WAC 197-11-970 Determination of nonsignificance (DNS).

DETERMINATION OF NONSIGNIFICANCE

Description of proposal: The proposal is Ecology's selected cleanup action for the Sudbury Road Landfill Site, which is undergoing cleanup under the Model Toxics Control Act (MTCA). The proposal includes improvements to landfill cover systems, installation of landfill gas controls, and improvements to stormwater controls. Additional components include future inspections and maintenance, institutional controls, and groundwater and gas monitoring.

Proponent: Washington State Department of Ecology

Location of proposal, including street address, if any: 414 Landfill Road, Walla Walla, WA, 99362, approximately 4 miles west of the City of Walla Walla and ¼ mile north of Highway 12

Lead agency: Washington State Department of Ecology

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030 (2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

☐ There is no comment period for this DNS.

☐ This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.

X This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by June 30, 2015

Responsible official: Wayne Krafft

Position/title: Waste 2 Resources Program, Section ManagerPhone: 509-329-3438

Address: 4601 N. Monroe, Spokane, WA 99205

Date: 6-1-15 **Signature**: Wayne Krafft

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:
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

1. Name of proposed project, if applicable:
   Sudbury Road Landfill Site Remediation

2. Name of applicant:
   Washington State Department of Ecology

3. Address and phone number of applicant and contact person:
   Department of Ecology
   Waste 2 Resources Program
   4601 N. Monroe Street
   Spokane, WA 99205
   509-329-3564

4. Date checklist prepared:
   05/27/2015

5. Agency requesting checklist:
Washington State Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable):
Construction of remedial actions would take place in 2016. Implementation of remedial actions would continue until cleanup levels for groundwater are achieved.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Future activities that are part of the remedial action include inspections, maintenance, gas monitoring, and groundwater monitoring.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
- Schwyn Environmental Services, LLC. *Revised Interim Action Plan, Sudbury Road Landfill Remedial Action, Walla Walla, Washington.* March 31, 2010.
- Schwyn Environmental Services, LLC. 2011. *Data Summary and Remedial Investigation Work Plan, Sudbury Road Landfill, Walla Walla, Washington.* With accompanying Sampling and Analysis Plan, Quality Assurance Project Plan, and Health and Safety Plan. December 28, 2011.
- Schwyn Environmental Services, LLC. *Remedial Alternatives Focusing Study, Sudbury Road Landfill, Walla Walla, Washington.* November 8, 2013.
- Schwyn Environmental Services, LLC. *Remedial Investigation Feasibility Study Report, Sudbury Road Landfill, Walla Walla, Washington.* September 15, 2014.
- WA Dept. of Ecology. *Draft Cleanup Action Plan, Sudbury Road Landfill Site.* May 2015
- WA Dept. of Ecology. *Draft Consent Decree, Sudbury Road Landfill Site.* May 2015

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.
No.

10. List any government approvals or permits that will be needed for your proposal, if known.
- Approval of cleanup action documents including Engineering Design and Construction Plans and Specifications, Compliance Monitoring Plan, Operations and Maintenance Plan, Financial Assurance, and Cleanup Action Report.
- Approval of revisions to an existing air quality permit.
- Grading, building, and construction stormwater permits.

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.)
This cleanup involves improvements to containment of municipal solid waste and its byproducts (gas and leachate) at three areas of the Sudbury Road Landfill (Areas 1, 2, and 5) . The cap for Areas 2 and 5 will be improved by regrading to promote stormwater flow away from each area and increasing the thickness of soil over each area to serve as an "evapotranspiration cover" that will prevent precipitation from infiltrating into municipal solid waste. The cover may include use of biosolids to promote establishment of vegetation. A gas control system will be installed in Areas 1, 2, and 5 to extract landfill gas and destroy it through an existing flare station at the landfill. There will be improvements to stormwater controls north and south of Area 5 to prevent stormwater run-on. Institutional controls including an environmental covenant, groundwater and gas monitoring, and inspection and maintenance are also components of the cleanup.

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.

414 Landfill Road, Walla Walla, WA, 99362, approximately 4 miles west of the City of Walla Walla and ¼ mile north of Highway 12, in the southwest quarter of Section 14, southeast quarter of Section 15, northeast quarter of Section 22, and northwest quarter of Section 23, Township 7 North, Range 25 East.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site
(underline one): Flat, rolling, hilly, steep slopes, mountainous,
other _____

b. What is the steepest slope on the site (approximate percent slope)?
Approximately 30%

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.
Silt

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
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.
Improvements to the Area 2 and 5 cap will involve movement of approximately 130,000 cubic yards of soil located at the landfill. Improvements to stormwater controls south of Area 5 will involve movement of approximately 4,500 cubic yards of soil located at the landfill.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Erosion could possible occur during removal, grading, or placement of soil.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
Stormwater controls will include construction of an impervious drainage channel in a relatively narrow strip along the north side of Area 5. Other cleanup work will not involve impervious surfaces, though other impervious surfaces exist at the site.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Erosion control berms, erosion control mats, grading, and revegetating exposed soil to control erosion are included in the cleanup actions.

