

**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: **State Toxics Cleanup Account – Residential Cleanup, 6719 South D Street, Tacoma, WA**
2. Name of applicant: **WA State Department of Ecology  
Toxics Cleanup Program, SWRO**
3. Address and phone number of applicant and contact person: **PO BOX 4775  
Olympia, WA 98504  
Contact: John M. Zinza, PE, Field Coordinator  
Tel: (360) 407 – 6249  
Email: jzin461@ecy.wa.gov**
4. Date checklist prepared: **February 25, 2013**
5. Agency requesting checklist: **WA State Department of Ecology**
6. Proposed timing or schedule (including phasing, if applicable):

**Soil remediation actions are scheduled to begin April or May of 2013**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **NO.**

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

**The soil contains lead levels above the Washington State Model Toxics Control Act standard for unrestricted land uses.**

**Tacoma-Pierce County Health Department issued a “Health Order” in September 2008.**

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.

**The Model Toxics Control Act (RCW 70.105D.090 Remedial actions – Exemption from procedural requirements.) exempts these projects from local permits that may be needed by cities or counties, however MTCA requires Ecology to meet the substantive requirements of the permits. Ecology will not apply for the below permits, but will interact with the jurisdiction as part of a plan to meet the substantive requirements of applicable permits.**

- 1. **City of Tacoma, Grading Permit:** Applicable since greater than 50 cubic yards (CY) of soil or more are moved.
  - a. 140 Cubic yards of soil will be excavated
  - b. The site is not within a critical area (TMC 13).
- 2. **City of Tacoma, Stormwater mitigation.** According to the City of Tacoma, mitigation of Stormwater may be applicable.

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.)

- 1. **6719 South D Street, Tacoma, WA, 98408.** Under the State Toxics Cleanup Account, Ecology will remove approximately 140 CY of contaminated soil (including a degraded sidewalk) from two areas on the property. Contaminated soils from Area 1 of approximately 900 square feet will be excavated to an initial depth of 24-inches. Contaminated soils from Area 2 of approximately 1,300 square feet will be excavated to an initial depth of 18-inches. Additional excavation may be warranted depending on confirmation sample results obtained from the initial excavation depth. The restored surfaces will match pre-project conditions consist of 1,900 square feet of hydroseed and 300 square feet of concrete sidewalk. Hydroseed will be applied on 12-inches of topsoil over gravel borrow to depth.

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.

- 1. **6719 South D Street, Tacoma, WA, 98408.** Legal Description: NW ¼ of Section 28 Township 20N Range 03E. Pacific Avenue Addition, Block 46, Lots 10 and 11. Parcel Number: 6615002550 Map attached.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . .

**1. 6719 South D Street, Tacoma, WA, 98408.** Generally flat.

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

**1. 6719 South D Street, Tacoma, WA, 98408.** Approximately 2% slope or less. The property is predominantly on the 380 foot contour.

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.

**1. 6719 South D Street, Tacoma, WA, 98408.** The NRCS soil webs site indicates that no digital data is available for the site. Soil types within a few miles of the include: **19B Kapowsin gravelly loam, 0 to 6 percent slopes; and 12A DuPont Muck.** The surficial soils in this residential development likely include imported sands and gravels. A sandy material was imported to the site during the 2008 work.

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.

**Lead contaminated soil will be removed from the site and replaced with clean soil from an approved offsite source (landscape material provider) selected by the contractor.**

**1. 6719 South D Street, Tacoma, WA, 98408** – Under the State Toxics Cleanup Account, Ecology replace excavated soils with approximately 140 CY of clean soils consisting of approximately 70 CY of topsoil to a depth of 12-inches and 70 CY of clean gravel fill underlying the topsoil. The work will include replacing an existing sidewalk of approximately 300 square feet and 4-inches thick and underlying structural fill. .

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

**It is unlikely that erosion will occur at the residential property due to the relatively small site work, surrounding vegetation, and levelness of the site. Restoration BMPs will include hydroseeding.**

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **The work will not change the amount of impervious surface on the site. An existing degraded sidewalk will be removed and replaced with new, since it will be too difficult to work around since it is broken up. The replacement concrete work is approximately 300 square feet.**

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

**Expedited work with a short work window. Watering soil if dry to reduce dust and implementing storm water BMPs.**

**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.

**Depending on the weather, a minor amount of dust may occur when removing the soil and replacing with clean soil. Emissions from construction equipment.**

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: **The sites will be watered, if needed, during construction to minimize dust.**

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. **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**
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. **NO**

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. **NO**
- 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**

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.

