

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: **Tacoma Smelter Plume, Soil Safety Program –2012 King County**
2. Name of applicant: **WA State Department of Ecology**
3. Address and phone number of applicant and contact person:
**PO BOX 4775
Olympia, WA 98504
Contact: Amy Hargrove, Soil Safety Program
Coordinator
Tel: (360) 407 – 6262
Email: ahar461@ecy.wa.gov**
4. Date checklist prepared: **April 04, 2012**
5. Agency requesting checklist: **WA State Department of Ecology**
6. Proposed timing or schedule (including phasing, if applicable):

Preliminary hand excavation sampling has been conducted to delineate contamination at each site. Contaminated soil remediation is scheduled to begin as follows:

1. **Camp Burton. 9326 SW Bayview Drive, Vashon Island, WA 98070 – May to June 2012, or Fall 2012.**

2. Dockton Beach Park, 9500 SW Dock Street, Vashon, WA 98070 – Fall of 2012.

3. Lake Grove Park, City of Federal Way. 833 SW 308th, Federal Way, WA 98003 – Fall of 2012.

4. Little Tree Montessori School. 21204 Monument Road, SW, Vashon, WA – June 2012.

- 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 arsenic or lead or both arsenic and lead above the Washington State Model Toxics Control Act standard for unrestricted land uses.**
- 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 exempts these projects from local permits that may be needed by cities or counties. We will need to meet the requirements as follows:

- 1. Camp Burton.** 9326 SW Bayview Drive, Vashon Island, WA 98070 – Project site is within the jurisdiction of the King County. Permits include Clearing or Grading Permit with Critical Area Review.
- 2. Dockton Beach Park.** 9500 SW Dock Street, Vashon, WA 98070 – Project site is within the jurisdiction of the King County. Permits include Clearing or Grading Permit with Critical Area Review and Flood Elevation Certification.
- 3. Lake Grove Park, City of Federal Way.** 833 SW 308th, Federal Way, WA 98003 – A City of Federal Way Clearing and Grading Permit is required.
- 4. Little Tree Montessori School.** 21204 Monument Road, SW, Vashon, WA – Project site is within the jurisdiction of the King County. A small project drainage review and residential Clearing or Grading Permit may be required.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

- 1. Camp Burton.** 9326 SW Bayview Drive, Vashon Island, WA 98070 – Under the Soil Safety Program, Ecology will remove approximately 1,500 cu yards of contaminated soil from an area approximately 41,750 sq ft primary consisting of existing lawn encompassing smaller play areas. In the existing lawns areas, the 12-inch deep excavation will be backfilled with clean topsoil and hydroseeded. The above area contains an existing drainage ditch, about 5-feet wide by 220 lineal feet long. This ditch will be restored with sod. In existing play areas pea gravel will be placed over geotextile fabric, from areas excavated 6-inches deep. A 440 square foot path will be excavated to a depth of 12-inches and restored with clean gravel fill. At the 1,750 square foot amphitheater a 6-inch layer of crushed gravel will be placed on geotextile fabric over existing gravel.

- 2. Dockton Beach Park.** 9500 SW Dock Street, Vashon, WA 98070 – Under the Soil Safety Program, Ecology will remove approximately 420 cu yards of contaminated soil from an area approximately 11,200 sq ft. The area will be backfilled with clean soil and hydroseeded. Concrete pads will be poured for the picnic tables.
- 3. Lake Grove Park.** City of Federal Way. 833 SW 308th, Federal Way, WA 98003 – Under the Soil Safety Program, Ecology will remove approximately 550 cu yards of contaminated soil from an area approximately 14,500 sq ft. The area will be backfilled with clean soil and hydroseeded.
- 4. Little Tree Montessori School.** 21204 Monument Road, SW, Vashon, WA – Under the Soil Safety Program, Ecology will remove approximately 65 cu yards of contaminated soil from an area approximately 3500 sq ft. The site will be backfilled with clean soil and sod and have a 570 sq ft gravel path.

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. Camp Burton.** 9326 SW Bayview Drive, Vashon Island, WA 98070 – Legal Description: BURTON ACRES ADD LOT 3 BLK 17 LESS NELY 130 FT ALL BLK 18 LOTS 2 3 & 4 BLK 19 ALL BLKS 20 & 21 TGW POR OF NW 1/4 STR 20-22-03 BEG 1457.57 FT S & 2120 FT E OF NW COR SD SEC TH S 37-15-00 W 50 FT TH S 52-45-00 E 290.82 FT TH N 35-27-00 E 350.15 FT TH N 52-45-00 W 278.88 FT TH S 37-15-00 W 300 FT TO BEG TGW ALL TD LDS ADJ & TGW PORS VAC STS ADJ LESS PORS TO KC FOR CO RDS . Quarter-Section-Township-Range: NW-20-22-3. Parcel Number: 1269200460. Map attached
- 2. Dockton Beach Park.** 9500 SW Dock Street, Vashon, WA 98070 – Legal Description: DOCKTON ADD 38 LESS S 100 FT & 38 A 48 THRU 53 & TRS 47 A THRU 51 A & 2ND CL TD LDS ADJ TO EXTREME LOW TIDE LESS CO RDS . Quarter-Section-Township-Range: NW-29-22-3. Parcel Number: 205120-0315. Map attached
- 3. Lake Grove Park, City of Federal Way.** 833 SW 308th, Federal Way, WA 98003 – Legal Description: W 250 FT OF E 580 FT OF SE 1/4 OF NW 1/4 LESS S 465.6 FT LESS CO RD TGW W 5 FT OF LOTS 1-2-4-5- 6-8 BLK 1 TGW W 5 FT OF LOT 3 BLK 3 MIRROR LAKE LANE ADD . Quarter-Section-Township-Range: SW-27-22-4. Parcel Number: 072104-9191. Map attached
- 4. Little Tree Montessori School.** 21204 Monument Road, SW, Vashon, WA – Legal Description: VASHON GARDENS ADD S 190.28 FT OF 19 & N 57 FT OF 20 PORTION CLASSIFIED AS TIMBER LAND PURSUANT TO CHAPTER 84.34 RCW Quarter-Section-Township-Range: NE-8-22-3. Parcel Number: 888600-0115. Map attached

