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 – 2013 Summer, Site: Jane Clark Park
   Tacoma Smelter Plume, Soil Safety Program – 2013 Fall, Site: Titlow Park Phase 2
   Note: This checklist covers two projects. The work at Jane Clark park is identified as Site 1. The work at Titlow Park Phase 2 is identified as Site 2A and 2B since the work is at two unconnected locations at Titlow Park.

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 27, 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 as follows:**

   SITE 1. Jane Clark Park: July through September, 2013

   SITE 2A. Titlow Park Phase 2, Play Area 5: July through September 2013

   SITE 2B. Titlow Park Phase 2, Play Area 6: September 9 through September 30, 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 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.

SITE 2 Titlow Park: MetroParks-Tacoma has ongoing work related to the pool /spray park complex.

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.

SITE 1. Jane Clark Park

- **State of Washington, Dept. of Ecology: NPDES Construction Stormwater General Permit.**
  - Not exempt and required since site is > 1 acre. The project will impact almost 2 acres.
- **City of Tacoma, Grading Permit**
  - Applicable since > than 50 CY. The project will excavate about 3,200 CY over about 90,000 square feet. The site will be restored to the existing grade.
  - Critical Areas: There are no critical areas within the work limits. A steep slope is located north of the west end park boundary within 41st Street. This is not expected to have a substantial impact on the project work.
- **City of Tacoma, Stormwater mitigation.**
  - Likely applicable and addressed through NPDESC Construction Stormwater Generl Permit, SWPPP.

SITE 2 Titlow Park Phase 2, Play Areas 5 & 6

- **City of Tacoma, Grading Permit**
  - Applicable since > than 50 CY. The project will excavate a total of about 260 CY over 15,200 square feet at two locations. (Play Area 5: About 60 CY over 1,600 square feet. Play Area 6: About 200 CY over about 13,600 square feet).
  - Critical Areas consisting of surface water features and wetlands are within 200 feet of the site. The proximity to these CAs will be reflected in the TESC plan.
- **City of Tacoma, Stormwater mitigation.**
  - Likely applicable and addressed through a TESC plan.

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.)

SITE 1. Jane Clark Park – Under the WA State Department of Ecology's Soil Safety Program, the project will remove approximately 3,200 cubic yards of contaminated soil from an area approximately 86,200 square feet to a depth of 12-inches by traditional excavation methods; and remove approximately 35 cubic yards of contaminated soil from an area approximately 3,400 square feet to a depth of 12-inches within the drip lines of significant trees by vactor truck. Additional excavation and/or application of a geotextile separation barrier may be warranted depending on confirmation sample results obtained from the initial excavation depth. The site will be restored with suitable clean soils and topsoils, and finished with a hydroseed application with the possibility of using sod on the small sloped areas. Temporary dust control, and erosion and sedimentation control measures will be implemented.

SITE 2A, Titlow Park Phase 2, Play Area 5– Under the WA State Department of Ecology's Soil Safety Program, the project will remove approximately 60 cubic yards of contaminated soil from an area approximately 1,600 square feet to a depth of 12-inches by traditional excavation. Additional excavation and/or application of a geotextile separation barrier may be warranted depending on confirmation sample results obtained from the initial excavation depth. The site will be restored with suitable clean soils and topsoils, and finished with a hydroseed. Temporary dust control, and erosion and sedimentation control measures will be implemented.

SITE 2B, Titlow Park Phase 2, Play Area 6– Under the WA State Department of Ecology's Soil Safety Program, the project will remove approximately 200 cubic yards of contaminated soil from an area approximately 13,600 square feet to a depth of 12-inches (the quantity is based on removing about a 1/3 of the soils due to tree roots) within the drip lines of significant trees by vactor truck (or shallower if roots are encountered). Additional excavation and/or application of a geotextile separation barrier may be warranted depending on confirmation sample results obtained from the initial excavation depth. Capping by a maximum 6-inch topsoil layer may be necessary at locations where soils removal is limited due to roots. The site will be restored with suitable clean soils and topsoils, and finished with a hydroseed application or sod. Landscape bark will be applied around the trees and within the drip lines. Temporary dust control, and erosion and sedimentation control measures will be implemented.

