

Name of Applicant:	Name of Facility:
Business Address: City: State: Zip Code: Phone: Email:	Facility Address: City: State: Zip Code: Phone: Email:
Signature:	Date:

*Please reference the appropriate section of WAC 173-350 for full requirements.

Location Requirements WAC 173-350-330(3) Describe how the facility meets the regulatory requirements in the supporting documents. Indicate the location of all documents.	Location of documents in application	Complete (SCHD ONLY)
Surface impoundments and tanks shall not be located in unstable areas unless the owner or operator demonstrates that engineering measures have been incorporated in the facility's design to ensure that the integrity of the liners, monitoring system, and structural components will not be disrupted (3)(a)		
No surface impoundment or tank may be located closer than one hundred feet to an existing drinking water supply well (3)(b)		

Design Standards WAC 173-350-330(4) Describe how the facility meets the regulatory requirements in the supporting documents. Indicate the location of all documents.	Location of documents in application	Complete (SCHD ONLY)
Surface Impoundments: (4)(a)	NA	
<ul style="list-style-type: none"> Liner consists of a minimum 30-mil thickness geomembrane overlying a structurally stable foundation to support the liners and the contents of the impoundment. HDPE geomembranes used as primary liners or leak detection liners shall be at least 60-mil thick to allow for proper welding (4)(a)(i) Ground water monitoring system complies with the requirements of WAC 173-350-500 or a leak detection layer. If a leak detection layer is used, it shall consist of an appropriate drainage layer underlain by a geomembrane of at least 30-mil thickness (4)(a)(ii) Embankments and slopes designed to maintain structural integrity under conditions of a leaking liner and capable of withstanding erosion from wave action, overfilling, or precipitation (4)(a)(iii) Freeboard equal to or greater than eighteen inches to provide protection against wave action, overfilling, or precipitation. Or the SCHD has reduced the freeboard requirement provided that other specified engineering controls are in place which prevent overtopping (4)(a)(iv) Identify a leakage rate for the primary containment system that will trigger corrective action (4)(a)(v) If constructed with a single geomembrane liner, the liner shall be tested using an electrical leak location evaluation capable of detecting a hole 3 millimeters in its longest dimension or other equivalent postconstruction test method prior to being placed in service (Part of construction record drawings.) (4)(a)(vi) NA if single geomembrane liner is not used 		

<ul style="list-style-type: none"> No surface impoundment liner shall be constructed such that the bottom of the lowest component is less than five (5) feet (one and one half meters) above the seasonal high level of ground water (4)(a)(vii) 		
Tanks (4)(b):	NA	
<ul style="list-style-type: none"> Evidence that tanks and ancillary equipment are tested for tightness using a method acceptable to the SCHD prior to being covered, enclosed or placed in use. If a tank is found not to be tight, all repairs necessary to remedy the leak(s) in the system shall be performed and verified to the satisfaction of the SCHD prior to the tank being covered or placed in use (4)(b)(i) 		
<ul style="list-style-type: none"> Below ground tanks and other tanks where all or portions of the tank are not readily visible shall be: (A) designed to resist buoyant forces in areas of high groundwater; (B) Equipped with a leak detection system capable of detecting a release from the tank; and (C) have a leakage rate identified for the primary containment system (4)(b)(ii) 		
<ul style="list-style-type: none"> Evidence for tanks or components in which the external shell of a metal tank or any metal component will be in contact with the soil or water, that a determination was made by a corrosion expert of the type and degree of external corrosion protection that is needed to ensure the integrity of the tank during its operating life (4)(b)(iii) 		
<ul style="list-style-type: none"> Above ground tanks equipped with secondary containment constructed of, or lined with, materials compatible with the waste being stored and capable of containing the volume of the largest tank within its boundary plus the precipitation from the twenty-five-year storm event as defined in WAC 173-350-100 (4)(b)(iv) 		
<ul style="list-style-type: none"> Areas used to load or unload tanks shall be designed to contain spills, drippage and accidental releases during loading and unloading of vessels (4)(b)(v) 		
<ul style="list-style-type: none"> Tanks and piping shall be protected from impact by vehicles or equipment through use of curbing, grade separation, bollards or other appropriate means (4)(b)(vi) 		
<ul style="list-style-type: none"> Tanks shall be structurally suited for the proposed use (4)(b)(vii) 		
<ul style="list-style-type: none"> Tanks, valves, fittings and ancillary piping shall be protected from failure caused by freezing (4)(b)(viii) 		
All facilities which include surface impoundments or tanks must provide controls to limit public access and prevent unauthorized vehicular traffic and illegal dumping of wastes (4)(c)		