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

- 1. Camp Burton. 9326 SW Bayview Drive, Vashon Island, WA 98070: Slightly sloped to moderately sloped**
- 2. Dockton Beach Park, 9500 SW Dock Street, Vashon, WA 98070: Slightly sloped to moderately sloped**

3. Lake Grove Park, City of Federal Way. 833 SW 308th, Federal Way, WA 98003 . Slight sloped

5. Little Tree Montessori School. 21204 Monument Road, Slight Slope

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

1. Camp Burton: Approximately 10% slope

2. Dockton Beach Park: Approximately 10% slope?

3. Lake Grove Park: Approximately 10 % slope

4. Little Tree Montessori School. 21204 Monument Road, This site has an approximate 25% slope.

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.

All Sites: General Soil Type: G7. Map Unit Description: slightly redder and more deeply weathered than soils in G6.
Major Soil Series: Alderwood-Everett-Harstine-Kitsap-Indianola.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **NO INDICATIONS WERE OBSERVED**

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

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

1. Camp Burton. Approximately 1,500 cu yards of contaminated soil from an area approximately 41,750 sq ft primary consisting of existing lawn encompassing smaller play areas.

2. Dockton Beach Park. Approximately 420 cu yards of contaminated soil from an area approximately 11,200 sq ft. The area will be backfilled with clean soil and hydroseeded. Concrete pads will be poured for the picnic tables

3. Lake Grove Park. Approximately 550 cu yards of contaminated soil from an area approximately 14,500 sq ft. The area will be backfilled with clean soil and hydroseeded.

4. Little Tree Montessori School. Approximately 65 cu yards of contaminated soil from an area approximately 3500 sq ft. The site will be backfilled with clean soil and sod and have a 570 sq ft gravel path.

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

Yes. Erosion could occur within the limits of the work and if BMPs are not implemented as appropriate for site conditions. The work planned for the above sites is ideal for implementing BMPs such as limiting the amount of clearing or short time frames for applying restoration measures such as seeding or sod placement. Soil disturbances by these project include clearing in previously developed areas such as existing lawns are playgrounds. If contaminated soils are removed, shallow cuts of about 12-inches are used to remove contaminated soils. On rare occasions isolated cuts of 12-inches to 24-inches below original ground surface are necessary to remove pockets of contaminated soils. Capping involves placing a 12-inch layer of topsoil and restored with seed or sod, on top of the existing ground surface. A short construction window is anticipated to minimize erosion potential.

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

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.

1. Camp Burton – Portions of the site work are within 100 feet from the shores of Quarter Master Harbor, Puget Sound.

2. Dockton Beach Park. The site work is about 50 feet from the shores of Quarter Master Harbor, Puget Sound.

5. Little Tree Montessori School. Ellis Creek is approximately 40 feet west of the site.

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.

YES. At the following sites. 1. Camp Burton; 2. Dockton Beach Park; and 5. Little Tree Montessori School.

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.

1. Camp Burton. 9326 SW Bayview Drive, Vashon Island, WA 98070. NO

2. Dockton Beach Park, 9500 SW Dock Street, Vashon, WA 98070 –YES, per King County IMAP.

3. Lake Grove Park, City of Federal Way. NO

4. Little Tree Montessori School. 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 if located on street or driveway. BMPs include sweeping Streets daily 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:

1. Camp Burton. Deciduous and evergreen (fir & cedar) trees, shrubs and grass.

2. Dockton Beach Park, Deciduous and evergreen (fir & cedar) trees, shrubs and grass.

3. Lake Grove Park, City of Federal Way. Deciduous and evergreen (fir & cedar) trees, shrubs and grass

4. Little Tree Montessori School. Deciduous and evergreen (fir & cedar) trees, shrubs and grass

b. What kind and amount of vegetation will be removed or altered? **Grass will be removed at all sites and then replaced either by sod or seed.**

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

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:

- 1. Camp Burton. Song birds, eagles, squirrel, deer, raccoons**
- 2. Dockton Beach Park. Song birds, eagles, raccoons, shell fish.**
- 3. Lake Grove Park, City of Federal Way. Song birds, squirrels and raccoons.**
- 4. Little Tree Montessori School. Song birds, squirrels and raccoons.**

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

c. Is the site part of a migration route? If so, explain. **Not Known**

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 arsenic or lead or both arsenic and lead from the Tacoma Smelter Plume. The following table indicates the average and maximum levels of arsenic and lead for each 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 20ppm for arsenic and 250ppm for lead.

