

SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

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:
Interim Action under Agreed Order for Remedial Investigation/Feasibility Study (RI/FS)—Free Product Recovery and Underground Storage Tank Removal
2. Name of applicant
Washington State Department of Ecology (Ecology) – Toxics Cleanup Program, Central Regional Office

3. Address and phone number of applicant and contact person:

**Washington State Department of Ecology
Toxics Cleanup Program – Central Regional Office
1250 W. Alder St.
Union Gap, WA 98903-0009
Contact Person: John Mefford, Cleanup Project Manager,
john.mefford@ecy.wa.gov, (509)454-7836**

4. Date checklist prepared:

August 25, 2016

5. Agency requesting checklist:

Washington State Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable):

The interim action for free product recovery and underground storage tank (UST) decommissioning will occur after the mandated 30-day public comment period has concluded. Ecology expects field implementation to begin sometime in the time period from September 26 through October 31. The interim action is tentatively expected to continue over a period of six months or approximately until March 2017.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

This interim action is a component of the remedial activities occurring under the current Agreed Order.

Currently, a Remedial Investigation (RI) is being conducted under this Agreed Order. The completion of the RI/FS will yield information to evaluate cleanup action alternatives under a Feasibility Study (FS).

The selection of cleanup actions and/or components will be identified in a final cleanup action plan (CAP) and another agreement will govern implementation and 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.

Following the interim action, the Remedial Investigation will be completed and the findings from that investigation including the interim action work will be incorporated into a Remedial Investigation and Feasibility Study report.

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.

An electrical permit may be required. A sewer permit may also be required.

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.)

The purpose of the proposed interim action is mitigation of subsurface contamination caused by petroleum hydrocarbons released to the environment through the UST system. The interim action will consist of installation and operation of a free product recovery system. UST decommissioning will also be conducted as part of the interim action. The total area of the property is approximately 1.05 acres; however, the area expected to be impacted is less than 50% or about 0.5 acres.

A free product recovery trench will be constructed at the portion of the site near the south property boundary. The trench will be approximately 90 feet long by 2 feet wide, and will extend to a minimum depth of 7 feet.

The UST system consists of four tanks that are distributed within three areas as shown on the site diagram. Two dispenser areas will also be demolished as part of the UST decommissioning. Distribution piping that connects the UST areas with the dispensers will also be decommissioned.

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.

- **Site Address: 1611 S. Canyon Road in Ellensburg, Kittitas County, Washington**
- **Location: Section 11, T 17 N, R 18 E, Willamette Meridian**
- **Kittitas County Assessor's Parcel Number: 958654**
- **The assigned Ecology identification numbers for this site are:**
 - **Facility Site ID – 386**
 - **Cleanup Site ID – 4901**
- **The property is approximately 510 feet long by 90 feet wide, covering approximately 45,900 square feet or approximately 1.05 acres. The known site consists of a portion of the entire parcel. The property is bounded by private property to the north and south, by Canyon Road to the east, and by the BNSR Railway Company right-of-way to the west.**
- **See attached site diagram.**

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site

(circle one): Flat rolling, hilly, steep slopes, mountainous,
other _____

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

The slope across the site is approximately 0.0%.

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.

According to the USDA NRCS Soil Survey, the native soil generally consists of the Brickmill gravelly ashy loam. However, the soil logs derived from monitoring well installation and test pits show that the subsurface geology consists of brown, medium to coarse, gravelly SAND and sandy, coarse GRAVEL and cobbles from the surface to about 10 feet bgs.

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.

The purpose of the proposed interim action is mitigation of subsurface contamination caused by petroleum hydrocarbons released to the environment through the UST system. The interim action will consist of installation and operation of a free product recovery system. UST decommissioning will also be conducted as part of the interim action. Removal of petroleum-contaminated soil at and adjacent to the USTs will also be conducted. The total area of the property is approximately 1.05 acres; however, the area expected to be impacted is less than 50% or about 0.5 acres.

A free product recovery trench will be constructed at the portion of the site near the south property boundary. The trench will be approximately 90 feet long by 2 feet wide, and will extend to a minimum depth of 7 feet. Trenching will be performed by backhoe.

The UST system consists of four tanks that are distributed within three areas as shown on the site diagram (attached). Two dispenser areas will be demolished as part of the UST decommissioning. Distribution piping that connects the UST areas with the dispensers will also be decommissioned.

Clean overburden and contaminated soils will be kept segregated during excavation. The clean overburden, verified through field assessment, will be

reinterred and the contaminated soils will either be disposed promptly or will be temporarily stored pending disposal. The stockpile of contaminated soil will be placed on plastic over asphalt pavement and will be bermed using straw bales or equivalent materials. The stockpile will be covered at all times except during active excavation. Free liquids generated from the excavated soils will be recovered. If the liquid consists of free product, it will be stored and properly disposed per the appropriate regulations.

