

## PART ELEVEN - FORMS

### 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: **Former Texaco Service Station No.21-1556**
2. Name of applicant: **Texaco Downstream Properties Inc. (TDPI)**
3. Address and phone number of applicant and contact person: **Amy Gilpin, (925) 543-5687  
6111 Bollinger Canyon Road, San Ramon, CA 94583**
4. Date checklist prepared: **5-28-2010**
5. Agency requesting checklist: **Washington State Department of Ecology**
6. Proposed timing or schedule (including phasing, if applicable): **Tentatively scheduled for mid October and lasting for 5-7 days.**
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.: **Sampling of ground water from monitoring wells will continue on site pending approval of completion from the Washington State Department of Ecology.**

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

**See attached Reference sheet with a list of environmental reports for the property.**

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.: **Lewis County grading permits.**

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 goal of this project is to remove all readily accessible soil on the Site containing COCs at concentrations exceeding the remediation levels for soil. This will be accomplished by excavating impacted soil posing a direct contact/incidental ingestion risk to humans and terrestrial ecological receptors. Two areas will be excavated on the Site in order to reduce the threat to human health and the environment by eliminating the two current pathways for exposure. These proposed excavation areas are outline in Figure 3 as Excavation 1 and Excavation 2. Excavated soil will be properly disposed, performance monitoring samples will be collected and analyzed, and clean backfill will be imported and compacted. This interim action is scheduled to occur in mid-October 2010 during low groundwater conditions.**

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.: **The site is located at 101 Mulford Road, Toledo Washington. T11N, R2W, section 23, Willamette Meridian. See Figure 1.**

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . . : **Generally flat and sloping to the south**
- b. What is the steepest slope on the site (approximate percent slope)? : **The percent slope of the site is approximately 1.04%**
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.: **Generally, the soil at the Site exhibits the characteristics of gravelly alluvial material with cobbles and interbedded layers of sand and silt. Data collected during drilling activities indicate that the site is underlain by sandy cobbles and gravel and gravelly sand with varying percentages of silt. The upper stratum varies in thickness from approximately 10 feet to at least 18.5 feet. Beneath the sand and gravels is a silt/clay layer of undetermined thickness.**
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.: **No**
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed.  
Indicate source of fill.: **Approximately 1800 cubic yards of soil will be removed and the excavation will be backfilled with clean imported soil from a yet to be determined source.**

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.: **Yes, erosion could occur from on-site stockpiles of soil. Otherwise the site is generally flat.**
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?: **Does Not Apply – No impervious surfaces will be installed as a part of the proposed project.**
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: **Stockpiled soil will be temporarily bermed with straw bales and covered with visqueen sheets at the end of each work day to prevent erosion and runoff.**

## 2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.: **Wind-blown dust and increased emissions from construction equipment are not expected to exceed a typical construction site. Mild fuel odors may be emitted during excavation of contaminated soils. Fence-line monitoring of hydrocarbon vapors will be performed to ensure vapors migrating offsite meet OSHA permissible exposure limits.**
- 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: **Any dust issue will be addressed with water spray, if necessary. Vapors from hydrocarbon contaminated soil will be monitored to protect workers. Fuel odors should be minimal off-site based on the degree of odors in samples obtained from site.**

## 3. Water

- a. Surface:
- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.: **No**
  - 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.: **No**
  - 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected.  
Indicate the source of fill material.: **Does Not Apply**
  - 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.: **Does Not Apply**
  - 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.: **Does Not Apply**
  - 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.: **Does Not Apply**
- 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.: **Impacted soil that is saturated will be temporarily stockpiled in a separate location on visqueen and sloped toward a temporary visqueen-lined sump placed adjacent to the saturated soil stockpile area so that accumulated water can be collected for disposal. The saturated soil will be allowed time to drain into the temporary sump before being loaded into trucks and transported offsite. .**

1) 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.: **Does Not Apply**

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.: **Site surfaces are generally permeable and no stormwater run-off is anticipated. Project activities will be conducted during a generally dry period of the year.**

2) Could waste materials enter ground or surface waters? If so, generally describe.: **The project entails the removal of petroleum impacted soils and will result in a net improvement in ground water quality.,**

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: **Straw bales will be placed around excavated soils, additional straw bales and silt fencing will be added if necessary.** Impacted soil that is saturated will be temporarily stockpiled in a separate location on visqueen and sloped toward a temporary visqueen-lined sump placed adjacent to the saturated soil stockpile area so that accumulated water can be collected for disposal. The saturated soil will be allowed time to drain into the temporary sump before being loaded into trucks and transported offsite.

#### 4. Plants

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

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

b. What kind and amount of vegetation will be removed or altered?: **Project areas are generally un-vegetated, but grasses and small shrubs may be removed to facilitate equipment access.**

c. List threatened or endangered species known to be on or near the site.: **None**

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:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other:

Birds, deer, snakes

- b. List any threatened or endangered species known to be on or near the site.: **None**
- c. Is the site part of a migration route? If so, explain.: **Does Not Apply**
- d. Proposed measures to preserve or enhance wildlife, if any: **None**

## 6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.: **Does Not Apply**
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.: **Does Not Apply**
- 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: **Does Not Apply**