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.

SITE 1. Jane Clark Park – 4825 N 39TH Street, Tacoma, WA 98407. Survey Description: NW ¼ of the NW ¼ Section 25, Township 21N, Range 2E. Parcel Number: 0221252005 Map attached.

SITE 2A, Titlow Park Phase 2, Play Area 5 – 8325 6th Ave, Tacoma, WA 98406. Survey Description: NW ¼ of the NE ¼ of the SE ¼ Section 04, Township 20N, Range 2E. Parcel Number: 0220041019. (Note: The remedial work area is located immediately north of the MetroParks maintenance house, located west of the railroad tracks.) Map attached.

SITE 2B, Titlow Park Phase 2, Play Area 6 – 8325 6th Ave, Tacoma, WA 98406. Survey Description: SW ¼ of the NE ¼ of the SE ¼ Section 04, Township 20N, Range 2E. Parcel Number: 0220041019. (Note: The remedial work area is located immediately west of Tillow Lodge). Map attached.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

SITE 1, Jane Clark Park: Generally flat over the majority of the park, with localized slopes along the N 39 Street side of the park.

SITE 2A, Titlow Park Phase 2, Play Area 5: Generally flat, with a steep slope just to the west of the work limits.

SITE 2B, Titlow Park Phase 2, Play Area 6: Generally flat.

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

SITE 1, Jane Clark Park: The majority of the remedial area is the flat playfield which has about a 1% slope. The localized slopes along N39th St are approximately 20%.

SITE 2A, Titlow Park Phase 2, Play Area 5: The majority of the remedial area is flat and almost a 0% slope. The slope increases in the southwest portion of the remedial area to about 10.8%. The slope on the sea wall/armored bank just outside the west side of the remedial work limits is approximately 80%.

SITE 2B, Titlow Park Phase 2, Play Area 6: The majority of the remedial area is flat along a contour and almost a 0% slope. The site has a maximum cross slope of 3 %.

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.

SITE 1, Jane Clark Park: Graded site underlain by glacial till and typically poor draining.

SITE 2, Titlow Park Phase 2, Play Area 5 & 6: The site has been modified in the past and consists of a range of post-glacial alluvial deposits. Soils are generally silty sand. Weathered glacial till in the remaining areas. Soils encountered on level/developed areas east of the railroad contain a high percentage of fines and are moderately to poorly drained.

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.

The purpose of the planned filling and grading is to remove arsenic and or lead contaminated soils and replace the excavated materials with clean soil from an approved offsite source (landscape material provider) selected by the contractor. The quantities for each site are presented below.

SITE 1. Jane Clark Park – Under the WA State Department of Ecology's Soil Safety Program, the project will remove approximately 3,200 cubic yards of contaminated soil from an area approximately 86,200 square feet to a depth of 12-inches by traditional excavation methods; and remove approximately 35 cubic yards of contaminated soil from an area approximately 3,400 square feet to a depth of 12-inches within the drip lines of significant trees by vactor truck. Additional excavation and/or application of a geotextile separation barrier may be warranted depending on confirmation sample results obtained from the initial excavation depth. The site will be restored with suitable clean soils and topsoils matching the pre remedial grades, and finished with a hydroseed.

SITE 2A, Titlow Park Phase 2, Play Area 5– Under the WA State Department of Ecology's Soil Safety Program, the project will remove approximately 60 cubic yards of contaminated soil from an area approximately 1,600 square feet to a depth of 12-inches by traditional excavation. Additional excavation and/or application of a geotextile separation barrier may be warranted depending on confirmation sample results obtained from the initial excavation depth. The site will be restored with suitable clean soils and topsoils matching the pre remedial grades, and finished with a hydroseed.

SITE 2B, Titlow Park Phase 2, Play Area 6– Under the WA State Department of Ecology's Soil Safety Program, the project will remove approximately 200 cubic yards of contaminated soil from an area approximately 13,600 square feet to a depth of 12-inches (the quantity is based on removing about a 1/3 of the soils due to tree roots) within the drip lines of significant trees by vactor truck (or shallower if roots are encountered). Additional excavation and/or application of a geotextile separation barrier may be warranted depending on confirmation sample results obtained from the initial excavation depth. Capping by a maximum 6-inch topsoil layer may be necessary at locations where soils removal is limited due to roots. The site will be restored with suitable clean soils and topsoils, and finished with a hydroseed application or sod. Landscape bark will be applied around the trees and within the drip lines.

