

Fee: \$300 **GRANT COUNTY ENVIRONMENTAL CHECKLIST**

For photocopying purposes please fill this form out in black ink or type. Thank you.

A. BACKGROUND

Interim Remedial Action
Removal of contaminated soil
from Ephrata Landfill
cleanup site.

1. Name of proposed project, if applicable: _____
2. Applicant's Name: Grant County Public Works
Address: 124 Enterprise St. SE Ephrata, WA 98823
Phone number(s) 509-754-6082
Tax Parcel Number N/A
Section 33 Township 21 North Range 26 East
3. Contact person/agent (if applicable)
Name: Derek Pohle, P.E.
Address: 124 Enterprise St. SE Ephrata, WA 98823
Phone number(s) 509-754-6082
4. Date checklist prepared: 9/12/12
5. Agency requesting checklist: Washington State Department of Ecology
6. Proposed timing or schedule (including phasing, if applicable):
Interim Remedial Action of removing contaminated soil to occur immediately after 14 days of SEPA comment period.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes explain.
The Final Consent Decree negotiated by and between the PLP's (Grant County and City of Ephrata) may include work adjacent to the proposed soil removal area.
8. List any environmental information you know that has been prepared, or will be prepared, directly related to this proposal.
IRAP by Parametrix Inc. and Pacific Ground Water Group. Site RI & FS
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.
SEPA, DOE IRAP approval

7. This interim remedial action is part of the Ephrata Landfill MTCA action. Soil removal is proposed at this time to ensure potentially contaminated soils are removed prior to road construction.

11. Give a 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.

This is an interim remedial action. The County will remove potentially contaminated soil from within a discrete section of the ROW of the proposed new alignment of phase 3 Neva Lake Road. Approx 6000 +/- cubic yards of material will be excavated and disposed in the Grant County Landfill.

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 proposed soil excavation is located approx. 200 feet east of the old Landfill entrance located at the NW corner of the property. See the attached plan sheet. SW 1/4, NW 1/4, Sec 33, T21N, R26E.

11. This proposal is part of the Ephrata Landfill interim remedial MTCA action. 8,200 cubic yards of soil removal is proposed at this time to ensure potentially contaminated soils are removed and disposed properly prior to road construction. Road construction impacts were evaluated in a previous environmental review and is not part of the review for this proposal.

TO BE COMPLETED BY APPLICANT:

B. ENVIRONMENTAL ELEMENTS

1. EARTH

- a. General description of the site (check one): flat, [] rolling, [] hilly, [] steep slopes, [] mountains, [] other (describe):

b. What is the steepest slope on the site (approximate percent of slope)?
There are verticle bedrock outcrops to the north and east of the excavation.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? f you know the classification of agricultural soils, specify them and note any prime farmland.

The soils in the excavation area consist of a mixture of sand, gravel and silt, native and fill.

- 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.

Approximatley 6000+/- cubic yards of potentially contaminated soil will be removed the 80 foot width of the proposed ROW for a length of approx 335 +/- feet. Remove soil down to basalt bedrock.

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?).

Of the 80 foot wide ROW, the paved road surface width will be 34 feet.

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

Appropriate BMP's during construction.

e. Soil removal to a depth of eight feet. Backfill will include basalt, on-site and off-site fill material.

Additional soil will be removed from immediately adjacent to the north. The added area is 50 feet wide by 170 feet long. The total volume to be removed is 8,200 cubic yards.

g. There will be no additional impervious surface resulting from this proposal. Road construction impacts were evaluated in a previous environmental review.

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 and vehicle emissions during construction.

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 control measures if needed may include use of a water truck.

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.

No

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

No

- 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.

N/A

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

4. If irrigation canal water is used for dust suppression, the Columbia Basin Irrigation District will be the supplier.

- 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.

No

b. If ground water is used for dust suppression, it will be obtained from the City of Ephrata.

- 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 storm water):

- 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.

