

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

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

Instructions for applicants:

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

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

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

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

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

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

A. BACKGROUND

1. Name of proposed project, if applicable: **ConocoPhillips Renton Terminal**
2. Name of applicant **Stantec Consulting Corporation on behalf of ConocoPhillips**
3. Address and phone number of applicant and contact person:
**Chris Gdak, Stantec Consulting, 12034 134th Court NE #102
Redmond, WA 98052 (425) 298-1023**
4. Date checklist prepared: **6/02/2010**
5. Agency requesting checklist: **Washington State Department of Ecology (WSDOE)**
6. Proposed timing or schedule (including phasing, if applicable):
Immediately
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Future additions or expansion are possible depending on the extent of the release.

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

A Release Notification Report was submitted to WSDOE on Feb. 11, 2003. Semi-Annual Groundwater Monitoring Reports, which include O&M/performance data for the existing remediation system (the System) are also submitted to WSDOE.

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.

An Agreed Order is currently being negotiated between WSDOE, ConocoPhillips and ExxonMobil that includes the scope, schedule and deliverables required to attain site closure.

10. List any government approvals or permits that will be needed for your proposal, if known.

Existing permits for System operation include PSCAA Air Permit No. 9648 and King County Discharge Permit No. 4057-02. The operating parameters and/or compliance criteria for those permits may change based on activities performed pursuant to the Agreed Order.

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 existing site remediation system (The System) at the Site includes dual phase extraction (DPE) and groundwater extraction (GWET) technologies. The DPE system recovers gasoline vapors which are treated with vapor-phase carbon. The groundwater extraction system recovers petroleum-impacted groundwater which is treated via air stripping and liquid-phase carbon.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Site address is 2423 Lind Avenue SW, Renton, WA, 98055. A figure showing the Site location and surrounding area is attached.

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B. ENVIRONMENTAL ELEMENTS

I. 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)?

Site is flat except for manmade features. Slope is zero percent.

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

Site lithology generally consists of 8-10 feet of gravelly sand fill overlying **native** silts.

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

As the Site is mostly flat, there are no slope stability issues at the Site, nor have other types of soil instability been observed.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

N/A

- 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)?

Future modifications to the existing System are not expected to create additional impervious surfaces.

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

N/A

- a. 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.

The existing System produces hydrocarbon emissions during recovery of vapor from hydrocarbon-impacted soil and groundwater. Emissions are treated prior to discharge in accordance with the existing PSCAA permit.

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

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

Currently, hydrocarbon vapors extracted from the treatment system are treated with vapor phase carbon.

he treatment system is permitted under Puget Sound Clean Air Agency (PSCAA) permit No. 9648.

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.

Wetland areas are located to the southeast and west of the site. Tributaries of the Black River are located approximately 500 feet to the west.

- 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.

Based on review of available satellite maps, the wetland area to the southeast appears to be more than 200 feet from the nearest existing recovery well. However, future modifications or enhancements to the remediation system may place recovery well closer to the southeast wetland area.

- 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

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

Based on information obtained from the King County, WA floodplain maps, the western portion of the Site, which contains the terminal office and parking areas is in a 100-year floodplain. However, the tank farm and Stantec-operated remediation System are both outside of the 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

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.

Petroleum-impacted groundwater has historically been extracted, treated and discharged to the sanitary sewer. The average historic flow rate is approximately 1 gallon per minute.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals: ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? if so, describe.

N/A

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

Waste materials extracted by The System could potentially enter ground or surface waters, however, The System is checked by Stantec personnel semi-weekly and is equipped with safety and environmental controls that make such a potential release highly unlikely.

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

N/A

4. Plants

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

- _____ deciduous tree: alder, maple, aspen, other
 _____ evergreen tree: fir, cedar, pine, other
 _____ shrubs
 _____ grass
 _____ pasture
 _____ crop or grain
 _____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
 _____ water plants: water lily, eelgrass, milfoil, other
 _____ other types of vegetation

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

None

c. List threatened or 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

5. Animals

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

- birds: hawk, heron, eagle, songbirds, other: **Crows**
 mammals: deer, bear, elk, beaver, other:
 fish: bass, salmon, trout, herring, shellfish, other:

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

Unknown

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

Unknown

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

NIA

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.

Currently the site uses electricity to power the vapor extraction blower, air stripper blower and the compressor that powers the pneumatic groundwater extraction pumps.

- 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:

N/A

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal?

If so, describe.

Potential environmental health hazards resulting from System operation include fire, explosion and spillage of petroleum related wastes, however, the System is checked by Stantec personnel semi-weekly and is equipped with safety and environmental controls intended to minimize such hazards. All vapor and water discharges from the system are treated and within the limits of the aforementioned permits.

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

None Anticipated

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

NIA

b. Noise

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

The Site is an active bulk petroleum distribution facility. Noises include inbound and outbound tractor trailer traffic and machinery that transfers product from the storage tanks to the loading area. None of these noises have historically affected system operation.

- 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)? indi-

cate what hours noise would come from the site.

Current operation of pumps and blowers produces noise less than or equal to noise produced by routine Site traffic and equipment.

3

) Proposed measures to reduce or control noise impacts, if any: N/A

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

The Site is a bulk petroleum distribution facility located in an industrial area. An Olympic Pipeline Pumping Station is located immediately to the north of the Site.

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

Unknown

c. Describe any structures on the site.

The site contains 7 above ground storage tanks, with associated underground piping, and an equipment control/office.

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

No

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

Industrial

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

Industrial

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?

None

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

None

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

N/A

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

N/A

9. Housing

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

None

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

None

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

N/A

10. Aesthetics

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

Approximately 10 feet; N/A

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

N/A

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

N/A

11. Light and glare

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

N/A

- 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:

N/A

12. Recreation

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

None known

- 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:

N/A

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No

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

None known

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

N/A

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Lind Avenue SW and SW 27th Street

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

Unknown

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

N/A

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No

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

No

- f. Now many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

N/A

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

N/A

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

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

N/A

16. Utilities

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

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

Electricity is currently provided by Puget Sound Energy.
Sanitary sewer **service is provided by** King County.

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:

Date Submitted: 06/02/10

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Not Applicable - All past, present and proposed actions are 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.

- I. 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?

Proposed measures to avoid or reduce such increases are:

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

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

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

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

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?

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

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?

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

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

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

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