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

The potential for erosion at each site occurs during remedial activities. The potential is minimized due to an accelerated effort to complete remedial activities and implement restoration as quickly as possible.

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:
The goal is to minimize the potential for as much as is possible through BMPS and contingency measures and implementing restoration as quickly as possible. Remedial activities will be expedited work with a short work window. Aggressive dust control measures primarily consisting of watering dry soils prior and during excavation will be applied at all sites as needed.

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, prior and 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.

SITE 1, Jane Clark Park: NO

SITE 2, Titlow Park Phase 2: Yes. There are multiple water bodies on the Titlow Park Property. They include:

- **Approximately 3,500 feet of marine shoreline**
- **Four surface water streams, each flowing directly to the sound**
- **Two estuary lagoons totaling approximately 4.8 acres**
- **Twenty five wetlands.**

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.

SITE 1, Jane Clark Park: **NO**

SITE 2A, Titlow Park Phase 2, Play Area 5: YES. The project is adjacent to (within 200 feet) to the marine shoreline (about 18 feet to the west of the site) and the estuary lagoons (one lagoon is about about 170 feet to the east of the site; the other lagoon is a about 190 feet east of the site). The project site is approximately 60 feet south of an area identified as a high probability of wetlands; and 120 feet west of known wetlands. The haul route on the TOA road comes within 115 feet of a stream. Note railroad tracks pass between the site and the lagoons. See attached plans.

SITE 2B, Titlow Park Phase 2, Play Area 6: YES. The project is adjacent to (within 200 feet) to the marine shoreline (about 150 feet); a stream (about 135 feet); an estuary lagoon (about 135 feet); and a known wetland (about 135 feet). Note railroad tracks pass between the site and the marine shoreline. See attached plans.

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.

SITE 1, Jane Clark Park: **NO**

SITE 2A, Titlow Park Phase 2, Play Area 5: NO.

SITE 2B, Titlow Park Phase 2, Play Area 6: Within the 0.2% Annual chance flood hazard. See attached plans.

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. Track off plates and / or construction stabilization entrances will be used. Stormwater BMPs will be used to stop stormwater from leaving the site. The BMPs will include contingencies.

4. **Plants**

a. Check or circle types of vegetation found on the site: **Site 1 = Jane Clark Park; Site 2A = Titlow Park Play Area 5; and Site 2B = Titlow Park Play Area 6**

1, 2A & 2B deciduous tree: alder, maple, aspen, other
1, 2A & 2B evergreen tree: fir, cedar, pine, other
1, 2A, 2B shrubs
1, 2A & 2B grass
_____ pasture
_____ crop or grain
2A, 2B wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
2A, 2B water plants: water lily, eelgrass, milfoil, other
1, 2A & 2B other types of vegetation

b. What kind and amount of vegetation will be removed or altered? **Grass will be removed and then replanted either by laying sod or applying seed.**

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: **No proposed use of native plants. Care will be taken to minimize impact to trees while excavating contaminated soils. This includes the use of a vactor truck and dry knife within the driplines at Jane Clark Park and on the entire Titlow Park Play Area 6 site.**

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:

Site 1, Jane Clark Park
birds: songbirds
mammals: squirrels
fish: None

Site 2A, Titlow Park Play Area 5; and Site 2B, Titlow Park Play Area 6
birds: hawk, heron, osprey, eagle, palliated woodpecker, kingfisher, purple martin, songbirds, other.
mammals: deer, raccoons, opossums, coyotes, river otter, harbor seal
fish: salmon, herring, shellfish

b. List any threatened or endangered species known to be on or near the site.
Site 1, Jane Clark Park: NONE
Site 2A, Titlow Park Play Area 5; and Site 2B, Titlow Park Play Area 6. A project is planned by others to enhance habitat for the threatened Puget Sound Chinook Salmon.