**No additional storm water runoff will be caused by the project.**

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

**Contaminated soils will be disposed of at a class D landfill that will be approved by the contractor and Ecology.**

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

**The Contractor will use BMPS including covering stockpiles and placing stockpiles on plastic. BMPS include extensive dust control measures and keeping equipment clean. Trackoff plates will be installed if necessary. Daily activities will include sweeping streets and shoveling any sediment off of the roadway. Stormwater drains will have filter fabric placed inside. Other Stormwater BMPs will be used to stop stormwater from leaving the site.**

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? **Grass will be removed and then replanted by applying seed through hydroseeding.**

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: **songbirds**
- mammals: deer, bear, elk, beaver, other: **likely squirrels and possibly raccoons**
- fish: bass, salmon, trout, herring, shellfish, other: **None**

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. **No**

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. **None**

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. **No.**

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: **None**

7. **Environmental health**

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

The soil that will be removed at the sites is contaminated with lead and copper from prior lead salvage activities. The following table indicates the average and maximum levels lead for the site. The values are reported in parts per million (ppm), those values that are bold indicate that we found samples above the State cleanup level of 250ppm for lead.

State Cleanup Level / Site Name	Lead Average	Lead Maximum	Copper Average	Copper Maximum
State cleanup level	250	500		
0-inches to six-inches bgs	<b>348</b>	<b>800</b>	60	230
12-inches to 18-inches bgs	140	<b>500</b>	19	25

bgs: below ground surface

1) Describe special emergency services that might be required. **None**

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

**Watering soil before and during construction to limit dust. Disposal of contaminated soils at Contractor and Ecology approved class D landfill. Construction workers will have 40 Hazardous materials training.**

**b. Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? **None**

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.

**Construction noises will occur during the soil removal and replacement. The hours of work will occur within the local jurisdiction noise ordinance hours. The Contractors typically work weekdays from 7:00 AM to 6:00 PM . The Contractor will not be allowed to work onsite on Saturday, Sunday, and Federal and State Holidays.**

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

**The Construction work is not expected to last more than one months during normal business hours.**

**8. Land and shoreline use**

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

**1. The current site is a vacant single family residence. The adjacent properties are part of an existing neighborhood of single family homes.**

b. Has the site been used for agriculture? If so, describe. **No**

c. Describe any structures on the site.

**1. The residential lot is 6,247 square feet in size and contains a single family residence, a detached garage and a shed.**

d. Will any structures be demolished? If so, what? **No**

- e. What is the current zoning classification of the site? **1101-Single Family Dwelling** .
- f. What is the current comprehensive plan designation of the site? **N/A**
- 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, the project does not change the current single family use of the property.**
- j. Approximately how many people would the completed project displace? **None**
- k. Proposed measures to avoid or reduce displacement impacts, if any: **None**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:  
**The proposed project will make the subject property more compatible with future occupancy since the contaminated soil will be removed and replaced with clean soil.**

#### 9. **Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.  
**N/A**
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **N/A**
- 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? **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? **NONE.**
- 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: **N/A**

#### 12. **Recreation**

- a. What designated and informal recreational opportunities are in the immediate vicinity?
- **Wapato Park and Lake are approximately 9/10 of a mile west of the site,**

- **Alling Park is approximately ¾ of a mile northwest of the site,**
- **Stewart Heights Park is approximately ¾ of a mile northeast of the site,**
- **Charlotte's Blueberry Park is approximately 6/10 of a mile southeast of the site,**
- **Ryan's Park is approximately 6/10 of a mile south of the site,**
- **Harmon Park is approximately 9/10 of a mile south southwest of the site,**
- **South End Neighborhood Center is approximately 9/10 of a mile southwest of the site.**

- 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 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.
- **Fire Station No. 10 is approximately 1,650 southwest of the site,**
  - **Hendrickson Homestead is approximately 1 and 4/10 mile northeast the site,**
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. **NONE**
- c. Proposed measures to reduce or control impacts, if any: **NONE**

### 14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. **See Maps. South D Street is accessed from S 72<sup>nd</sup> Street about 1 ¼ mile east of I-5.**
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
- **Pierce Transit bus route 45 runs north / south Yakima and Thompson and crosses E72nd, west of the site.**
  - **Pierce Transit bus route 1 runs north / south on Pacific east of the site.**
  - **Pierce Transit bus route 202 runs east / west on E 72nd south of the site.**
  - **Pierce Transit bus route 56 runs east / west on 56th Street north of the site.**
- c. How many parking spaces would the completed project have? How many would the project eliminate? **None**
- 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. **None**
- g. Proposed measures to reduce or control transportation impacts, if any: **None**

### 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.
  - **Park Ave Center Elementary is about 700 feet west of the site (6701 S Park Ave). The Contractor will need to exercise care during school start and end times.**

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
  - **Electricity, water, refuse service, telephone and sanitary sewer connect to the property, but might not be active due to the property being vacated.**
- 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. **None**

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 M. Rinza* .....