State Cleanup Level / Site Name	Arsenic Average	Arsenic Maximum	Lead Average	Lead Maximum
State cleanup level	20	40	250	500
Camp Burton – Play Area 1	46.7	131	66.5	184
Camp Burton – Play Area 2 and 4	57.4	125	111	393
Dockton Beach Park	24.3	63.4	30.3	67.1
Lake Grove Park	35.4	67	495.2	11,000
Little Tree Montessori School	36.7	61	38.4	57

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

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

Watering soil 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 .

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

The Construction work not last more than two months during normal business hours.

8. Land and shoreline use

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

- 1. Camp Burton.** The Washington Baptist Church currently uses the property as a private resort, lodge, and retreat. Amenities include meeting spaces, dining facility, and lodging. The Vashon Park District owns large lots to the north. Single family lots, about a 1/2 acre in size border to the east and west. The shores of Quarter Master Harbor, Puget Sound touch the south side of the property.
- 2. Dockton Beach Park.** King County currently operates a county park on this property. Park facilities and amenities include: a marina, boat launch., access to forest and natural areas, site interpretation, beach access, picnic shelter, play area, and a rest room. The shores of Quarter Master Harbor, Puget Sound touch the north side of the property. Larger tracks of land owned by King County Parks border the site to the east and south east side. Private residential lots of various sizes border the property to the south and to the west. Dockton Road SW immediately borders the property on the south side of the site.
- 3. Lake Grove Park.** This property is a City of Federal Way neighborhood park. This day use park features a basketball court, natural area, picnic area, play area, and walking trail. The adjacent properties are single family residences.
- 4. Little Tree Montessori School.** A childcare facility with adjacent properties that are residential homes.

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

- c. Describe any structures on the site.

- 1. Camp Burton. Structures include meeting and dining facility, and multiple lodging structures (cabins).**

2. Dockton Beach Park. Structures include marina facility, boat launch, play area, picnic shelter, and a rest room.

3. Lake Grove Park. Structures include a basketball court, picnic area and play area.

4. Little Tree Montessori School. Residence combined school with playground toys.

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

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

1. Camp Burton. RA5.

2. Dockton Beach Park. RA10SO.

3. Lake Grove Park. SR6.

4. Little Tree Montessori School. RA5

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.

1. Camp Burton. YES. King County Imap indicates the following Sensitive Areas map portions of the sites: Areas Susceptible to Groundwater Contamination, and Sole Source Aquifer.

2. Dockton Beach Park. YES. King County Imap indicates the following Sensitive Areas map portions of the sites: SAO Erosion, SAO Landslide, Sole Source Aquifer, 100 Year Floodplain, and Areas Susceptible to Groundwater Contamination.

3. Lake Grove Park. YES. King County Imap indicates the following Sensitive Areas map portions of the sites: Areas Susceptible to Groundwater Contamination.

4. Little Tree Montessori School YES. King County Imap indicates the following Sensitive Areas map portions of the sites: Erosion, Areas Susceptible to Groundwater Contamination. A sensitive area notice is on the property title.

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

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 properties more compatible with any proposed future use since the contaminated soil will be removed and replaced with clean soil or covered with geotextile fabric and a covering material.**

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? **The project will not produce, increase or decrease light or glare.**

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?

1. Camp Burton. Camp Burton offers recreational opportunities on its property. Recreational opportunities are available on the Vashon Park District properties to the north. Quarter Master Harbor offers recreational opportunities.

2. Dockton Beach Park. This King County park offers recreational access to boaters, beach combing, and access to adjoining forest and natural areas.

3. Lake Grove Park. This City of Federal Way neighborhood park offers recreational use of a basketball court, picnic areas, play areas, and walking trails.

4. Little Tree Montessori School. NONE

b. Would the proposed project displace any existing recreational uses? If so, describe. **Only for a temporary period during construction.**

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

At the project sites identified, a Contractor will remove contaminated soils from playground and lawn play areas and restore the surfaces in kind.

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.
1. **Camp Burton.** Known places on the historic registers do not exist on or are located adjacent to the site. Historical sites in the proximity of the site include Shawnee House (about 8,800 feet to the southwest); and the John Hofmeister Barn (about 10,000 feet to the north northwest).
 2. **Dockton Beach Park.** There are interpretative panels onsite for the town of Dockton. These property may have been part of the original town. Historical sites in the proximity of the site include the Dockton Hotel (about 2,000 feet to the west).
 3. **Lake Grove Park.** Known places on the historic registers do not exist on or are located adjacent to the site. Historical sites in the proximity of the site include the Eric Gustave Sanders Mansion (about 6,800 feet to the southeast).
 4. **Little Tree Montessori School.** The site is approximately 3 miles from the Vashon Hardware Store.
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
1. **Camp Burton. NONE**
 2. **Dockton Beach Park. The property contains interpretative signs describing the historical use of the property and the area.**
 3. **Lake Grove Park. NONE.**
 4. **Little Tree Montessori School. 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**
1. **Camp Burton. SW Bayview Drive serves the site. Camp Burton entrances on both sides of the road provide access. Work occurs on both sides of the road.**
 2. **Dockton Beach Park. SW Dock Street and Dockton Road SW both serve the site. The existing park entrance provides access.**
 3. **Lake Grove Park. Military Road South connecting to S 272nd St and I-5 serve the site. Site access and parking is obtained from Military Road S.**
 4. **Little Tree Montessori School. SW 216th St and Monument Rd SW**
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
1. **Camp Burton. King County Metro Transit Bus Route 118 stops about one mile to the west at 104th Ave SW & SW Burton Drive.**
 2. **Dockton Beach Park. King County Metro Transit Bus Route 119 stops about 0.6 miles at SW 264th & 99th Ave SW.**
 3. **Lake Grove Park. King County Metro Transit A Line Bus Route stops about 0.4 miles from the site at Pacific Highway S & S 308th Street, Federal Way.**

4. Little Tree Montessori School. The site is located in King County and served by King County Metro Transit. The nearest stop is Vashon Highway SW and SW 204th St.