For the trench recovery system, the quantity of clean overburden will be about 30 cubic yards while the quantity of contaminated soil is estimated to be about 45 cubic yards.

The cubic yardage of excavated materials associated with the UST decommissioning is estimated to be about 1,500 cubic yards. Also, some concrete will be destroyed to remove the USTs.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. **Erosion is expected to be minimal or nonexistent based on the nature of activities planned, the seasonal timing of field work, and the predominant surface cover. However, soils may be temporarily stockpiled onsite prior to disposal at a permitted waste facility. Best management practices such as covering of soil piles, berms, hay bales and silt fencing will be implemented to mitigate potential effects of erosion. Excavated soils may be stockpiled but are expected to be disposed within a short time frame. There will be no long-term storage of contaminated soils over the winter. The short-term stockpile will be deposited on plastic sheeting over asphalt pavement.**
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **Currently, approximately 90% of the property is covered by impervious surface, either asphalt or concrete. About 50% up to about 60% of the property is expected to remain covered with impervious surfaces after the interim action.**
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: **Best management practices such as covering of soil piles, berms, hay bales sweeping, and silt fencing will be implemented to prevent or mitigate erosion or potential impacts offsite. The site is essentially flat but stockpiles may be used for temporary storage of overburden and contaminated soils. These stockpiles will be covered and bermed. Stormwater grates on the property will be protected from runoff by stormwater filter guards. Hay bales or equivalent materials may also be used to supplement prevention of sediment entry into the stormwater system.**

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.

Notable air emissions are not expected; however, a petroleum odor may be present occasionally as the UST removal and trenching proceeds. Vapor monitoring will occur during UST decommissioning and during the installation of the free product recovery system. Exposure of contaminated soils is expected during the UST decommissioning and the recovery system installation.

- 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:

Emissions and other air impacts, if assessed to be occurring, will be mitigated by changes in work practices and other measures including using odor-suppressing foam.

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.

The nearest surface water body is Bull (irrigation) Ditch which is located approximately 290 feet south-southwest of the southwest corner of the property. Bull Ditch empties into Wilson Creek which in turn flows into the Yakima River.

- 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.

Work is not expected over or in Bull Ditch; however, work will be performed within approximately 200 feet of Bull Ditch.

- 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; the north quarter of the property is within FEMA's Flood Insurance Rate Map (FIRM) Zone C, 100 year flood zone. However, the UST system and the free product recovery system are located on the south 1/2 of the parcel.

- 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; all wastes will be contained onsite and disposed of appropriately.

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 withdrawal for construction dewatering or other purposes is generally not expected to be required during the UST decommissioning or installation of the free product recovery system. However, there may be incidental removal of small quantities of groundwater associated with free product recovery during the UST decommissioning. Any quantity of groundwater recovered with the free product will be properly stored and disposed per the appropriate regulations.

- 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.

None; waste material will not be discharged into the ground.

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.

The planned work is not expected to substantially alter the existing stormwater runoff characteristics of the site. Other than the BMPs for site management, no additional measures will be implemented to control water runoff. The BMPs will address containment of the temporary stockpile, prevention of site trackout, and prevention of surface water runoff to the stormwater system.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.
- Stockpiled materials are expected to be short-term temporary prior to offsite disposal. With implementation of the BMPs, entry of waste material to ground or surface waters will be prevented. Field activities during UST decommissioning and free product recovery system installation will be observed. Ecology has stop-work authority if its personnel observe improper practices.**
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No; the surface grade is expected to remain essentially unchanged.

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

Impacts to surface, ground and runoff water are not anticipated. Drainage patterns will not be impacted.

4. Plants

a. Check the 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
- 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?

None anticipated with possible exception of minor grass and blackberry brambles or other noxious weeds.

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

None known

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

None

e. List all noxious weeds and invasive species known to be on or near the site.

None known with possible exception of blackberry brambles

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:
- mammals: deer, bear, elk, beaver, other:
- fish: bass, salmon, trout, herring, shellfish, other _____

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

None known

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

No, the site proper is not known to be part of a migration route.

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

None, project work is not expected to impact wildlife.

e. List any invasive animal species known to be on or near the site.

None are known.

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.

None are known at this time.

- 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 are known at this time.

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.

- 1) Describe any known or possible contamination at the site from present or past uses.

Petroleum hydrocarbons consisting of diesel and gasoline are present in soil and groundwater. Worker exposure is expected to be mitigated by implementation of the work plan with an associated worker health and safety plan (HASP). The HASP will require Level D personnel protective equipment at a minimum with contingency to upgrade to Level C with air-purifying respirator based on air monitoring. The work plan also calls for proper storage and handling of investigative derived wastes.

