

AGENCY DRAFT SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

Former Whitmarsh Landfill Remediation Project

2. Name of applicant: [\[help\]](#)

Former Whitmarsh Landfill Potentially Liable Parties (PLP) Group

3. Address and phone number of applicant and contact person: [\[help\]](#)

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4. Date checklist prepared: [\[help\]](#)

4/27/2017

5. Agency requesting checklist: [\[help\]](#)

Washington State Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

Summer 2019

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

Yes; Post-construction operation and maintenance and monitoring.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

Final Remedial Investigation/Feasibility Study (RI/FS) Report for the former March Point (Whitmarsh) Landfill, February 2017.

Draft Cleanup Action Plan (DCAP) for the Former March Point (Whitmarsh) Landfill, in progress

The recently completed and extensive RI/FS Report documented the soil, sediment, groundwater, seeps, and surface water conditions in and around the landfill. This report also summarized past environmental investigations conducted by others prior to the RI/FS. The

Feasibility Study identified various remedial options available for grading and capping the solid waste remaining at the former dump. The selected remedial alternative involves regrading some solid waste on site and covering the landfill with low-permeability liner and cover materials. Grading will ensure stormwater runs off the landfill while the cover materials protect the low-permeability liner. The DCAP will provide more information about the selected remedial alternative.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

[\[help\]](#)

No other applications are pending at this time.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

A Joint Aquatic Resources Permit Application will be used to apply for:

- A Shoreline Substantial Development Permit;
- A 401 Water Quality Certification/Modification;
- U.S. Army Corps of Engineers (USACE) Section 10/404 Permit.

Other permits include:

- Washington State Construction Stormwater General Permit;
- Ecology Well Construction Permit;
- City of Anacortes Demolition and Grading Permits; and
- Discharge into the sanitary sewer.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [\[help\]](#)

The March Point Landfill (approximately 15 acres of upland) is located north of South March Point Road at the base of a bluff in the tidelands area of Padilla Bay in the City of Anacortes, Washington (Figure 1). The March Point Landfill was a public dump in the 1950s, and was operated by Skagit County as a landfill from 1961 until its closure in 1973. Padilla Bay is a National Marine Estuarine Sanctuary that supports sustenance fishing by the Swinomish Indian Tribal Community. Due to the site's proximity and potential impacts to Padilla Bay and Bay Lagoon, it has been identified by Ecology as a high priority cleanup area under the Puget Sound Initiative.

The March Point Landfill is bounded by South March Point Road to the south, the BNSF Railway Company (BNSF) railroad causeway and Padilla Bay to the north and northeast, and the Swinomish Indian Reservation to the east and southeast (Figure 1). State Highway 20 runs generally east-west about 800 feet southeast of the site beyond South March Point Road. The landfill is buttressed with heavy rock riprap along its saltwater edge along the bay to the east and northeast, which includes the BNSF right-of-way. The embankment under the railroad serves as a dike separating the bay lagoon from the Padilla Bay. A short trestle (approximately 110 feet wide) in the railroad embankment allows for salt water exchange between the inner and outer lagoon. The area southeast of the landfill is owned by the Swinomish Indian Tribal Community and has been developed as light industrial/commercial area.

The elevation of the March Point Landfill generally ranges from 6 to 25 feet above mean lower low water (MLLW). The landfill surface is relatively flat across the top with higher elevations on the north end. The March Point Landfill slopes down to tidelands on the northeast and east sides and to drainage channels along the north and south sides. The tidelands on the northeast and east sides consist of the inner lagoon and outer lagoon, with an estuarine stream running along the eastern boundary continuing out toward Padilla Bay.

