

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:

Airport Kwik Stop (Ione) Site Interim Action – Soil Vapor Extraction and Air Sparge Pilot Test.

2. Name of applicant:

Washington State Department of Ecology

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

Huckleberry Palmer, Site Manager
Washington State Department of Ecology
Eastern Regional Office
4601 N Monroe
Spokane, WA 99205

hpal461@ecy.wa.gov

4. **Date checklist prepared:** June 1, 2015

5. Agency requesting checklist:

Washington State Department of Ecology

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

The project is scheduled to begin during July/August 2015 and will continue until completed.

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

The pilot test will be used to determine whether a full-scale system is appropriate for the Site. An alternative connecting the soil vapor extraction (SVE) and air sparge (AS) wells east of State Route 31 to the existing SVE/AS and treatment system located at the Airport Kwik Stop will only be used should the test results indicate the cleanup would benefit. The additional work would require installation of vacuum and air pressure pipe under State Route 31, and construction of SVE/AS manifold infrastructure east of State Route 31.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Site Characterization Report, Ione Petroleum Contamination	10/14/2010
Supplemental Site Characterization Report, Ione Petroleum Contamination	1/03/2011
Quarterly Groundwater Monitoring Reports	10/14/2010 - Present
Soil Vapor Extraction Pilot Test Report	6/11/2012
Remedial Investigation Feasibility Study	12/30/2013
Quarterly Interim Action SVE System Operation Airport Kwik Stop	12/03/2012 - Present
Soil Vapor Extraction and Air Sparge Pilot Test Report	Planned
Draft Cleanup Action Plan (DCAP)	Planned

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.

New Power Service (Pend Oreille County Public Utility District)
 Well Drilling permits (Washington State Department of Ecology)
 Dangerous Waste permits (Washington State Department of Ecology)
 Waste Disposal Authorization (County Health Department)
 WDOT right-of-way encroachment permit

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.)

Combined air sparge and soil vapor extraction will be pilot tested east of SR 31 and south of Dewitt Road, near the former Cabin Grille. This will require the additional installation of one air sparge well to be located south of existing monitoring well MW-5. A new metered electrical service will be installed to operate the pilot SVE/AS equipment. This will require the insatallation of one or more power poles to safely make the electrical connection to the pilot system. The pilot SVE/AS equipment will be trailer-mounted. Major components of the system will include blower(s) for SVE/AS, knockout drum for moisture removal, manifold and piping to connect SVE and AS wells, and a catalytic oxidizer. Extracted soil vapor will be treated with a catalytic oxidizer and (if polishing is needed) activated carbon filters.

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 project location address is:
2102 HWY 31
Ione, WA 99139

The interim action work will take place in the following areas:
Portions of Sections 7, 8, 17; Range 43 East; Township 37 North

The legal description: 3-70 F2 C3 LOT 1 REVISED BY BLA 05-19 HEATON/PRATT

The project location is included on the Historic Property Inventory Map attached to the SEPA.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site

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

The site and surrounding area are typical of glacial terrace deposits. The topography is generally flat to hilly with a gentle slope to the east toward the Pend Oreille River. The proposed interim action will be located in a low area known as a glacial kettle.

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

The steepest slope is approximately 10 percent along the Pend Oreille River.

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.

The soils on the site and in the general area of the project location are mapped by Pend Oreille Soil Conservation District as Sacheen loamy fine sand. The soils are comprised of sandy fluvio-glacial deposits formed on terraces.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are no surface indications or history of unstable soils in the immediate vicinity.

- 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.

There are no excavations planned for the current work. In the event the alternative work including piping under SR 31 is conducted, a trenchless technique would be used to install SVE/AS main pipes under SR 31. Trenches would be excavated to install piping to SVE/AS well east of SR 31 and south of Dewitt Road. Soils excavated from trenches would be returned to the excavation after the installation is complete. No additional fill would be required.

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

There will be no clearing for this project. Mobile equipment will be staged on a flat, grass-covered area.

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

None; the completed project will not change the current surface conditions on the project site.

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

There are no plans. Standard construction practices will be followed if the pilot test results require implementation of the 2nd phase. The bid specification will address the requirements for any excavation or construction work requiring erosion control.

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.

The pilot SVE system will emit between 100 and 150 cubic feet per minute of treated SVE exhaust into the atmosphere. Vapor containing volatile organic compounds from gasoline and gasoline breakdown products would be pulled up from underground and passed through a catalytic oxidizer. The only criteria pollutant expected to be present to a meaningful degree would be volatile organic compounds (VOCs). The exact chemical composition of the SVE vapor is very difficult to predict. It is suspected that several toxic air pollutants (TAPs) will be present in the untreated vapor, including benzene, ethylbenzene, trimethylbenzenes, and xylenes. The catalytic oxidizer would remove over 99% of VOCs from the vapor stream, by converting them into water and carbon dioxide.