The road will be constructed over the contaminated soil area. The road design incorporates a shoulder and ditch section to manage stormwater by infiltration.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

N/A- This is a removal of potentially contaminated soils. They will be disposed of appropriately in the new lined landfill.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any.

Appropriate BMP's will be used if needed. None anticipated.

c. 1. Road construction was evaluated in a previous environmental review. For this interim remedial action proposal, storm water will percolate to the ground.

4. PLANTS

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

- | | |
|---|----------------------------------|
| <input type="checkbox"/> deciduous tree: alder, maple, aspen, other | <input type="checkbox"/> shrubs |
| <input type="checkbox"/> evergreen tree: fir, cedar, pine, other | <input type="checkbox"/> grass |
| <input type="checkbox"/> crop or grain | <input type="checkbox"/> pasture |
| <input type="checkbox"/> wet soil plants: Cattail, buttercup, bullrush, other | |
| <input type="checkbox"/> water plants: water lily, eelgrass, milfoil, other | |
| <input checked="" type="checkbox"/> other types of vegetation | |

b. What kind and amount of vegetation will be removed or altered?

Sparse weeds will be removed.

c. List threatened or endangered species known to be on or near the site.

Unknown

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.

None proposed in this section of roadway.

c. There are no known threatened or endangered species on the site.

d. There will be no landscaping proposed for this interim remedial action. Proposed road construction was evaluated in a previous environmental review.

5. ANIMALS

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

Birds:	<input type="checkbox"/> hawk	<input type="checkbox"/> heron	<input type="checkbox"/> eagle	<input checked="" type="checkbox"/> songbirds	<input checked="" type="checkbox"/> other:
Mammals:	<input type="checkbox"/> deer	<input type="checkbox"/> bear	<input type="checkbox"/> elk	<input type="checkbox"/> beaver	<input type="checkbox"/> other:
Fish:	<input type="checkbox"/> salmon	<input type="checkbox"/> trout	<input type="checkbox"/> herring	<input type="checkbox"/> shellfish	<input type="checkbox"/> other:
	<input type="checkbox"/> bass				

b. List any threatened or endangered species known to be on or near the site.

Unknown

c. Is the site part of a migration route? If so, explain.

Unknown

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

None Proposed

b. There are no known threatened or endangered species located on or near the site.

c. The site is located in a migration route.

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.

N/A

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.

Exposure to low level contaminated soils.

- 1) Describe special emergency services that might be required.

None

- 2) Proposed measures to reduce or control environmental health hazards, if any.

Contractor is required by contract to have a Health & Safety Plan in place for excavating these soils.

- b. Noise

- 1) What type of noise exists in the area which may affect your project (for example: traffic, equipment, operation, other)?

Construction equipment during project.

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

Traffic noise from the newly completed public road.

- 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?

Site- Closed Landfill, former LF Shop Site

North- Undeveloped, rock outcrops

West- 1 residence & old chicken farm

East- Undeveloped LF property

South- Closed LF cell.

2. Air monitoring and fugitive dust management. Work will be limited to daytime hours starting at 7:00 a.m.

2. Noise from this proposal will come from excavation equipment and trucks. Road construction was previously reviewed in a previous SEPA review and is not part of the review for this proposal.

3. Work will be limited to daytime hours starting at 7:00 a.m.

b. Has the site been used for agriculture? If so, describe.

No

c. Describe any structures on the site.

Remnant concrete pads from old shop site

d. Will any structure be demolished? If so, what.

No

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

Rural Urban Reserve

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

Public Facilities

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?

0

j. Approximately how many people would the completed project displace?

0

k. Proposed measures to avoid or reduce displacement impacts, if any.

None

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.

None needed

9. HOUSING

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low- income housing.

0

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low income housing.

0

c. Proposed measures to reduce or control housing impacts, if any.

N/A

10. AESTHETICS

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

N/A

- 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?

Vehicle headlights at night

- 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?