The project activities include:

- Demolition of the existing structures on site (abandoned structures from former saw mill facility);
- Regrading the solid waste to a mound to promote surface water run-off. The final grades are expected to be 20 horizontal to 1 vertical (20H:1V, or 5 percent) on the upland then steepening to 5H:1V along the shoreline;
- Covering the regraded solid waste with a low-permeability liner (Geosynthetic clay liner with laminate [GCLL]);
- Protecting the cap with an engineered soil cover consisting of a 3-foot thick soil cover system (multiple layers);
- Re-constructing and enhancing the perimeter drainage swale system;
- Landfill gas venting system with 12 discharge points;
- Installation of eight monitoring wells; and
- Vegetating the shoreline to create a new habitat with irrigation system, hydroseeding the rest of the site, and installing perimeter security fencing.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [\[help\]](#)

The Site is located just east of March Point Road, North of Whitmarsh Junction, near the eastern boundary of the City of Anacortes at 9663 South March Point Road (See Figure 1). The coordinates are T34N, R2E, eastern half of Section 3. See Figure 2 for a topographic map of the current surface of the landfill. Once the cleanup alternative is complete the landfill will have a graded surface.

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth [\[help\]](#)

a. General description of the site: [\[help\]](#)

(circle one): **Flat on the upland with gentle slopes**, rolling, hilly, **steep slopes along the shoreline**, mountainous, other _____

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

30% along the current shoreline

- c. **What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)**

Currently the site is covered with 2-3 feet of silty sand; and some woodwaste from operations of a former saw mill. The latter is mixed with approximately 50% pit run gravel that served as roadways. The cover layer is underlain with solid waste mixed with soil to the depth of 10 to 20 feet below grade. The entire site is underlain by the original mud flats silts and clays.

- d. **Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)**

No.

- e. **Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)**

The total landfill is 15.5 acres in size. Approximately 0.5 acres will be excavated out to reduce the total footprint to 15 acres. Approximately 17,000 cubic yards (CY) of the existing cover soil will be salvaged for reuse on site. Approximately 45,000 CY of the solid waste and soil around the perimeter of the landfill will be excavated and placed on the landfill and regraded to create the final slopes. Approximately 80,000 CY of clean material (different gradations) will be imported from local quarries (TBD) for backfill and landfill cap construction.

- f. **Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

Yes it can, however, past experience has shown that the site soil/solid waste is porous and all stormwater infiltrates into the subgrade. The work will be conducted in the dry summer season to minimize the potential for erosion. Furthermore, perimeter berms and other temporary erosion control measures will be installed to prevent offsite flow of stormwater. The excavation along the shoreline will be conducted during low tide and only enough portion of the shoreline will be excavated that can be covered up with the low-permeability liner daily. Some release of turbidity to the bay may occur after placement of the final cap soil; floating silt fences will be installed along the shoreline to mitigate it.

- g. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [\[help\]](#)**

None

- h. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)**

As described in paragraph f, above.

2. Air [\[help\]](#)

- a. **What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)**

The primary emission to the air that could result from this phase of the project is dust from grading and reworking of the solid waste and handling of fill materials. Water will be used to control dust as required. The construction equipment will likely be diesel-powered but should be equipped with air pollution control equipment as required.

- b. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)**

No.

- c. **Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)**

Contractor will be required to apply water or other methods to control dust emissions. Their equipment will be required to be in good working order and not to idle for excessive periods of time to minimize exhaust emissions.

3. Water [\[help\]](#)

a. Surface Water:

- 1) **Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [\[help\]](#)**

Padilla Bay and associated tide flats adjacent to the landfill. These are saltwater-dominated estuarine mud flats.

- 2) **Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [\[help\]](#)**

Yes. The landfill edges will be excavated, regraded, and covered with a new cap system. The landfill footprint along the inner lagoon will remain the same, but the slopes will be flattened, resulting in a net increase in the water volume below the OHWM. Please see Figure 1 where the 200-foot line is shown.

- 3) **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)**

Typically, the tide cycles result in approximately 3 feet intertidal zone; this excludes extreme events. Along the bay, the average elevation of the mudflats is approximately Elevation 7, mean lower low water level (MLLW); whereas the ordinary high water mark

(OHWM) is at Elevation 9.24 MLLW. This will result with approximately 500 CY of excavation within the 3 feet height and approximately 2,000-2,500 CY of import fill placement (higher quantity due to flatter slopes). The fill will be imported from local quarries from virgin sources.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

Yes. The landfill was created by filling of the inner lagoon tide flats.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

No.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No and No. Only enough groundwater/leachate within the solid waste will be removed to prevent or minimize its release into the bay during shoreline excavation. The extracted groundwater will be pre-treated to meet the local treatment facility discharge standards and discharged into the sanitary sewer.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [\[help\]](#)

None.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [\[help\]](#)

The only source of surface water runoff is stormwater. All past observations have indicated that stormwater infiltrates into the waste, except perhaps at the edges. Perimeter berms will be constructed to contain surface water runoff.

