WASHINGTON STATE DEPARTMENT OF ECOLOGY

DETERMINATION OF NONSIGNIFICANCE

Description of proposal:
Remedial activities at the South Wilbur Petroleum Contamination Site include contaminated soil excavation, backfill with clean material, and installation of impervious surfaces and stormwater control systems. Activities will be conducted to remediate petroleum contaminated soils and shallow groundwater.

Proponent: Washington State Department of Ecology

Location of proposal, including street address if any:
819 East Penn Street
Moses Lake, WA 98837

Lead agency: Washington State Department of Ecology

The lead agency for this proposal has determined that it does not have a probable significant 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.**

☒ **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** 10/1/04.

Responsible official: Flora Goldstein

Position/title: Section Manager, Toxics Cleanup Program, ERO

Address: 4601 N. Monroe, Spokane, WA 99205 **Phone:** 509-329-3568

Date 8.31.04 **Signature** Flora J. Goldstein

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:
   Moses Lake City Maintenance Facility

2. Name of applicant:
   Department of Ecology Toxics Cleanup Program

3. Address and phone number of applicant and contact person:
   Sandra Treccani, Site Manager
   4601 N Monroe
   Spokane, WA 99205
   (509)329-3412

4. Date checklist prepared:
   5/10/04

5. Agency requesting checklist:
   Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable):
   Draft Cleanup Action Plan (DCAP) by August 2004, project work beginning late fall of 2004 or spring 2005

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
   Groundwater monitoring in the Eastern portion of the property will take place at quarterly intervals for a minimum of one year after completion of the cleanup action.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
   The document related to this proposal is the DCAP. The DCAP was prepared using existing site information in the official site file at Ecology's Eastern Regional Office (see Section 7.0 for the specific documents used). The DCAP is undergoing public comment concurrently with SEPA.

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.
   The Final CAP will represent local, state and federal governmental approval of the proposal. Local, state and federal agencies will have opportunity to comment on both the CAP and related SEPA documents

10. List any government approvals or permits that will be needed for your proposal, if known.
    State and local approval for the institutional controls

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.)
Contaminated soil in the Eastern and Central Portions of the facility will be excavated. The depth of excavation is not known as those documents have not been prepared yet. Excavated contaminated soil will be transported to an off-site approved permitted disposal facility. Clean backfill will be transported to the site and emplaced in the excavation. Backfill will be compacted and graded.

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.
The Site is located at 819 E Penn Street in the city of Moses Lake, Grant County, WA.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one: rolling, hilly, steep slopes, mountainous, other).
flat

b. What is the steepest slope on the site (approximate percent slope)?
30%; topography is generally flat with the steepest slope on the south edge of the property

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 prime farmland.
Soils present on-site are Ephrata fine sandy loam and Wiehl fine sandy loam. Descriptions are medium to dark brown sandy silt with silty sand.

d. Are there surface indications or history of unstable soils in the immediate vicinity'? If so, describe.
No.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
An unknown quantity of clean fill will be emplaced in the area where contaminated soil is removed. The clean backfill will be taken from a City of Moses Lake stockpile

located on Penn Street.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
No.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
No additional impervious surfaces will be created by this action, and none will be removed. The same amount existing prior to the work will exist after the work.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
N/A

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.
Dust may be generated during excavation activities. The quantity will be small and brief in duration.

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 measures, such as a light spray of water, will be used if needed.

3. Water

a. Surface:

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.
Wetlands are present across a partially-paved two lane street to the north, and across a paved four lane road to the south. The majority of the wetlands are classified as palustrine with persistent emergent vegetation and semi-permanently flooded. They are fed primarily by surface water runoff, and likely are associated with Moses Lake but not through a direct stream discharge.

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.
The excavation will occur within 200 feet of the wetlands. No impact is expected

since the activities will take place within the fenced maintenance facility. Refer to the DCAP or the Remedial Investigation/Feasibility Study Ecological Evaluation for a detailed assessment.

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:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.
Saturated contaminated soils may be removed as part of the action. If ponded groundwater occupies the excavation, then it may need to be removed to complete the excavation. Quantities are unknown.

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.
N/A

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.
During excavation work, runoff and stormwater will be addressed with any water collecting in the excavation. After the project is complete, no changes are planned to the existing stormwater collection system.

2) Could waste materials enter ground or surface waters? If so, generally describe.
Waste materials (i.e., contaminated soil) are currently in contact with ground and surface waters. The proposed action will eliminate that.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:
The proposed action will inherently reduce surface and groundwater impacts.