- 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.

1. Camp Burton, 2. Dockton Beach Park, and 5. Little Tree Montessori School: Dump trucks will transport removed contaminated soil and imported clean soil to the project sites utilizing the ferry system.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. **Not Known**
- g. Proposed measures to reduce or control transportation impacts, if any: **Possible hauling import and export in same truck to reduce the number of trips.**

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. **None**

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
 - 1. Camp Burton. Electricity, Water, Sanitary Sewer, Refuse Service, Telephone.**
 - 2. Dockton Beach Park. Electricity, Water, Sanitary Sewer, Refuse Service.**
 - 3. Lake Grove Park. Possibly electrical.**
 - 4. Little Tree Montessori School. Electricity, water, refuse service, telephone, and onsite septic system.**
- 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**

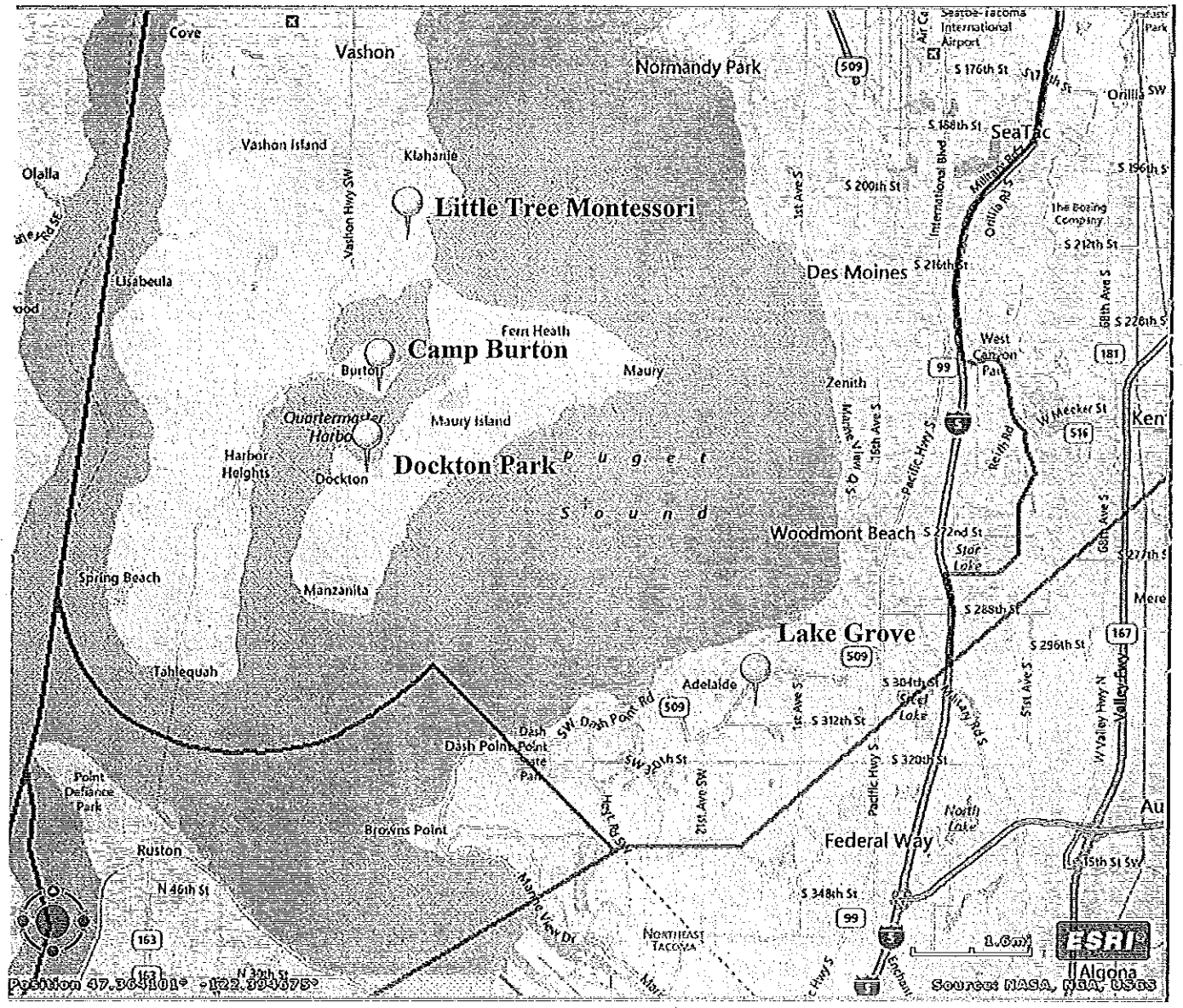
C. SIGNATURE

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: *Ang Hauge*

Date Submitted: *May 11, 2012*

Vicinity Map



Position 47.504101° - 122.594875°



Source: NASA, NOAA, USGS

Camp Burton

9326 SW Bayview Dr Vashon Island, WA 98070

Play Area 1