2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

Contamination from excavated soil or groundwater could leach into groundwater or Padilla Bay, but appropriate measures will be incorporated to prevent or minimize its possibility as described before.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)

Once construction of the remedial alternative is complete rainfall that used to infiltrate the solid wastes will now be routed directly to the inner lagoon area through new and improved drainage conveyances. The volume of runoff will increase due to reduced infiltration.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)

The final grades will be hydroseeded or vegetated and the perimeter drainage swales will be re-constructed with appropriate engineered finish with grass lining, baffles, and weirs, as needed to minimize the potential for erosion.

4. Plants [\[help\]](#)

a) Check the types of vegetation found on the site: [\[help\]](#)

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- Orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

b) What kind and amount of vegetation will be removed or altered? [\[help\]](#)

All of the existing vegetation will be removed from above the solid waste during construction; A habitat plan will guide revegetation of the cover materials. Selected deciduous trees along the western boundary of the landfill may also need to be removed.

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

None known to be present on-site.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

To the extent possible, native plants with shallow roots will be used to restore habitat along the shoreline of the former landfill. The types of local plant species will be determined during design efforts after consultation with the Swinomish Indian Tribal Community. The remainder of the site will be hydroseeded with local grass seed mix.

e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)

Himalayan Blackberry is present on-site.

5. Animals [\[help\]](#)

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [\[help\]](#)

Examples include:

birds: **hawks, blue heron, bald eagle, songbirds.**

mammals: **deer**, bear:

fish: bass, **salmon, trout, herring, shellfish**, other _____

b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

- Southern resident orcas, listed as endangered;
- Humpback whales, listed as endangered;
- Steeler sea lions, listed as threatened;
- Puget Sound Chinook salmon, listed as threatened; and
- Puget Sound steelhead trout listed as threatened.

According to the USFWS website, bald eagles, Canada lynx, gray wolves, grizzly bears, marbled murrelets, northern spotted owls, and bull trout occur in Skagit County. Based on site location and conditions, bull trout, bald eagles, and marbled murrelets may occur near the site.

c. Is the site part of a migration route? If so, explain. [\[help\]](#)

Padilla Bay is an adult and juvenile migration route for salmonids. The adjacent inner lagoon area likely accommodates migrating shorebirds for feeding and resting.

d. Proposed measures to preserve or enhance wildlife, if any:

Habitat restoration of approximately 1.6 acres will take place along the shoreline as the low permeability cap and cover are constructed.

e. List any invasive animal species known to be on or near the site. [\[help\]](#)

Not aware of any.

6. Energy and Natural Resources [\[help\]](#)

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [\[help\]](#)

The only possible energy demand may be small amount of electricity for a pump for irrigation of the new habitat along the shoreline.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)**

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [\[help\]](#)**

Not applicable.

7. Environmental Health [\[help\]](#)

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe. [\[help\]](#)**

Environmental health hazards such as exposure to petroleum, PCBs, and metals in soil, solid waste and groundwater, and risk of spill could occur during the proposed construction of the selected remedial alternative. The construction will be completed in strict accordance with a site-specific Health & Safety Plan. All workers on site will have specialized training and experience working on sites with potential soil and/or groundwater chemical contamination.

- 1) Describe any known or possible contamination at the site from present or past uses. [\[help\]](#)**

The RI/FS Report contains and presents all of the information concerning the contamination sources remaining at the landfill both as an open burn and regular municipal solid waste landfill. The typical known contaminants are petroleum hydrocarbons, metals, small amount of polychlorinated biphenyls, volatile organic compounds, and polychlorinated aromatic hydrocarbons.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [\[help\]](#)**

None. There are no known hazardous liquid or gas transmission lines in the vicinity (660-feet) of the landfill.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [\[help\]](#)**

The heavy equipment used on-site during the construction of the cap and cover will likely use diesel fuel, lubricants, hydraulic fluids, and small quantities of gasoline. The fluids will be stored in appropriate containers with secondary containment if necessary. If water treatment is necessary, then there may be a need for water treatment chemicals prior to off-site disposal of the pre-treated leachate.