c. Is the site part of a migration route? If so, explain. **YES. The project sites are located within the Pacific Flyway, which is a flight corridor for migrating waterfowl and other avian fauna. The Pacific Flyway extends from Alaska to South America.**

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 w /depth of sample	Arsenic Average	Arsenic Maximum	Lead Average	Lead Maximum
State Cleanup Level	20	40	250	500
Site 1, Jane Clark Park, Play Area 1, 0- 2-in	**68.5**	**135**	72.7	159.0
Site 1, Jane Clark Park, Play Area 1, 2- 6-in	**39.0**	**68.0**	36.7	79.0
Site 1, Jane Clark Park, Play Area 2, 0- 6-in	**57.4**	**43.5**	50.1	127.0
Site 1, Jane Clark Park, Play Area 2, 6- 12-in	**114.0**	**44.0**	33.5	34.0
Site 1, Jane Clark Park, Play Area 3, 0- 6-in	**47.4**	**93.0**	54.9	123.0
Site 1, Jane Clark Park, Play Area 3, 6- 12-in	**52.0**	**70.0**	39.5	53.0
Site 2A, Titlow Park Play Area 5, 0 to 6-in	**57.8**	**130.0**	**973.8**	**5,100**
Site 2A, Titlow Park Play Area 5, 6 to 12-in		**170.0**		**3,700**
Site 2B, Titlow Park Play Area 6, 0 to 6-in	**35.2**	**93.0**	53.0	140.0
Site 2B, Titlow Park Play Area 6, 6 to 12-in		**53.0**		72.0

Note: For Jane Clark Park, the play areas (1 – 3) are not labled as different sites since they are abut each other and are continuous. The two play areas (5 & 6) at Titlow Park are separate from each other and accessed differently.

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 . Work will not be allowed to occur on Saturday, Sunday, and State and Federal Holidays.

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

Site 1, Jane Clark Park: The Construction work will not last more than three months at Jane Clark, which will be closed to the public during the construction period.

Site 2A, Titlow Park Play Area 5; and Site 2B, Titlow Park Play Area 6
The Construction work is expected to be short in duration. The work at Play Area 6 will be completed within 30-days.

8. **Land and shoreline use**

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

Site 1, Jane Clark Park: The site is currently used as a park. The surrounding area is a residential neighborhood.

Site 2A, Titlow Park Play Area 5: The site is currently used as a park. The area is just north of a park maintenance building. Access is via the Tacoma Outboard Association road. The surrounding area is forested park and shorelines. Residential neighborhoods surround the park.

Site 2B, Titlow Park Play Area 6: The site is currently used as a park. The lodge is rented out for events such as weddings. The near by shelter is rented for gatherings. The surrounding area is a residential neighborhood. There are several retail commercial business directly south of the site.

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

c. Describe any structures on the site.

Site 1, Jane Clark Park: The building onsite houses year round restrooms. A wading pool and playground are onsite.

Site 2A, Titlow Park Play Area 5: A former house and garage used by MetroParks as a maintenance building.

Site 2B, Titlow Park Play Area 6: The existing Titlow Lodge which is a two story wood frame public building with outdoor deck. A small garage building associated with the lodge. An existing picnic shelter.

d. Will any structures be demolished? If so, what? **Not as part of Ecology's project.**

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

Site 1, Jane Clark Park: PARKS Base Zone: R-2 One Family Dwelling

Site 2, Titlow Park: RECACTIVITIES. S-2 Shoreline District – Western Slope Central

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

Site 1, Jane Clark Park: Parks

Site 2, Titlow Park: Low Land Use Intensity

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

Site 1, Jane Clark Park: N/A

Site 2, Titlow Park: S-2 Shoreline District – Western Slope Central

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Site 1, Jane Clark Park: NO

Site 2, Titlow Park: YES. A wetlands delineation and Fish & Wildlife Habitat Report have been completed. They were previously submitted to the City of Tacoma as part of MetroParks projects at this park.

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: **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.

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?

Site 1, Jane Clark Park is a park offering recreational opportunities consisting of playfields, play grounds and wading pool.

Site 2A, Titlow Park Play Area 5, is located within in Titlow Park. The specific site contains no formal recreational opportunity. The park is a popular nature and wildlife viewing area.