Camp Burton

9326 SW Bayview Dr Vashon Island, WA 98070

Play area 1—Excavate the area outlined in red down one foot and replace with clean soil and hydroseed. Ecology will take samples after excavation to determine if all the contaminants were removed. Care should be taken around tree drip lines and around play equipment. There is a natural drainage ditch that needs to be replaced with the same contours. There are three areas outlined in black, in these areas replace with six inches of clean soil, lay geotextile fabric and surround with Trex borders, covering the areas with eight inches of pea gravel.

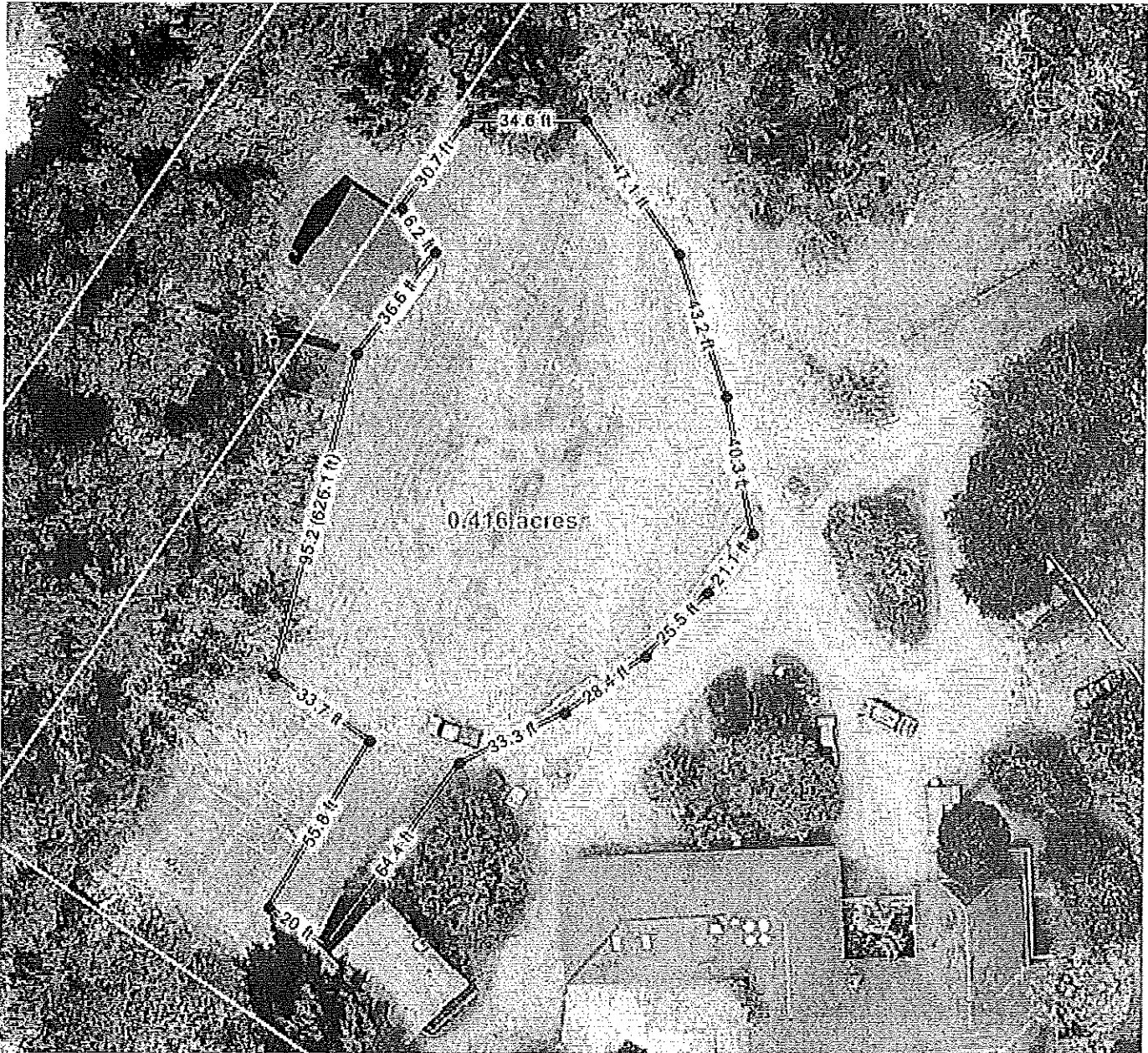
Play Equipment—There will be no excavation of the area already covered in pea gravel. Remove existing border and cover area in geotextile fabric and pea gravel. There is a plaque in the ground that will need to be removed, saved and placed in an area directed by the camp.

Slide and Tire Swing Area—There are three rotting stumps that need to be flattened as much as possible in order to lay the geotextile fabric and the pea gravel.

Pathway between play equipment—The area is approximately 11 ft by 40 ft this will need to be excavated and replaced with clean soil and gravel to match existing pathway. The gravel should be at least 4 inches deep.