The pilot air sparge system will function by injecting air into the groundwater, to promote volatilization of VOCs from the groundwater and up through the vadose zone. In air sparge operations, there is the potential to cause vapors to migrate to the surface or to underground collection points. The SVE system is designed to capture VOCs released into the vapor phase by the air sparge. Migration of vapor will be monitored for in vapor monitoring wells and in the crawl space under the former Cabin Grille building.

The implementation of the interim action will produce equipment emissions from engine exhaust during the drilling. Additional trips to the site will be required during the initial startup of the operation.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No off-site emissions or odor in the area that could affect the proposal are known.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Vehicular emissions will be controlled by standard, factory provided filtration equipment. SVE exhaust will be treated by a catalytic oxidizer and (if polishing is necessary) activated carbon filters. The system can be diluted with air to result in less petroleum contaminated vapor to be drawn from underground, allowing for more complete destruction by the catalytic oxidizer.

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)?

The Pend Oreille River is located approximately 1300 feet east of the subject property. There are no seasonal or year round streams in the immediate area of the proposed project.

If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The Pend Oreille River flows north into Canada where it merges with the Columbia 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.

No work will be required over or within 200 feet of any water body.

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.

No filling or dredging of surface water sediments is planned.

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

No surface water withdrawals or diversions will be required.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

The project does not lie within a 100-year floodplain.

- 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 discharge of waste material will be made to surface waters.

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.

This work is part of a cleanup action to improve the quality of groundwater in the area contaminated by spilled gasoline. Although no water will be withdrawn from a well as part of this work, water will continue to be withdrawn from area environmental monitoring wells as part of ongoing monitoring of interim action effectiveness. 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.

There will be no discharges to 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 proposed project will not generate any stormwater runoff.

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

The project will not call for the handling of materials that could enter ground or surface waters (fuel, etc.).

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No, the project will not include grading or surface alterations.

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

Surface and runoff water will not be produced during completion of this project.

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?

No vegetation will be removed or altered.

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

There are no known threatened and endangered species in the project area.

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

No landscaping will be needed as a result of the completed project.

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

There are no noxious weeds in the immediate project area.

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: grey wolf
fish: bass, salmon, trout, herring, shellfish, other _____

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

The grey wolf is an endangered species. The regional area of the site is noted as habitat for the grey wolf. The rural area population allows the grey wolf to easily move about the area.

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

The area is part of the Pacific Flyway. However, nesting has not been observed in the Site area. The project location being populated may discourage nesting in the immediate area.

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

There are no plans.

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

None 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.

The completed project will require electric power to operate a blower and the catalytic oxidizer. The Pend Oreille Public Utility District will be coordinated with to provide a metered electrical service for the project.

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

No, the project will use temporary mobile equipment that is not tall or large enough to block significant incoming solar radiation.

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:

Piping resistance and blower size have been optimized to reduce energy consumption.

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:

This proposal is part of a cleanup action to address groundwater contamination in the area that is affecting drinking water wells. There will be air emissions associated with the operation of the SVE/AS system – however, these will be controlled by capture in the SVE system and treatment via catalytic oxidizer.

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

The ground water beneath the site is impacted by the release of petroleum product from the Airport Kwik Stop. Currently, several properties including the former Cabin Grill Restaurant water supplies are treated by carbon filtration systems that remove the petroleum from the water prior to use.

- 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 contaminated soil and groundwater may be encountered in the installation of the air sparge well. Standard industry practices will be used to avoid exposure. A safety plan will be developed to avoid exposure to untreated SVE vapor.

- 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.

Condensate from the SVE vapor may collect in the knockout drum during pilot operation. If this occurs, condensate water will be tested and disposed of by properly certified, trained professionals.

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

The project requires a Health & Safety Plan (HASP). The HASP will outline emergency procedures and requirements in the event of a spills or accidents. The plan will list emergency contact numbers and locations of emergency services. All workers will be familiarized with the HASP. The project should not require any emergency services from the local area.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

The HASP and work plan will outline the measures to reduce impacts to the environment and protect environmental and human health.

b. Noise

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

Noise from the adjacent highway and air traffic from the lone Airport will not have an adverse impact on the project.

- 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.

The noise will be limited in duration during the drilling. A blower will be use to operate the SVE/AS system. Sound pressure generated by the blower will be approximately 65 dBA at a distance of 1 meter. The blower will operate continuously during pilot operations.

3) Proposed measures to reduce or control noise impacts, if any:

Exhaust from the SVE system will be muffled to reduce noise impact to the immediate area.

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 current use of the site is residential.

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?

The project site has not been used as farmland and will not used as farmland upon project completion.

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:

The project will not affect the surrounding farms or forest lands.

c. Describe any structures on the site.

The site currently has several buildings. The main building (former restaurant) was converted to a family residence.

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

The project will not remove any structures on the subject property.

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

Current zoning classification of the site is R-5.

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

Current comprehensive plan designation for the site is R-5.