Date Submitted: ..... *February 27, 2013* .....

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not 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?

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?

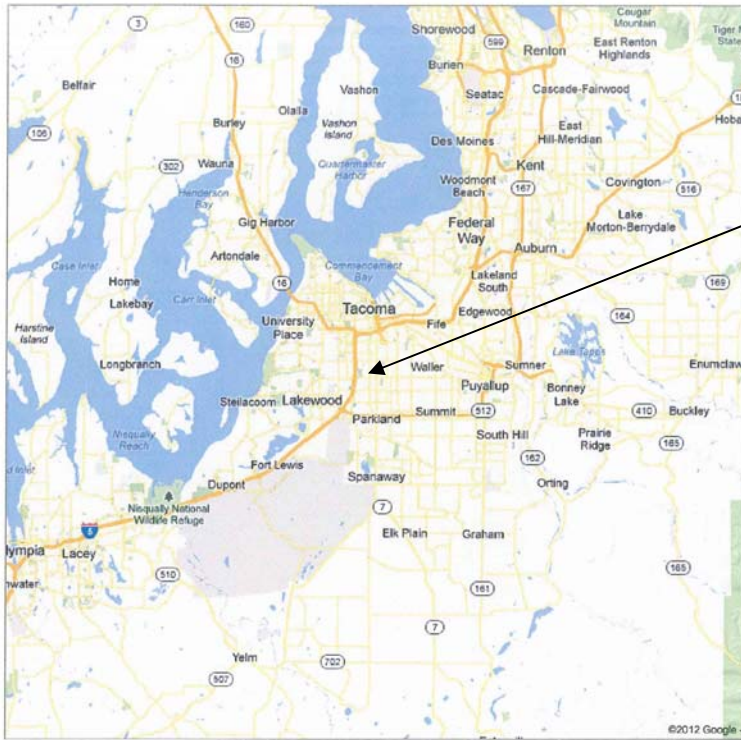
Proposed measures to avoid or reduce shoreline and land use impacts are:

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:

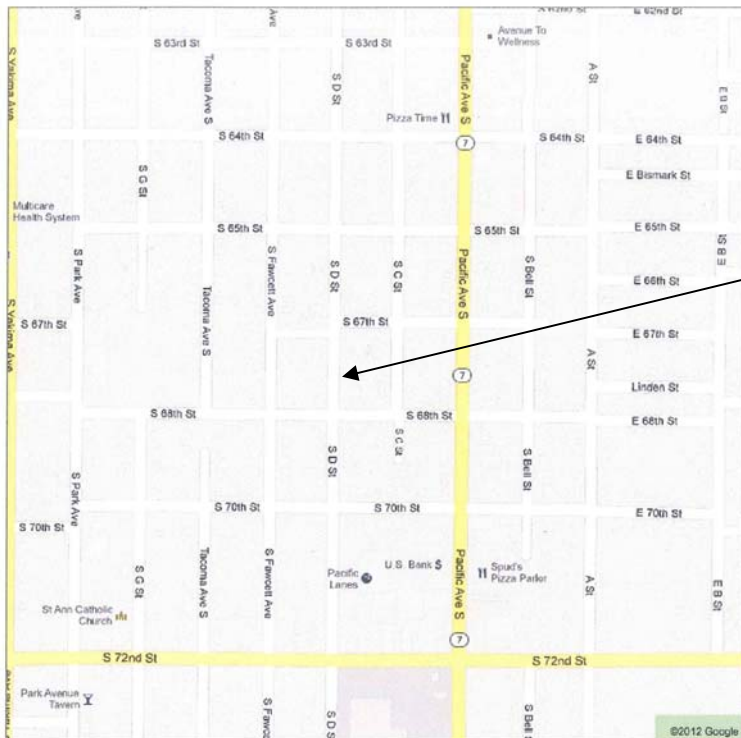
7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

### Project Vicinity Map



**6719 S D Street  
Tacoma, WA**

### Project Location Map



**6719 S D Street  
Tacoma, WA**