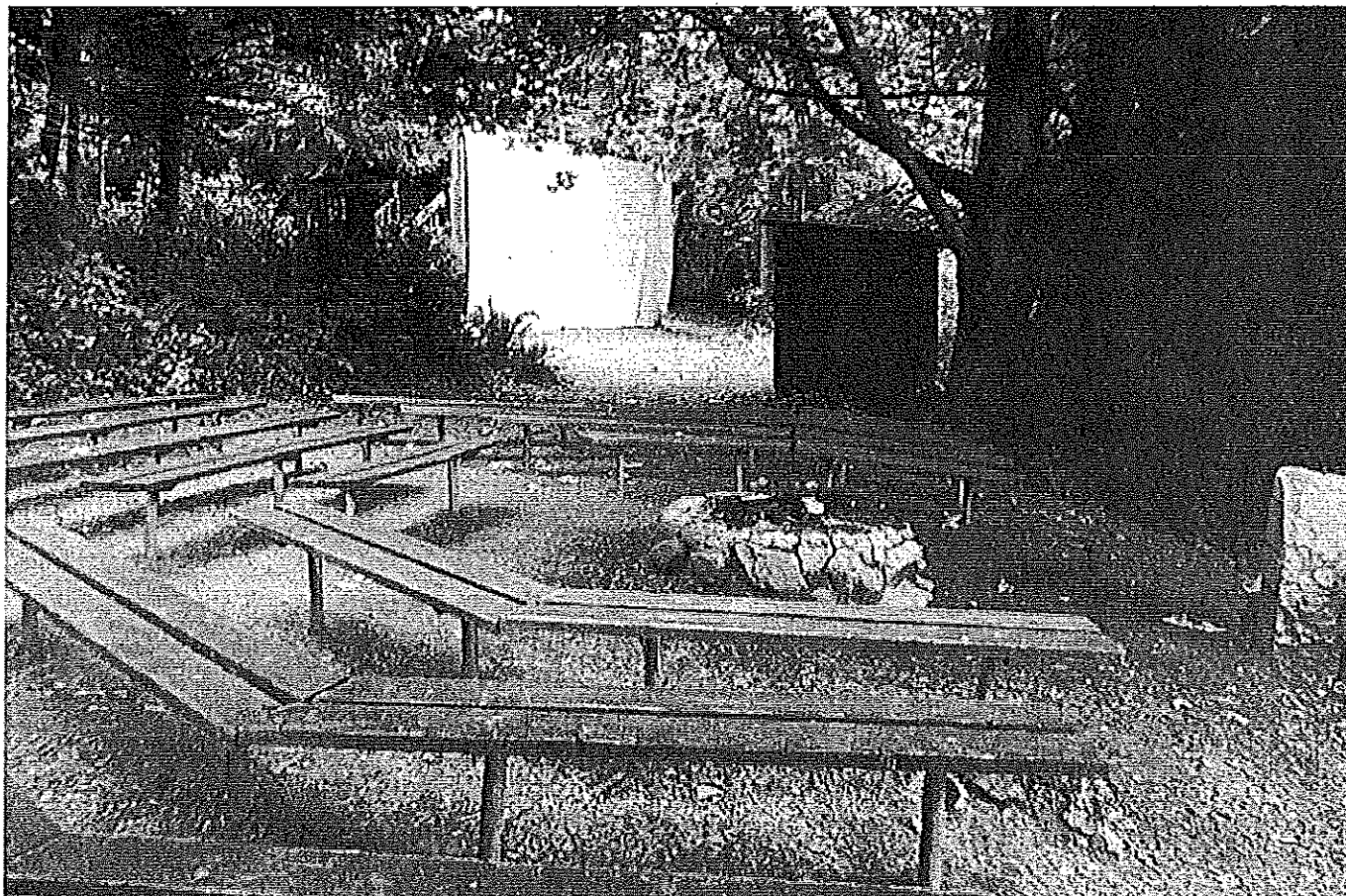
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Play areas 2 and 4—Excavate the top 12 inches of soil , replace with clean soil and hydroseed.

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Play area 3—In the area around the fire pit, lay geotextile fabric and cover with 6 inches of 3/4 inch minus crushed rock. The rock should be sloped down on the paths on both entrances to the fire pit area. The area is approximately 50 feet by 35 feet. (1750 sq ft).