Site 2B, Titlow Park Play Area 6 is located within in Titlow Park. The specific site is part of an area that is rented for gatherings such as weddings and picnics. Trails area adjacent to the site. The park is a popular nature and wildlife viewing area.

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

Site 1, Jane Clark Park. The park will be closed during the Ecology work due to safety concerns.

Site 2A, Titlow Park Play Area 5. Construction traffic to this site could impact non-vehicular use of this gated road. Vehicular use to the TOA site could be impacted by construction traffic.

Site 2B, Titlow Park Play Area 6. Construction will impact the rental of Titlow Lodge and the nearby picnic shelter. Construction traffic will conflict with public access to Titlow Lodge.

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

Site 1, Jane Clark Park. The park will be closed during the Ecology work due to safety concerns. MetroParks is making arrangements to hold programs at other nearby park locations. There will be no work on Saturday, Sunday, and State and Federal holidays. The Contractor will be allowed to start work after the fourth of July weekend and be completed by the Labor Day weekend.

Site 2A, Titlow Park Play Area 5. The Contractor will be allowed to start work after the fourth of July weekend and be completed by the Labor Day weekend. The Contractor will abide by the speeds limits of the TOA Road. The actual work should not take more than two weeks.

Site 2B, Titlow Park Play Area 6. The Contractor will not be allowed to start work until September 9 and must finish with seed and sod by the end of the month. Work will only occur on Monday through Thursdays. The Contractor will leave the site in a manner so weekend use and access by the public is not impeded. Green safety fence will be used in place of bright orange fencing to minimize aesthetic impact.

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.

Site 1, Jane Clark Park. No known historical listing associated with the site. The closest historical site is Fire Station No. 14, which is located about 400 east north-east of the park.

Site 2, Titlow Park : The Titlow Lodge has been considered for possible national listing as a historic landmark. It has been substantially altered form its original design and the appropriateness of landmark status is in question. As if 7/26/2010, Metro Parks has not yet made a decision as to whether the listing is beneficial to the Park District and public.

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

Site 1, Jane Clark Park. None other than a wading pool of unknown historical importance.

Site 2, Titlow Park : Metro Parks has documented the nearly 100 year history of recreational use of the Titlow site. The existing Lodge building and a few smaller site artifacts are all that physically remain from the earliest use of the site as a private resort.

c. Proposed measures to reduce or control impacts, if any: **None**

Site 1, Jane Clark Park. Contractor will ensure they protect the wading pool.

Site 2, Titlow Park : Contractor will ensure they protect lodge and historical drinking fountains from damage.

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**

Site 1, Jane Clark Park. North Orchard Street and N 39th Street provide access to the park.

Site 2A, Titlow Park Play Area 5. The site is accessed from the TOA Road off of 6th Avenue from Jackson Avenue.

Site 2B, Titlow Park Play Area 6. The site is accessed from the west end of 6th Avenue from Jackson Avenue.

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

Site 1, Jane Clark Park. Pierce Transit bus routes 10 and 11 serve near the site.

Site 2, Titlow Park. The Pierce Transit bus routes 100 serves near 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. **None**

16. **Utilities**

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

Site 1, Jane Clark Park. Water for irrigation, Water, Refuse Service, Telephone, Sanitary Sewer.

Site 2A, Titlow Park Play Area 5. Electricity, water from well, onsite sanitary.

Site 2B, Titlow Park Play Area 6. Water for irrigation, Water, Refuse Service, Telephone, Sanitary Sewer.

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 McBride

Date Submitted: March 25, 2013

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. **None**

16. **Utilities**

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

Site 1, Jane Clark Park. Water for irrigation, Water, Refuse Service, Telephone, Sanitary Sewer.

Site 2A, Titlow Park Play Area 5. Electricity, water from well, onsite sanitary.

Site 2B, Titlow Park Play Area 6. Water for irrigation, Water, Refuse Service, Telephone, Sanitary Sewer.

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: .....

Date Submitted: .....

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:

TO BE COMPLETED BY APPLICANT EVALUATION FOR AGENCY USE ONLY

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.