipal Solid Waste Landfill Guidance" or in guidance specific to the subtype of facility (processing or composting, NSWI, etc.). Add pages as necessary. For waste quantities, existing facilities should use data from operations along with projections if operations are being modified.
- 13b. Provide the most accurate estimate available for expected waste volume. For NSWI facilities a more detailed operational design capacity is required in Box#28.
14. If applying for a site-specific classification submit the appropriate design approval application and a draft operating plan in order for DEQ to review design and operational measures alongside site characteristics. Failure to provide these documents will result in an incomplete application.

General Siting Requirements:

15. A site map depicting 15a-j is required for all municipal landfills and all Tier 2 and Tier 3 solid waste management facilities. Failure to depict all items may delay the application.
16. Provide all flood plain documentation.
17. Information provided relating to compliance with the endangered species act must be current and obtained within the 6 months prior to application approval. DEQ will require updated information if it is older than six months, and public notice may need to be re-published.
- 18-19. Provide the required maps

Specific Siting Requirements:

All facilities except those that are only a transfer station, a solid waste incinerator, or VSQG Management Facility.

20. Minimum documentation shall include well driller's reports, boring logs, and/or site specific environmental assessment information sufficient to demonstrate depth to the uppermost ground water bearing zone and the composition, thickness and characteristics of overlying soil and rock materials. Depending on the nature of the waste to be disposed at the facility and the vulnerability of the ground water beneath the site, best management practices and best practical methods, including special engineering designs, may be required to ensure protection of the ground water. NSWI facilities will be required to provide a full hydro-geologic investigation (Box #26).
21. Factors to consider can include, but are not limited to, on-site and local soil conditions, on-site or local geologic or geomorphologic features, and on-site or local human-made features or events.
22. Provide at a minimum, a scaled map showing the active portion of the site, the distance from the active portion to the site to property boundaries, and the location and land use of adjacent properties. A 100-foot buffer zone must be maintained between the active portion of a Tier II or Tier III solid waste facility and adjacent properties. A 200-foot buffer zone must be maintained at municipal solid waste landfills.

All landfill facilities

23. Wetlands determination required for all landfill facilities.

All NSWI facilities:

24. Wastewater professionals are familiar with the term "Preliminary Engineering Report" or PER. DEQ strongly encourages the submission of a PER in conjunction with a site approval application for a NSWI facility in order to convey all information necessary for an effective review. In instances where a site specific classification as a Tier II facility is being requested, a PER may not be necessary since a Design Approval Application and draft Operating Plan are required at the time of site review.
25. Provide the requested general impoundment characteristics. For Box #25, an impoundment is any lined or unlined area of a facility where pumpable waste or sludge is managed outside of a closed container, and any area where solidification occurs. Impoundment IDs such as "Pond 1" and "Pond 2" should be provided by the applicant as a way to distinguish multiple impoundments at a facility. Additional impoundment information will be required in the Design Approval Application Form SW-D2.
26. NSWI facilities should be sited and designed to protect the first seasonal groundwater encountered below the ground surface, or upper-most water-bearing zone. A hydro-geologic investigation should identify this depth, as well as any drinking water aquifers that underlay the site.
27. Provide information on all liquids reduction strategies used at the facility.
28. Calculate an operational design capacity for each independent waste treatment/storage train. This is to ensure that the facility does not accept more waste than it is sited and designed to properly manage. Operational design capacities are a part of site approval and design approval. A request to expand design capacity requires the submission of a Form SW-D2 for approval of a design modification, and will trigger a review of the site approval to ensure there are no site characteristics that fundamentally limit the management of additional waste. In calculating design capacity take into account storage capacity, declining water balance calculations, and method(s) of liquids reduction.

Certification of Truth, Accuracy, and Completeness (by a Qualified Professional):

The Site Approval Application should be signed and certified by a Professional Engineer or Professional Geologist. Provide the name, title, date and signature of the qualified professional. If a qualified professional is not used to prepare the application please contact DEQ.

FOR ADDITIONAL ASSISTANCE

DEQ has prepared guidance documents for some types of solid waste facilities, including landfills and nonhazardous solid waste impoundment (NSWI) facilities. These guidance documents are available on DEQ's website. For other types of facilities please contact the DEQ Solid Waste Program staff member in your region:

DEQ Boise Regional Office
1445 N. Orchard St.
Boise, ID 83706
ph: (208) 373-0550
fx: (208) 373-0287
toll-free: (888) 800-3480

DEQ Idaho Falls Regional Office
900 N. Skyline Drive, Suite B
Idaho Falls, ID 83402
ph: (208) 528-2650
fx: (208) 528-2695
toll-free: (800) 232-4635

DEQ Pocatello Regional Office
444 Hospital Way, #300
Pocatello, ID 83201
ph: (208) 236-6160
fx: (208) 236-6168
toll-free: (888) 655-6160

DEQ Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
ph: (208) 769-1422
fx: (208) 769-1404
toll-free: (877) 370-0017

DEQ Lewiston Regional Office
1118 F St.
Lewiston, ID 83501
ph: (208) 799-4370
fx: (208) 799-3451
toll-free: (877) 541-3304

DEQ Twin Falls Regional Office
650 Addison Avenue West, Suite 110
Twin Falls, ID 83301
ph: (208) 736-2190
fx: (208) 736-2194
toll-free: (800) 270-1663