4) Describe special emergency services that might be required. [\[help\]](#)

Transportation to the emergency room of the local hospital could be required in the instance of an accident involving site workers.

5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)

To avoid these environmental health hazards, workers will wear PPE including coveralls, work and or chemical-resistant gloves, safety glasses, and if applicable, respirator. In addition, engineering controls will be used to minimize the potential for spills to occur. Institutional controls would be used to protect human health and the environment from residual impacts. A project-specific health and safety plan will be prepared, which will include a map to the nearest emergency facility, and all workers associated with the project will be required to review it. All workers in direct contact with contaminated soils and groundwater will be required to have HAZWOPER training per OSHA and Washington Labor and Industries requirements.

b. Noise [\[help\]](#)

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)

None.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [\[help\]](#)

Noise will be generated during excavation and grading of the solid waste, as a result of heavy equipment and dump trucks. This noise will be within the acceptable range of construction noise and will only occur during permitted work hours (i.e., 7 a.m. to 7 p.m.).

3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

Workers will wear earplugs when in the presence of heavy equipment creating noise, if needed. Excavation, and grading will only occur during daylight hours to avoid disturbing neighbors. Any faulty equipment generating excessive noise will be repaired, e.g. damaged muffler.

8. Land and Shoreline Use [\[help\]](#)

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The Site is currently not in use. The proposal will not affect land uses on nearby or adjacent properties. Any new uses will have to protect the intended function of the newly installed cap in its design.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands

have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

No.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [\[help\]](#)

No.

c. Describe any structures on the site. [\[help\]](#)

There is one metal-sided shop measuring approximately 30-feet by 40-feet. Two of the former sawmill buildings are partially demolished with only the roofs and structural beams remaining, and with their concrete foundations, some foundations for other demolished structures.

d. Will any structures be demolished? If so, what? [\[help\]](#)

All remaining structures (siding, structural steel, and roofing material) will be removed and recycled. As necessary, the concrete foundations will be wholly or partially demolished. The intact portions of the foundations will be incorporated under the regraded solid waste.

e. What is the current zoning classification of the site? [\[help\]](#)

The Whitmarsh Landfill lies within the City of Anacortes, and is currently zoned as "HM" or Heavy Manufacturing. AMEC contacted the City's Department of Community & Economic Development, and the department confirmed that there are no plans to change the zoning for the foreseeable future.

f. What is the current comprehensive plan designation of the site? [\[help\]](#)

HM (Heavy Manufacturing)

g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

Urban.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

No.

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

None.

j. Approximately how many people would the completed project displace? [\[help\]](#)

None.

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

None

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

None

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

None

9. Housing [\[help\]](#)

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None.

10. Aesthetics [\[help\]](#)

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [\[help\]](#)

Not applicable.

b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

Currently views from March Point Road South are restricted by the trees and heavy vegetation lining the boundary of the landfill. The regraded and capped landfill surface will reach an approximate height of 15-20 feet in elevation above March Point Road South.

C. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

The cover will be landscaped along the shoreline and the upper portions of the cover will be seeded with native grasses.

11. Light and Glare [\[help\]](#)

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

None.

- b. **Could light or glare from the finished project be a safety hazard or interfere with views?** [\[help\]](#)

None.

- c. **What existing off-site sources of light or glare may affect your proposal?** [\[help\]](#)

None.

- d. **Proposed measures to reduce or control light and glare impacts, if any:** [\[help\]](#)

None.

12. Recreation [\[help\]](#)

- a. **What designated and informal recreational opportunities are in the immediate vicinity?** [\[help\]](#)

There is a public shoreline access viewing area approximately 1,000 feet northwest of the site at the junction of March Point Road South and March Point Road East.