2. Air

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.
Fugitive dust emissions from movement of soil and exhaust from heavy equipment are expected during construction. Emissions after completion of the project are not expected.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Dust suppression would include the use of a water truck.

3. **Water**

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.
Mud Creek is an intermittent stream that lies over ½ mile northwest of the landfill. A tributary to Mud Creek extends along the northern boundary of the landfill. The tributary is dry most of the year.

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.
Yes. Improvements to stormwater controls north of Area 5 involve the tributary to Mud Creek that extends along the northern boundary of the landfill.

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.
None

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
No

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
No

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.
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.
Groundwater will be withdrawn from environmental monitoring wells to obtain samples needed as part of required groundwater monitoring. No water will be discharged to groundwater.

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.
Not applicable.

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.

Stormwater controls are a part of this project. Stormwater will be routed either off-site for infiltration into the ground or to the site's compost facility lagoon for evaporation or reuse in the compost operation.

2) Could waste materials enter ground or surface waters? If so, generally describe.
No

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.
Somewhat. Stormwater currently draining onto Area 5 will be diverted off-site and to the site's compost facility lagoon.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:
None

4. **Plants**

a. Check the types of vegetation found on the site:

___deciduous tree: alder, maple, aspen, other
___evergreen tree: fir, cedar, pine, other
_x__shrubs
_x__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?
Existing vegetation in areas of construction will be removed.

c. List threatened and endangered species known to be on or near the site.
None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Impacted areas will be revegetated through seeding.

e. List all noxious weeds and invasive species known to be on or near the site.
None

5. **Animals**

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. Examples include:

birds: hawk, heron, eagle, songbirds, other: seagull
mammals: deer, bear, elk, beaver, other: deer and small mammals such as marmots
fish: bass, salmon, trout, herring, shellfish, other _____

b. List any threatened and endangered species known to be on or near the site.
None

c. Is the site part of a migration route? If so, explain.
All of Washington State is part of the Pacific Flyway.

d. Proposed measures to preserve or enhance wildlife, if any:
None

e. List any invasive animal species known to be on or near the site.
None

6. **Energy and natural resources**

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.
Electricity will be used to operate the gas control and treatment system.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
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:
None

7. **Environmental health**

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.
Yes. There is a risk of explosion from and worker exposure to landfill gas while the gas control system is constructed. There is a risk of exposure to contaminants in groundwater during groundwater sampling activities.

1) Describe any known or possible contamination at the site from present or past uses.
Soil and groundwater under buried waste is contaminated with, at a minimum, tetrachloroethene and vinyl chloride.

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.
Landfill gas affects project development in that cleanup actions include installation of a landfill gas control system.

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.
Potentially contaminated groundwater will be generated during groundwater monitoring activities. It will be disposed in accordance with applicable laws.

4) Describe special emergency services that might be required.
Emergency services will be similar to those found at construction sites.

5) Proposed measures to reduce or control environmental health hazards, if any:
All work will be done in accordance with an approved health and safety plan.

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
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.
Operation of equipment would generate short-term increases in noise levels during construcion at areas adjacent to the site during normal working hours.

3) Proposed measures to reduce or control noise impacts, if any:
None

8. **Land and shoreline use**

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.
The site is used for managing solid waste. It is surrounded on all sides by active agricultural fields. The proposal will not affect land uses.

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?
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:
No

c. Describe any structures on the site.
There is a scale house and office, household hazardous waste facility, and compost facility that consists of an asphalt pad and lined leachate lagoon.

d. Will any structures be demolished? If so, what?
No

e. What is the current zoning classification of the site?
Public Reserve

f. What is the current comprehensive plan designation of the site?
Public

g. If applicable, what is the current shoreline master program designation of the site?
Not applicable

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
No

i. Approximately how many people would reside or work in the completed project?
None

j. Approximately how many people would the completed project displace?
None

k. Proposed measures to avoid or reduce displacement impacts, if any:
None

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None

13. **Historic and cultural preservation**

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 located on or near the site? If so, specifically describe.

No

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.

No

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.

No methods have been used to assess potential impacts.

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.

In the case of discovery of any cultural or historic resources, all work will stop and appropriate tribes and other authorities will be notified.

14. **Transportation**

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.

Highway 12 and Landfill Road

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?

No

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

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).

No

e. Will the project or proposal use affect (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

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?