4. Plants

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

___deciduous tree: alder, maple, aspen, other
___evergreen tree: fir, cedar, pine, other
___shrubs
___grass
___pasture
___crop or grain
___wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
___water plants: water lily, eelgrass, milfoil, other
_X_other types of vegetation *invasive weeds*

b. What kind and amount of vegetation will be removed or altered?
Weeds present on-site will be removed from the excavation areas.

c. List threatened or endangered species known to be on or near the site.
No endangered species are present. Threatened species known to be in the area are ute ladies'-tresses. None are present on the site. They may be present in the surrounding wetlands, but none were observed.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
The site is used by large road maintenance vehicles and for the storage of road repair materials and maintenance of vehicles. Given the use, and the fact that the ground surface is maintained as bare gravel or asphalt, landscaping or vegetation-enhancing measures are not proposed.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

_X_birds: *hawk*, heron, *eagle*, *songbirds*, other: *waterfowl*
_X_mammals: *deer*, bear, elk, beaver, other: *small herbivorous mammals*
___fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.
Threatened species known to be in the area are pygmy rabbits. Endangered species known to be in the area are bald eagle and bull trout. Bald eagles would be considered only transient visitors to the wetlands, and bull trout are not known to be present in the habitat of the wetlands.

c. Is the site part of a migration route'? If so, explain.
Ducks and geese may use the wetlands as part of a migration route, although the open water areas are limited. It is likely they would prefer the more open waters of Moses Lake.

d. Proposed measures to preserve or enhance wildlife, if any:
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.
The completed project will require the use of battery-powered pumps and groundwater monitoring meters during specific groundwater sampling events.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
N/A

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:
N/A

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.
On-site workers are potentially exposed to petroleum contaminated soil and groundwater.

1) Describe special emergency services that might be required.
There might be a risk of fire due to the nature of the contaminants, and a potential exposure risk that might require transport of on-site workers to a medical facility.

2) Proposed measures to reduce or control environmental health hazards, if any:
All on-site personnel will be 40-hour OSHA trained in hazardous waste operations. Personal protective equipment will be used to prevent against incidental exposure.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)'?
The site is located on a road in a commercial area of town and is in the route of aircraft using the former military base nearby. Therefore, traffic noise from both cars and trucks and occasional planes would be expected

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.
Excavation equipment would create a moderate level of noise during operation. Noise is expected to be short-term for the duration of the excavation activities, and would only be present during daytime work hours (7 am to 6 pm).

3) Proposed measures to reduce or control noise impacts, if any:
Equipment will only be operating during daytime hours to minimize noise impacts.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?
The site is used for the maintenance and parking of road maintenance vehicles, and the storage of materials and equipment for vehicle and road maintenance. The adjacent properties are all light industrial, except for the wetland areas. In the past, fueling of vehicles took place on the site.

b. Has the site been used for agriculture? If so, describe.
No.

c. Describe any structures on the site.
There are numerous garages for the repair and maintenance of vehicles. There is an office building for staff. There are sheds present for the storage of supplies and equipment. On the Western Portion of the property, there are three large warehouse-type buildings that will be used for the storage of vehicles, equipment, and supplies.

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

e. What is the current zoning classification of the site?
Light industrial.

f. What is the current comprehensive plan designation of the site?
N/A

g. If applicable, what is the current shoreline master program designation of the site?
N/A

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
No.

i. Approximately how many people would reside or work in the completed project?
Currently there are 47 employees at the facility. None would be affected by the proposed project

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

k. Proposed measures to avoid or reduce displacement impacts, if any:
N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
The completed project will have no impacts to existing or future use of the site.

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:
N/A

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'?
No new structures are proposed for the site.

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

c. Proposed measures to reduce or control aesthetic impacts, if any:
N/A

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?
N/A

c. What existing off-site sources of light or glare may affect your proposal?
N/A

d. Proposed measures to reduce or control light and glare impacts, if any:
N/A

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?
The paved road to the south may be used by pedestrians and bike riders. There are no formally designated recreational opportunities in the immediate vicinity.

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

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
Dust suppression activities will occur to prevent or minimize any impact to pedestrians or bikers on the road.

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site'? If so, generally describe.
None known.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
N/A

c. Proposed measures to reduce or control impacts, if any:
N/A

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.
The site is accessed by Penn Street, which is a paved two lane road that borders the site to the north. There is a network of smaller, two lane paved roads that serve the small light industrial neighborhood in the vicinity of the site and connect Penn Street to Wheeler Road. Wheeler Road, a larger four lane paved arterial road, bounds the site to the south. State Route 17 connects Wheeler Road with Interstate 90 to the south.

b. Is site currently served by public transit'? If not, what is the approximate distance to the nearest transit stop?
No. Approximately one-half mile to the nearest transit stop.

c. How many parking spaces would the completed project have? How many would the project eliminate?
No parking spaces would be created or eliminated by the project.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
No.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
Water, rail, and air transportation will not be used. Transportation will occur via road and will likely be near air and rail transportation lines.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
It is unknown at this time how many trips per day will be generated. That will depend on the number of vehicles used, and the quantity and ultimate destination of contaminated soil. An approved permitted landfill has not yet been selected for the project.

g. 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, health care, schools, other)? If so, generally describe.
No.

b. Proposed measures to reduce or control direct impacts on public services, if any.
N/A

16. Utilities

a. Circle 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.
None.

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: Damona L. Tuccori

Date Submitted: 8.24.04