- b. **Would the proposed project displace any existing recreational uses? If so, describe.** [\[help\]](#)

None.

- c. **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:** [\[help\]](#)

None.

13. Historic and cultural preservation [\[help\]](#)

- a. **Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.** [\[help\]](#)

None.

- b. **Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.** [\[help\]](#)

Archeological surveys completed during the RI/FS did not indicate any areas of cultural importance along the western boundary of the landfill along March Point Road South or in various test pits completed on-site.

- c. **Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with**

tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

Appendix I of the RI/FS contained two archeological reports; one was titled "Archaeological Monitoring of RIFS Sampling in the Whitmarsh Landfill, Skagit County, Washington" which documented the lack of any areas of cultural significance during the completion of the RI test pits. The second was titled "Results of an Archaeological Survey at the March Point (Whitmarsh) Landfill, City of Anacortes, Skagit County, Washington, AMEC Earth & Environmental Cultural Resources Short Report No. 26"

Amec Foster Wheeler has been in communication about the project with the Swinomish Indian Tribal Community. An Inadvertent Discovery Plan will be followed during regrading of the solid waste. All work will take place on private property and we do not anticipate a need to encroach on the Swinomish Tribal land.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. [\[help\]](#)

An "Inadvertent Discovery of Cultural Resources Plan" will be available during construction when solid waste is regraded and pulled back from the shoreline to create a shoreline riparian area.

14. Transportation [\[help\]](#)

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

The main public streets serving the site are Highway 20, Reservation Road, March Point East and March Point South Roads, depending on the direction of travel.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

The nearest bus route is Skagit County Transit's Route 513 from Anacortes to the Chuckanut Park and Ride lot in Burlington. The closest bus stops at Reservation Road and East March Point Road, at the Swinomish "Smoke Shop" along South March Point Road. Both are approximately 2,700 feet away.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

None.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [\[help\]](#)

No new or additional improvements to roads, streets, or other transportation routes are anticipated.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [\[help\]](#)

While the BNSF railway is immediately adjacent to the site, this particular spur serves the nearby refineries and is not used for passenger service.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

None after completion of the remedial alternative construction.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. [\[help\]](#)

No.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

None.

15. Public Services [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally

None.

- b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

None.

16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site: [\[help\]](#)


electricity, natural gas, **water**, refuse service, **telephone**, sanitary sewer, septic system, other _____

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

At this time no utilities are anticipated to be used except temporary use of the City of Anacortes waste water treatment facilities. The possibility of extending a sanitary sewer line to the site will be evaluated during the design. If it is necessary to actively recover LFG or extract leachate from the solid waste, the project may require electricity for pumps and communication, and sanitary sewer service using a new connection or truck transport.

C. Signature [\[help\]](#)

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 
Name of signee Mervyn Willespy
Position and Agency/Organization Solid Waste Division Manager - Skagit County
Date Submitted: 3-3-20 Public Works