Documentation Requirements WAC 173-350-330(5)	Location of documents in application	Complete (SCHD ONLY)
Describe how the facility meets the regulatory requirements in the supporting documents. Indicate the location of all documents.		
Changes in plan of operations must be approved by SCHD. Construction documents must be prepared by a professional engineer licensed in the state of Washington and must include: (5)(a)		
<ul style="list-style-type: none"> An engineering report that presents the design basis and calculations for the engineered features of the facility 		
<ul style="list-style-type: none"> Scale drawings of the facility 		
<ul style="list-style-type: none"> Design specification for the engineered features of the facility 		
<ul style="list-style-type: none"> A construction quality assurance plan 		
Structural changes to the facility need to be approved by SCHD. Construction documents need to be provided to SCHD upon completion (5)(b)	Acknowledged	
NA		

Operating Standards WAC 173-350-330(6) Describe how the facility meets the regulatory requirements in the supporting documents. Indicate the location of all documents.	Location of documents in application	Complete (SCHD ONLY)
Describe the types of solid wastes to be handled at the facility (6)(a)(i)		
Describe the procedures used to ensure that dangerous waste and other unacceptable waste are not accepted at the facility (6)(a)(ii)		
Describe how wastes are handled on-site during the facility's active life, including: (6)(a)(iii)		
<ul style="list-style-type: none"> The equipment and procedures that will be used to prevent overfilling of surface impoundments or tanks 		
<ul style="list-style-type: none"> The equipment and procedures that will be used to maintain a minimum of eighteen inches of freeboard 		
<ul style="list-style-type: none"> The equipment and procedures that will be used to control access to the site 		
A description of how the owner or operator will ensure that facility will control: (6)(a)(iv)		
<ul style="list-style-type: none"> Litter, dust, and nuisance odors 		
<ul style="list-style-type: none"> Rodents, insects, and other vectors 		
Describe how equipment, structures and other systems are to be inspected and maintained, including the frequency of inspection and inspection logs, including: (6)(a)(v)		
<ul style="list-style-type: none"> The ground water monitoring system NA 		
<ul style="list-style-type: none"> The overfilling prevention equipment, including details of filling and emptying techniques 		
<ul style="list-style-type: none"> The liners and embankments, tank piping and secondary containment 		
<ul style="list-style-type: none"> Procedures for cleaning containment structures, including the removal of sediment, vegetation, and debris 		
<ul style="list-style-type: none"> Procedures for testing surface impoundment liners, tanks and piping for leaks 		
Forms used to record volumes or weights and types of waste received and removed from the facility (6)(a)(vi)		
Safety and emergency plans (6)(a)(vii)		
Other such details to demonstrate that the facility will be operated in accordance with Subsection 4 and as required by the SCHD (6)(a)(xi)		

Ground Water Monitoring Requirements WAC 173-350-330(7) Describe how the facility meets the regulatory requirements in the supporting documents. Indicate the location of all documents.	Location of documents in application	Complete (SCHD ONLY)
Surface impoundments not equipped with a leak detection layer are subject to the ground water monitoring requirements of WAC 173-350-500 NA		
Surface impoundments equipped with a leak detection layer and tanks are not subject to the ground water monitoring requirements of this chapter, however, surface impoundments must meet the requirements provided under WAC 173-350-040 NA		

Closure Plan WAC 173-350-330(8)(b) Describe how the facility meets the regulatory requirements in the supporting documents. Indicate the location of all documents.	Location of documents in application	Complete (SCHD ONLY)
Methods of removing wastes		

Financial Assurance Requirements WAC 173-350-330(9)	Location of documents in application	Complete (SCHD ONLY)
There are no specific financial assurance requirements for surface impoundments or tanks subject to this chapter; however, surface impoundments or tanks must meet the requirements provided under WAC 173-350-040(5)		

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