- 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.

Petroleum hydrocarbon-contaminated soils and groundwater may be encountered during the course of this investigation project.

- 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.

The currently-proposed configuration of the free product recovery system is expected to operate over a period of approximately six months. Recovered free product of mixed diesel and gasoline composition will be temporarily stored pending proper disposal.

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

None are expected to be required. However, spill materials will be stored onsite.

- 5) Proposed measures to reduce or control environmental health hazards, if any:
The Potential Liable Persons (PLP) and their environmental consulting agents including the UST decommissioning supervisor have prepared a Health & Safety Plan (HASP) to outline measures to prevent or mitigate environmental health hazards during remedial action. The work plan will be modified if there are proposed changes in site activities.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
An active rail line is near the west boundary of the property on which the site is located.
- 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.
Noise will be generated by earth-moving equipment such as a backhoe and dump trucks.
- 3) Proposed measures to reduce or control noise impacts, if any:
Workers will wear ear protection. The contractor will operate their equipment in daylight hours typically between the hours of 0700 and 1800 Monday through Friday.

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 currently commercial and has historically been used as gasoline station. The land use of the site is expected to remain commercial although the specific final development use is unknown at this time.
- 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 building onsite. See description on Kittitas County assessor's webpage.
- d. Will any structures be demolished? If so, what?

Demolition of the existing building is not expected during the initial stage of the interim action. Demolition of the above ground portion of the UST system including the dispenser islands will be performed prior to or during the UST decommissioning.

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

Commercial

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

The City of Ellensburg's official zoning map (2009) shows the land designated as Commercial-Tourist (C-T).

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

None known

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?

Three to six people are expected to actively work onsite on the project for its expected one week duration for UST decommissioning and installation of the free product recovery system.

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

None

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

None proposed

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

Changes affecting land use are not proposed.

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:

None

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?

At this time, the only proposed structure is the trench recovery system. The recovery system will generally be a subsurface feature with a minimum of two PVC sumps emplaced into pea gravel fill. The PVC sumps will have extensions up to two feet above ground surface. The sumps will consist of 5 feet of 8-inch diameter 20-slotted well screen placed from 3 to 8 feet bgs connected to 5 feet of blank riser that will extend to 2 feet above ground surface. In the event that the existing building is demolished, an additional structure may be constructed which will consist of a temporary garden-type shed to house an air compressor.

- 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 required

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Work will be performed during day-light hours.

- 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:

Not required, no work is planned for night time.

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 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 buildings are present on the site that are over 45 years old that are listed or eligible for listing.

- 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.

None known

- 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 cultural or historic resources are expected to be encountered.

- 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.

None proposed due to unlikelihood of encountering cultural/historic remains.

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.

Canyon Road, a main arterial for Ellensburg, is situated roughly north-south near the east boundary of the property. The nearest state highway is Interstate 90.

- 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?

There is no requirement for creating new parking spaces under this proposal.

- 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 (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?

1-5; peak volume is not known but is expected to be associated with offsite disposal of contaminated soil to a regulated facility.

- 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.

No

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

None required

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 required

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.

No other utilities are proposed other than an electrical line, either overhead or subsurface, to power an air compressor needed to operate the recovery system.

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: John Mefford

Name of signee John Mefford

Position and Agency/Organization Cleanup Project Mgr. Dept. of Ecology CRO/TC P

Date Submitted: 8/30/2016

D. supplemental sheet for nonproject actions

(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?

The investigation is not expected to cause these listed effects other than possible storage of investigation-derived wastes such as contaminated soil and/or groundwater.

Proposed measures to avoid or reduce such increases are:

Investigation-derived wastes will be stored and disposed of according to their applicable state and federal regulations. Free product and petroleum-contaminated soils (PCS) will be properly disposed according to the applicable regulations. Prior to disposal, the PCS will be profiled appropriately.

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

The investigation associated with the RI/FS is not expected to affect biota.

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

Not expected to be required.

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

The proposed investigation is not expected to deplete energy or natural resources beyond what is typically required for investigation. Energy use may include gasoline or diesel consumption to power service vehicles.

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

Engines can be powered off during non-usage.

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?

The proposed investigation is not expected to invoke action required for preservation of areas.

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

Not expected to be required.

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?

This phase of investigation is not expected to affect land and shoreline use.

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

Not expected to be required.