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

The site is not within 200 feet of the Pend Oreille River and is not subject to shoreline master program.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

No part of the site has been classified as a critical area by the city or county.

- i. Approximately how many people would reside or work in the completed project?

The proposed project will have no affect on the current or future population of the site.

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

The proposed project will have no affect on the current or future population of the site.

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

No displacement impacts have been identified for the project.

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

The project is designed to improve the shallow ground water conditions beneath the site by removal of the petroleum contamination. The completed project will improve existing and future land use by the removal of the petroleum contamination. Once the project is completed the infrastructure for the project will be removed and the property returned to the original conditions.

- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The project is not near agricultural or forest lands of long-term significance.

9. Housing

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

None planned. Housing is not needed for the project.

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

Housing will not be eliminated by the project.

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

Housing impacts are not anticipated.

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?

The project does not include construction of any structures.

- b. What views in the immediate vicinity would be altered or obstructed?

The view will not be affected or altered by the interim action.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

There are no measures or plans in place.

11. Light and glare

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

The project will not produce light or glare.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

The project will not produce light or glare.

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

Off site sources of light should not have an impact on the project. Light sources off site include airport lights and vehicle lights on the adjoining roads and highway.

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

The project will not produce or be impacted by light or glare.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

The general area provides access to fishing, camping, hiking and boating. The project area has no direct impact on any of the recreational opportunities.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No existing recreational uses would be displaced.

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

The project will not impact recreational opportunities.

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.

One site within a two-mile radius of the subject interim action is listed on the historic property register. The property, the Mellott Phillip Barn, is located across the Pend Oreille River south of the proposed interim action. The area at large has numerous sites which are included on the Historic Property Inventory. The sites on the inventory list include: homes; bridges; schools; and stores. The attached map shows the project location in relationship to the historic registered site as well as five of the inventoried sites. All of the listed inventoried sites with the exception of the Lone Bridge did not qualify for the historic register. A determination has not been made for the Lone Bridge. Native American land sites were not identified in the project area.

- 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.

The project site is located approximately 1300 feet west of the Pend Oreille River and may include historic Native American sites. The project area is located in an area previously developed and disturbed.

- 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.

As part of the investigation to determine if the site has cultural significance the Washington Information System for Architectural and Archaeological Records Data (WISAARD) was used. There were no records available for Indian sites or usage. The nearest site on the Historic Register is the Mellott Phillip Barn approximately 2 miles southeast of the interim action.

- 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.

During the work if any Indian artifacts or historic sites are discovered the work will be stopped and the appropriate agencies 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.

The site is accessed by State Route 31 and Dewitt Road. No new access points will be required for the project. All equipment and vehicle traffic will use existing roads and access points.

- 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?

The site/area is not serviced by public transportation. The nearest public transportation may be available in Newport, WA approximately 55 miles to the south. Otherwise, the nearest public transportation would be in Spokane, WA approximately 80 miles to the southwest.

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

The completed project will not eliminate nor create any parking spaces.

- 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).

The proposed project will not make any improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities. The project will be conducted on private property and use all existing access points.

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

No water, rail or air transportation will be used by the project.

- 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?

Currently one or more trips per month between Spokane and the Site are required to maintain the SVE interim action at the Airport Kwik Stop. The proposed project may require additional trips in excess of the current schedule. The initial start-up of the interim action will require daily trips to monitor the progress. Trips to the site will be combined where possible to reduce the impact to the environment.

- 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, the project will not have an effect on the movement of agricultural and forest products.

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

Efforts will be made to reduce trips to the project site.

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.

The proposed project would not create any additional need for public services.

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

Impacts on public services are not anticipated.

16. Utilities

a. Circle utilities currently available at the site:

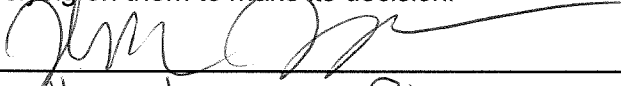
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other (private well)

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.

The proposed project will require the use of on-site electricity for the blower(s) and catalytic oxidizer. A metered electrical service will be provided from the Pend Oreille County public utility district. The location of the pilot SVE/AS system will require overhead power to be brought from the existing conductors along Dewitt Road. One or more power poles will need to be placed to accomplish this.

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 Huckleberry Palmer

Position and Agency/Organization Site Manager/Dept. of Ecology

Date Submitted: 6/17/2015



LEGEND

- Register Properties (Points) ●
- Register Properties (Lines) —
- Register Properties (Polygons) ▭
- Heritage Barns ▭
- Register Districts ▭
- County Boundaries ▭
- World Street Map ▭
- HPI Locations ●

- Historic Property Inventory**
1. Tiger Store
 2. Ione Bridge
 3. Eaveart Residence & Outbuildings
 4. Carolyn Guthrie
 5. Dick Dickamore



Title: Ione Project Area

Description:



NAD83 State Plane Washington South (HARN)

DISCLAIMER: This map is for reference purposes only. All distances and locations are approximate.