## 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.: **Project entails removal of petroleum hydrocarbon impacted soils. Exposure to petroleum impacted soils and groundwater are potential risks. All exposure risks will be managed through site controls, monitoring, and OSHA Health and Safety procedures dictated by CFR 1910.**
- 1) Describe special emergency services that might be required.: **There are no unusual risks associated with this proposal. All personnel will be required to read and abide by the site specific Health and Safety Plan. Emergency medical contact numbers and directions to the nearest hospital will be listed in the plan and posted at the Site during construction.**
- 2) Proposed measures to reduce or control environmental health hazards, if any: **SAIC has prepared a site specific Health and Safety plan that addresses the risks associated with this work. The plan will outline the personal protective equipment to be worn by workers to reduce exposure and air monitoring equipment to be utilized onsite to monitor for combustible vapors. Public exposure to hazards will be mitigated through site controls and fence-line monitoring.**

### b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?: **The site is located alongside Interstate 5 in a currently operating service station and restaurant. Noise generated by excavation equipment and transport trucks can be expected, but should not exceed ambient background noise resulting from the adjacent interstate. All work will be performed during regular working hours i.e. 7 am to 5 pm, Monday through Friday. No weekend or early morning/late evening work will be performed.**
- 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.: **Construction noise associated with excavators and dump trucks are expected during a typical work day (7am – 5 pm).**

3) Proposed measures to reduce or control noise impacts, if any: **Restricted work hours.**

#### 8. Land and shoreline use

- a. What is the current use of the site and adjacent properties?: **The northern site is currently being used as a service station and restaurant, the southern site is a vacant lot. The adjacent lots are abandoned fields.**
- b. Has the site been used for agriculture? If so, describe.: **The site was used for agriculture from 1947-1955, the parcels were then subdivided into separate lots and leased for commercial use.**
- c. Describe any structures on the site.: **The northern site has a service station and restaurant, the southern site is devoid of any structure.**
- d. Will any structures be demolished? If so, what?: **Does Not Apply**
- e. What is the current zoning classification of the site?: **Commercial**
- f. What is the current comprehensive plan designation of the site?: **Does Not Apply.**
- g. If applicable, what is the current shoreline master program designation of the site?: **Does Not Apply**
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.: **No**
- i. Approximately how many people would reside or work in the completed project?: **0**
- j. Approximately how many people would the completed project displace?: **0**
- k. Proposed measures to avoid or reduce displacement impacts, if any: **Does Not Apply**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **Does Not Apply**

#### 9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.: **Does Not Apply**
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.: **Does Not Apply**
- c. Proposed measures to reduce or control housing impacts, if any: **Does Not Apply**

#### 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?: **Does Not Apply**
- b. What views in the immediate vicinity would be altered or obstructed?: **Does Not Apply**
- c. Proposed measures to reduce or control aesthetic impacts, if any: **Does Not Apply**

11. **Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?: **Does Not Apply**
- b. Could light or glare from the finished project be a safety hazard or interfere with views?: **Does Not Apply**
- c. What existing off-site sources of light or glare may affect your proposal?: **Does Not Apply**
- d. Proposed measures to reduce or control light and glare impacts, if any: **Does Not Apply**

12. **Recreation**

- a. What designated and informal recreational opportunities are in the immediate vicinity?: **Does Not Apply**
- b. Would the proposed project displace any existing recreational uses? If so, describe.: **Does Not Apply**
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: **Does Not Apply**

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.: **Does Not Apply**
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.: **Does Not Apply**
- c. Proposed measures to reduce or control impacts, if any: **Does Not Apply**

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.: **Site is accessed by driveways on Cowlitz Ridge Road and Mulford Eoad. See Figure 2.**
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?: **No**
- c. How many parking spaces would the completed project have? How many would the project eliminate?: **Does Not Apply.**
- 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. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.: **Does Not Apply**
- g. Proposed measures to reduce or control transportation impacts, if any: **Does Not Apply**

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.: **Does Not Apply**

16. **Utilities**

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.: **Does Not Apply**
  
- 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.: **Does Not Apply**

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:  Amy Eirin   
Date Submitted:  8/25/2010



## REFERENCES

(related to section A. Background, question 8.)

SECOR International Incorporated. 1995. Supplemental Investigation Report, Cowlitz BP Site. Prepared for Texaco Environmental Services. October 23, 1995.

SECOR International Incorporated. 1996. Vapor Extraction Test, Cowlitz BP Site. Prepared for Texaco Refining and Marketing Inc. October 26, 1996.

SECOR International Incorporated. 1997. Summary of the 1996 Intrinsic Bioremediation Sampling, Cowlitz BP Site. Prepared for Texaco Refining and Marketing Inc. September 12, 1997.

SECOR International Incorporated. 1999. Cleanup Action Plan, Cowlitz BP Site. Prepared for Equilon Enterprises, LLC. August 12, 1999.

SECOR International Incorporated. 2001. Cleanup Work Plan. Cowlitz BP Site. Prepared for Equiva Services, LLC. June 7, 2001.

SAIC. 2004. Identification of Possible Remedial Actions and Summary of Recent Soil Sampling, Former Cowlitz BP/Texaco Station #211556 in Toledo, Washington. Memorandum. Prepared for Washington State Department of Ecology. December 20, 2004.

SAIC. 2005. Summary of Source Area Soil Sampling, Cowlitz BP/Texaco Station #211556. Prepared for Chevron Environmental Management Company. March, 2005

SAIC. 2006. South Parcel, Chevron facility #211556, Cowlitz BP/Texaco, Toledo Washington. Memorandum. Prepared for Chevron Environmental Management Company. June 13, 2006.

SAIC. 2006. Cleanup Action Plan. Chevron facility #211556. Prepared for Chevron Environmental Management Company. July 2006.

Agreed Order No. DE5236. State of Washington Department of Ecology. Texaco Downstream Properties Inc.. Effective date 3/1/2010.

Washington State Department of Ecology, Well Logs. <http://apps.ecy.wa.gov/welllog/index.asp>