None

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.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
None

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:
None

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
None

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
None

c. Proposed measures to reduce or control housing impacts, if any:
Not applicable

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
Not applicable

b. What views in the immediate vicinity would be altered or obstructed?
None

c. Proposed measures to reduce or control aesthetic impacts, if any:
None

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
None

b. Could light or glare from the finished project be a safety hazard or interfere with views?
No

c. What existing off-site sources of light or glare may affect your proposal?
None

d. Proposed measures to reduce or control light and glare impacts, if any: [help]
None

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?
None

b. Would the proposed project displace any existing recreational uses? If so, describe.
No

No

h. Proposed measures to reduce or control transportation impacts, if any:
None

15. **Public services**

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 describe.
No

b. Proposed measures to reduce or control direct impacts on public services, if any.
None

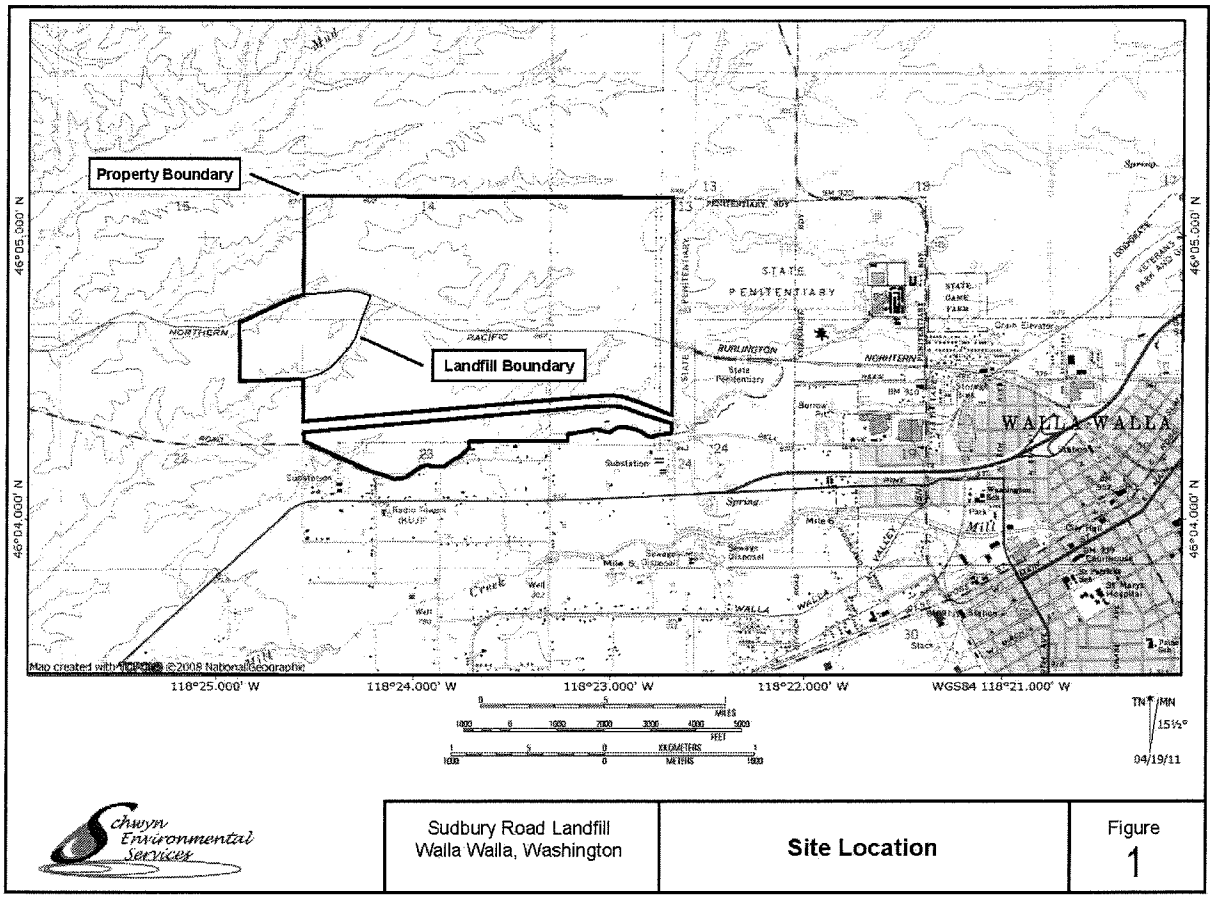
16. **Utilities**

a. Underline utilities currently available at the site:
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.
Not applicable

C. Signature

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: Marni Solheim
Position and Agency/Organization: Site Manager, WA State Dept. of Ecology
Date Submitted: May 26, 2015
See Site Map Below



Schwyn Environmental Services	Sudbury Road Landfill Walla Walla, Washington	**Site Location**	Figure 1