Dockton Park

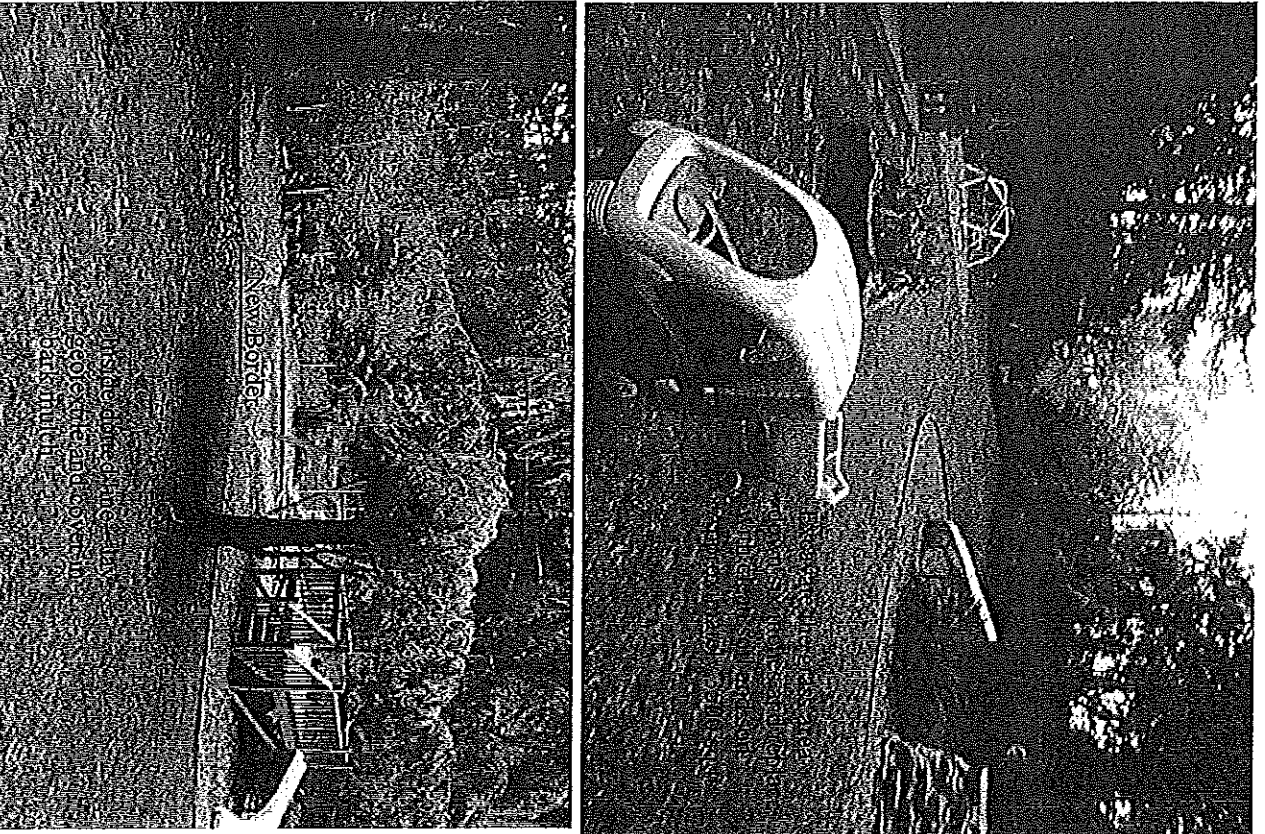
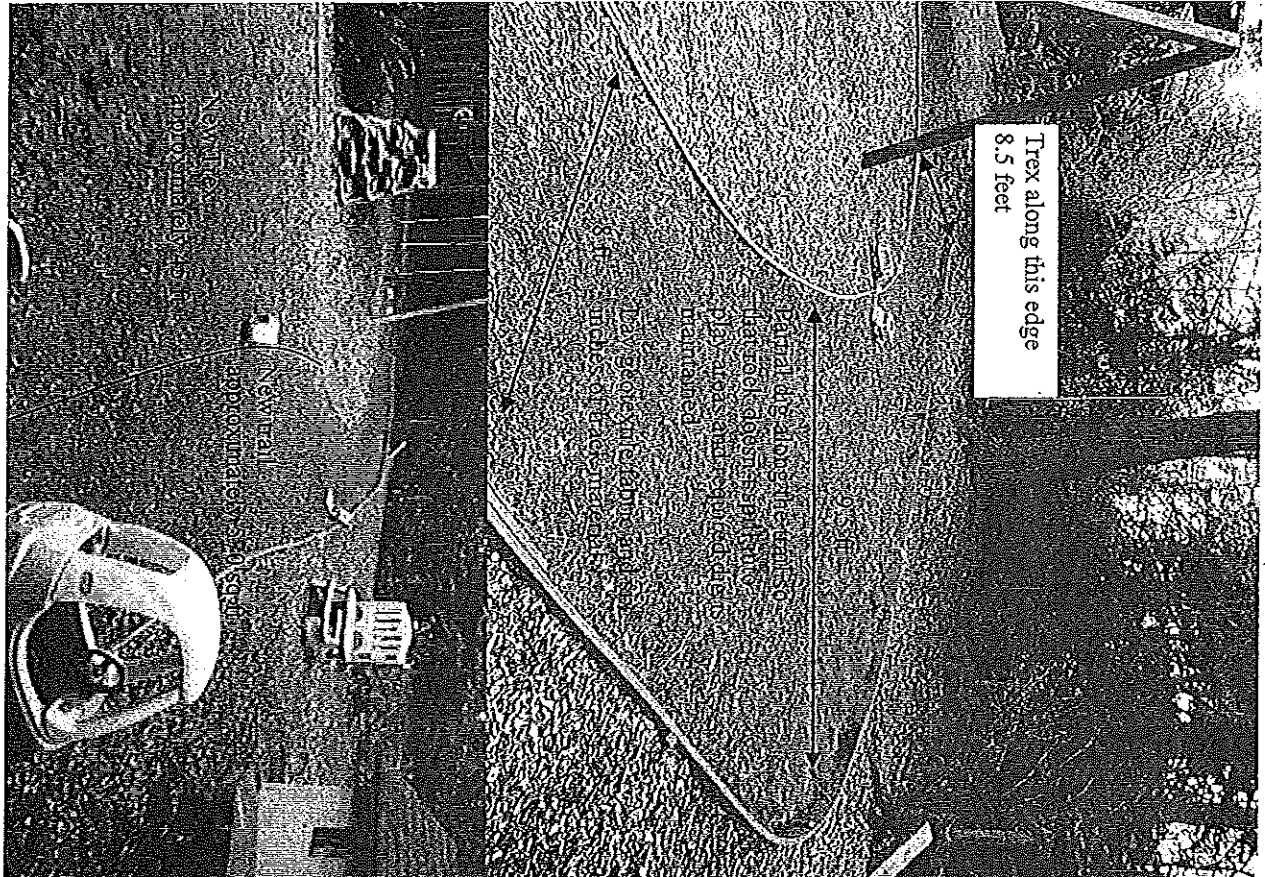
9500 SW Dock St Vashon, WA