N/A

- d. Proposed measures to reduce or control light and glare impacts, if any.

None

11. Minimal. There will be no vehicle activity resulting from this proposal during nighttime hours. Work will be limited to daytime hours starting at approximately 7:00 a.m.

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

- 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 PRESERVATIONS

- 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.

No

- 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.

None

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.

Proposed new road- Neval Lake Road, Public Road

- b. Is site currently served by public transit? If not, what is the approximate distance to the existing street system? Show on site plans, if any.

No

- c. How many parking spaces would the completed project have? How many would the project eliminate?

0

- 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).

Excavation of these soils is part of the Phase 3 construction of Neva Lake Rd.

- e. Will the project use (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? If known, indicate when peak volumes would occur.

Unknown

- g. Proposed measures to reduce or control transportation impacts, if any.

None

a. Road construction is not proposed for this project. The Neva Lake Road proposal was evaluated in a previous environmental review.

d. Not resulting from the Ephrata Landfill MTCA action. Previous environmental review was conducted for proposed road construction and is not part of this proposal.

f. Approximately 110 dump truck loads (while interim remedial action is taking place). There will be no trips per day generated by the completion of this interim remedial action proposal.

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.

None

16. UTILITIES

- a. Check utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:

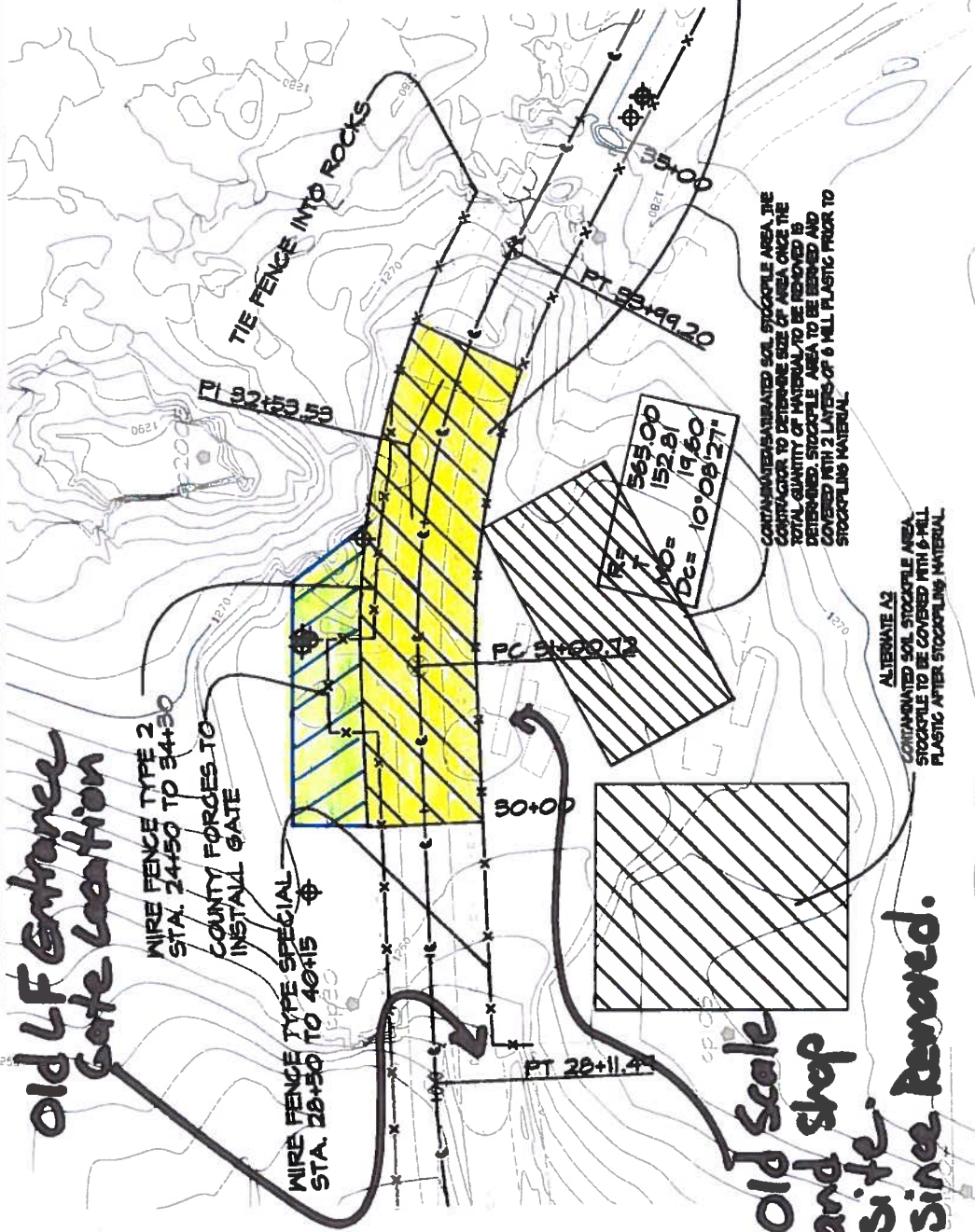
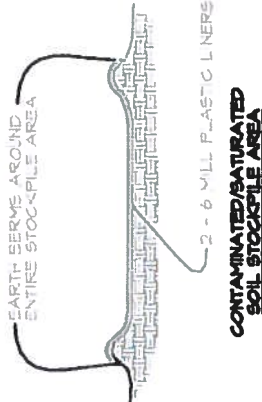
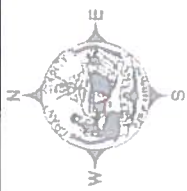
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N/A