D. supplemental sheet for nonproject actions [\[help\]](#)

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

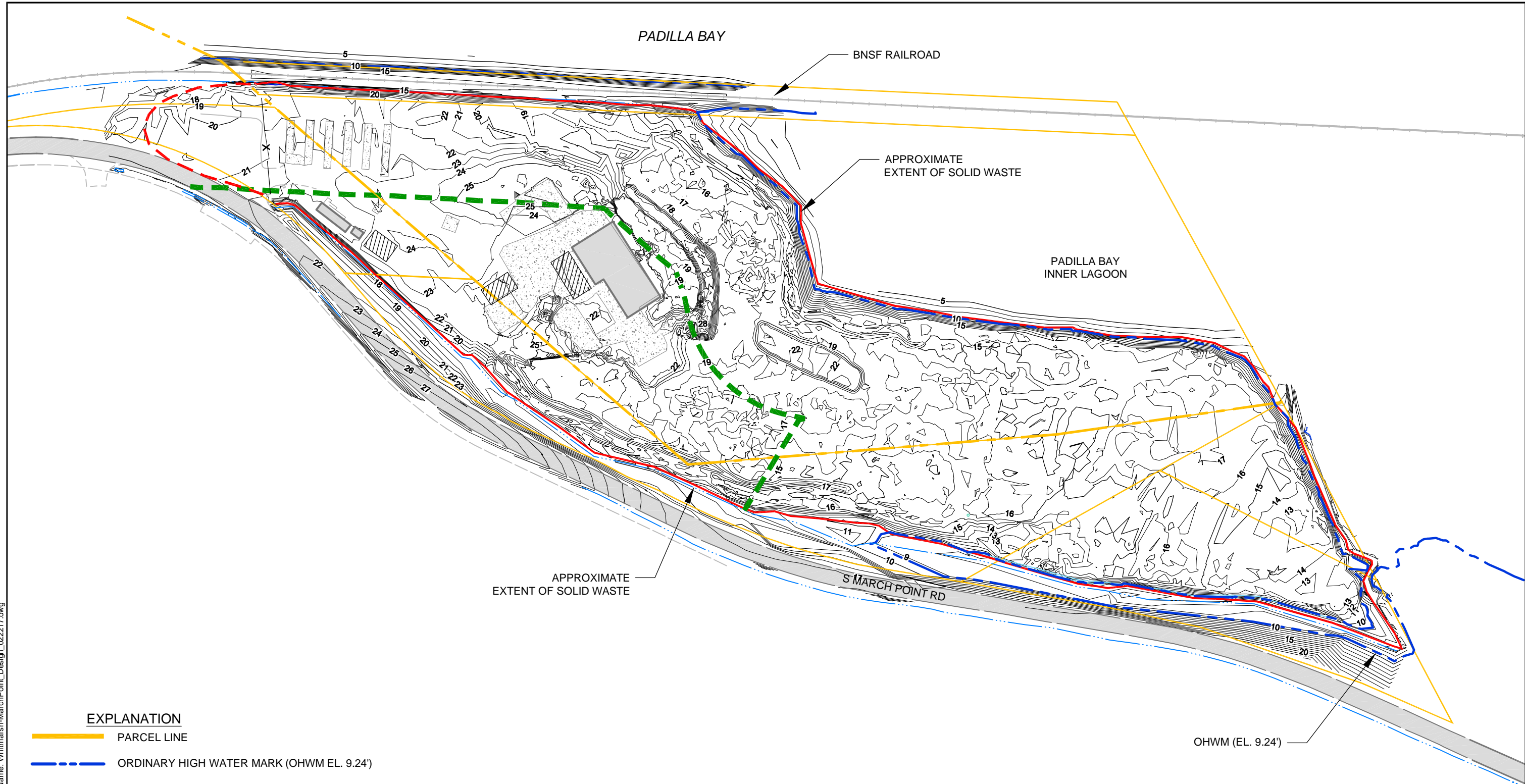
5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:





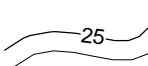
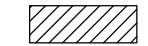


6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

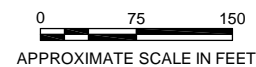
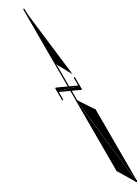


EXPLANATION

-  PARCEL LINE
-  ORDINARY HIGH WATER MARK (OHWM EL. 9.24')
-  STORMWATER SWALE
-  APPROXIMATE EXTENT OF SOLID WASTE
-  EXISTING ELEVATION CONTOUR IN FEET ABOVE MEAN LOWER LOW WATER
-  EXISTING BUILDING
-  EXISTING BUILDING FOUNDATION
-  EXISTING CONCRETE PAD

EXPLANATION

-  200-FOOT SHORELINE SETBACK



200-FOOT SHORELINE SETBACK March Point (Whitmarsh) Landfill Skagit County, Washington		
By: APS	Date: 04/21/17	Project No. 14159
Amec Foster Wheeler Environment & Infrastructure, Inc.		Figure 1

Plot Date: 04/21/17 - 9:45am. Plotted by: adam.stenberg
 Drawing Path: S:\14159\017_2016-Design\ Drawing Name: Whitmarsh-MarchPoint_Design_022217.dwg