Ecology Proposed Soil Safety Actions

- Excavate and properly dispose of soil down 1 foot in the area outlined in red.
- Install clean replacement soil and hydroseed the area.
- Place picnic tables on pads of concrete.
- Place signage at the park so that the public is aware that contaminated soil is located in the natural.

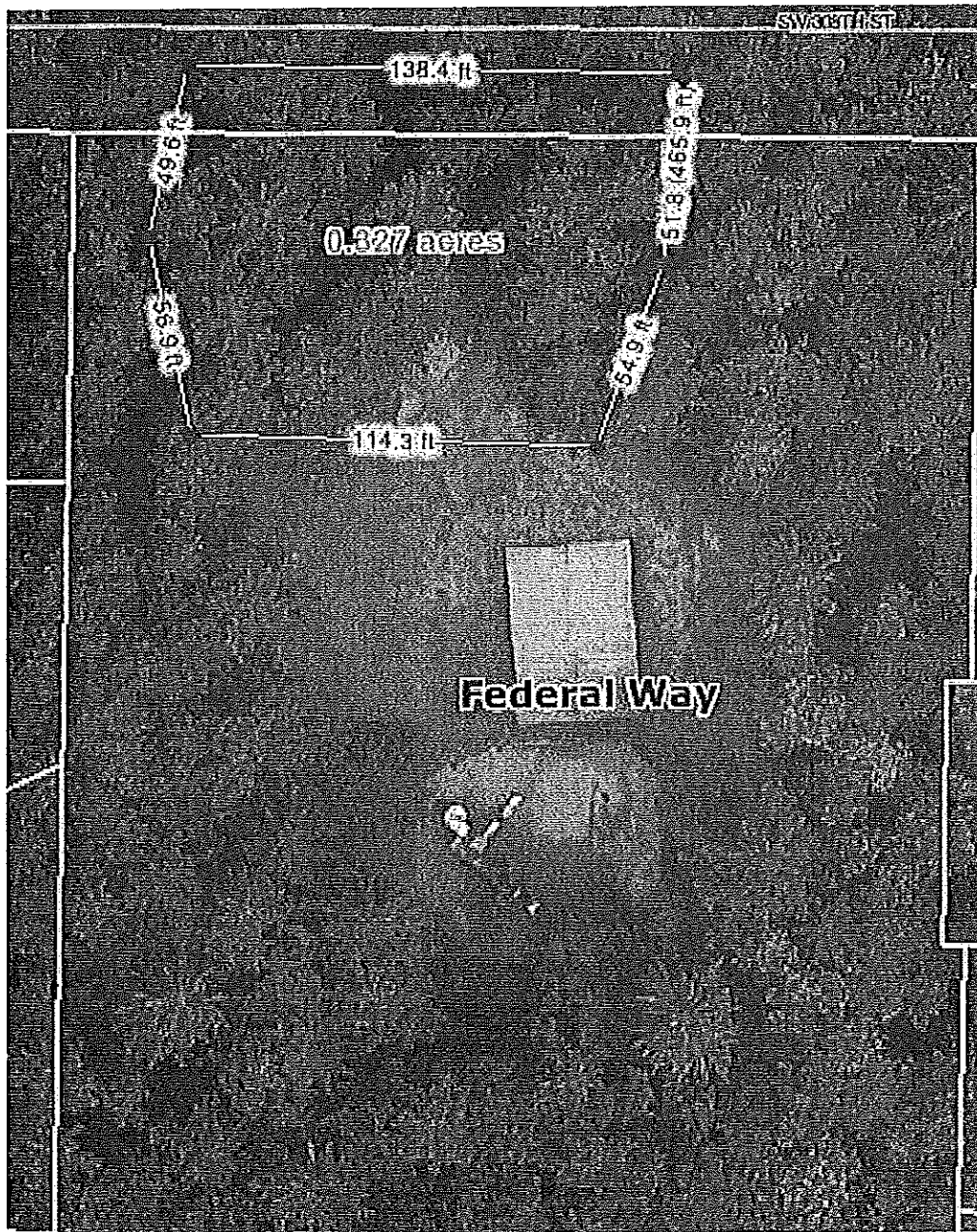
Little Tree Montessori—21204 SW Monument Rd Vashon, WA 98070



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Lake Grove Park
833 SW 308th St Federal Way, WA



Ecology Proposed Soil Safety Actions

- Excavate down 1 foot where possible taking care around tree roots.
- Replace with clean soil and hydroseed or bark chips.
- Place signage at park so that the public is aware that contaminated soil is located in the natural areas of the park