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

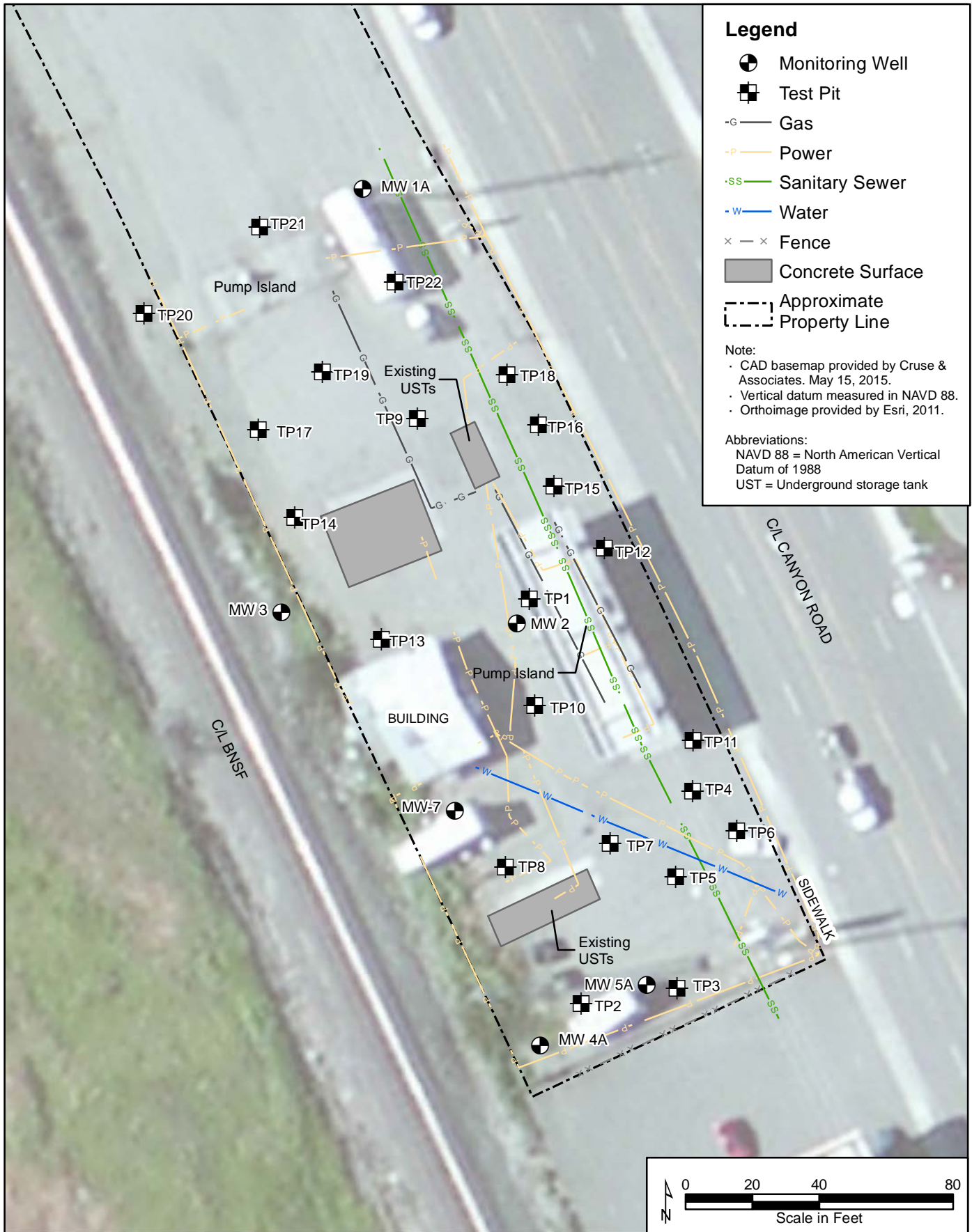
The investigation is not expected to increase demands on transportation or public services and utilities.

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

Not expected to be required.

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

This investigation is not expected to conflict with local, state, or federal laws or requirements for the protection of the environment.



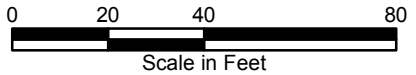
Legend

- Proposed 8-inch Sump
- Monitoring Well
- Piezometer
- Gas
- Power
- Sanitary Sewer
- Water
- Fence
- Approximate Property Line
- 0.07- Extent of LNAPL (Dashed Where Inferred)
- 0.10 LNAPL Thickness in Feet
- LNAPL Thickness Contour in Intervals of 0.01 Feet, 0.10 Feet, and 1.00 Feet
- Groundwater Flow Direction
- Approximate Extent of Proposed Recovery
- Trench Backfilled with Peagravel and Clean Overburden

Note:

- * No measurement due to LNAPL sock in well.
- LNAPL was gauged for but not detected in four piezometers installed on the North end of the Astro Express Site. Piezometer locations had not yet been surveyed and so were unavailable for overlay on this figure.
- CAD basemap provided by Cruse & Associates. May 15, 2015.

Abbreviation:
LNAPL = Light Non-Aqueous Phase Liquid



Scale in Feet