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.

Date Submitted: 9/12/12
Signature: [Handwritten Signature], PE



Old LF Entrance Gate Location

WIRE FENCE TYPE 2 STA. 24+50 TO 34+30
 COUNTY FORCES TO INSTALL GATE
 WIRE FENCE TYPE SPECIAL STA. 28+50 TO 40+15

TIE FENCE INTO ROCKS

Old Scale and Shop Site Since Removed.

REMOVE CONTAMINATED SOIL DOWN TO BEDROCK 40' EITHER SIDE OF CENTERLINE BETWEEN STA. 30+00 AND STA. 38+85. APP. 6,000 CY OF MATERIAL. SEE P&E FIGURE NO. 1

ALTERNATE A1
 CONTAMINATED SOIL TO BE HULLED TO LANDFILL LOCATED APPROXIMATELY 3500' SOUTH AND PLACED AS DIRECTED BY THE LANDFILL OPERATIONS MANAGER

CONTAMINATED/SATURATED SOIL STOCKPILE AREA THE CONTRACTOR TO DETERMINE SIZE OF AREA ONCE THE TOTAL QUANTITY OF MATERIAL TO BE REMOVED IS DETERMINED. STOCKPILE AREA TO BE BERMED AND COVERED WITH 2 LAYERS OF 6 MILL PLASTIC PRIOR TO STOCKPILING MATERIAL

ALTERNATE A2
 CONTAMINATED SOIL STOCKPILE AREA STOCKPILE TO BE COVERED WITH 6 MILL PLASTIC AFTER STOCKPILING MATERIAL

AS BUILT
 1565.00
 152.81
 19.60
 DC= 10°08'27"

GRANT COUNTY PUBLIC WORKS DEPARTMENT 24 ENTERPRISE ST SE BURLINGAME, WASH STATE 98622 360 754-6042 FAX 360 754-6081		NEVA LAKE ROAD CONSTRUCTION PROJECT		CRP 10-08		
		DESIGNED BY	BOB BERSANTI		DESIGNED BY	BOB BERSANTI
		DRAWN BY	BOB BERSANTI		CHECKED BY	DEREK WOLFE
		REVISIONS BY			DATE REVISED	
				SHEET 5 OF 6		