ORIGINAL

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
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ENVIRONMENTAL (SEPA) CHECKLIST

Purpose of Checklist

The State Environmental Policy Act (SEPA), Chapter 43.21 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 your 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

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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:
   Gas Works Park NE Corner Capping Project

2. Name of applicant:
   Washington State Department of Ecology, Toxics Cleanup Program (TCP)

3. Address and phone number of applicant and contact person:
   John Keeling, Project Manager
   3190 160th Ave SE, Bellevue, WA 98008
   (425) 649-7052

4. Date checklist prepared:
   June 1, 2012

5. Agency requesting checklist:
   Washington State Department of Ecology, TCP

6. Proposed timing or schedule (including phasing, if applicable):
   Fall 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.
   - **Floyd/Snider 2010 catch basin sampling**
   - **Remedial Investigation/Feasibility Study (ongoing)**
   - **Construction Plans and Specifications**

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.

    - **SEPA Checklist**
    - **Construction**
    - **Grading**
    - **Construction Stormwater General Permit (CSGP)**
    - **Stormwater Pollution Prevention Plan (SWPPP)**

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project. 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.)

    This project involves capping and grading approximately 1/2 acre of the northeast corner of Gas Works Park to control erosion of PAH-impacted surface soil and particulate transport by surface water runoff. As part of this work, the existing storm drain and irrigation systems will be modified to accommodate new surface grades in the area. A geo-fabric demarcation layer and one foot of clean fill will be placed over the area. Excavated material will be used as fill below the demarcation layer in areas that require greater than one foot of fill. Following earthwork activities, the site will be restored to its original setting.

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.

    Gas Works Park is located at 2101 North Northlake Way, Seattle, Washington. The project area is the northeastern corner of the park.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (**bold**):
Flat, rolling, hilly, steep slopes, mountainous,
other:_____

b. What is the steepest slope on the site (approximate percent slope)?
Approximately 0 to 1 percent. The site is relatively flat.

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.
Fill material and topsoil from redevelopment and previous cleanup activities.

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 protective cap is designed to eliminate exposure pathways to potentially impacted surface soils and provide surface stabilization to prevent migration of potentially impacted surface soils from entering Lake Union through the storm drain system. Fill (topsoil) will be obtained from a local borrow source. The material will be free of toxic or contaminated material. Approximately 800 cubic yards will be placed in the project area.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Exposed soil will be present during construction activities. Construction BMPs will be utilized to minimize and/or eliminate sedimentation and erosion.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
The project will not result in a change in impervious surface at the site.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Erosion control features and best management practices (BMPs) will be employed on the site including but not limited to:
- **silt and high-visibility fence,**
- **stabilized construction entrance,**

- **wheel wash station,**
- **inlet protection, and**
- **erosion/runoff pollution control.**

2. **Air**

a. What type of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke, greenhouse gases) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Short-term air emissions are expected to be limited to diesel and gasoline engine emissions from trucks and other construction equipment being used for excavation, backfilling, grading, and construction. Stockpiled soil will employ dust suppression BMPs including but not limited to covering and wetting. Following cleanup, air emissions will return to ambient levels present prior to construction.

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

No. Sources of emissions in the vicinity of the site include residential and commercial operations and vehicular traffic on streets, which would not effect the proposed project.

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

The Contractor will implement BMPs on site, as appropriate, to control or reduce emissions including but not limited to covering and wetting stockpiled material to reduce dust and maintaining all internal combustion equipment to limit emissions.

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.

The site is located on the north shore of Lake Union.

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, the project includes excavation, backfilling and grading within 200 feet of Lake Union. No over-water or in-water work is proposed.

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.

No fill or dredge material will be placed in or removed from surface waters or wetlands.

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.

Care will be taken to prevent petroleum products, chemicals, or other toxic materials from entering the water. Contractors will be required to have spill response plans and appropriate materials necessary to contain and clean up an accidental spill at the site.

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.

Not applicable.

c. Water Runoff (including storm water):

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.

Stormwater originating on the site during construction is planned to be managed primarily through infiltration (i.e., zero discharge condition). Contract plans and specifications will require the contractor to develop a Stormwater Pollution Prevention Plan in accordance with substantive requirements of the current Washington State Construction Stormwater General Permit. Contractor requirements will include providing a contingency for discharge to surface water, if such action became necessary.

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

Although potential exists for soil particulates from construction excavation, or other constituents associated with site remediation to enter groundwater or surface water, such discharges are planned to be managed on site as practicable. Contractor requirements will include providing a contingency for discharge of surface runoff to Lake Union, if such an action became necessary. The contractor would monitor and sample such discharges, submit samples for laboratory testing, and report monitoring and testing results in accordance with provisions of the Construction Stormwater General Permit. If stormwater treatment became necessary, the contractor will be required to implement appropriate management and disposal measures.

Low potential exists for entry of other waste materials into surface runoff or groundwater. Site Contractors will be required to have spill response plans and appropriate materials necessary to contain and clean up an accidental spill at the site.

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

BMPs measures including revegetating disturbed soil, minimizing exposed soil during rainy periods, straw bales, check dams, and impervious surface sweeping will be implemented to limit materials that can be mobilized by storm events. Care will be taken to prevent petroleum products, chemicals, or other toxic materials from entering the water. Contractors will be required to have spill response plans and appropriate materials necessary to contain and clean up an accidental spill at the site. Construction BMPs will comply with requirements of the Construction Stormwater General Permit and Stormwater Management Manual for Western Washington.

4. Plants

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

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

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

Two apple trees will be removed from the northeast corner of the site and replaced with appropriate vegetation following construction. Contractor will only

remove trees when specifically authorized to do so, and will protect vegetation that will remain in place.

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

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Contractor will only remove trees when specifically authorized to do so, and will protect vegetation that will remain in place. The site will be replanted with appropriate vegetation, as needed.

5. Animals

a. **Bold** any birds and animals that 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: **raccoon, opossum, and other urban wildlife**

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

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

Federally listed or threatened species that could occur in the vicinity of the site include Puget Sound Chinook salmon and steelhead. Puget Sound Chinook salmon and steelhead migrate through Lake Union.

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

Salmonids use Lake Union as an anadromous fish migratory route for the Sammamish River and other waterways. The Puget Sound area is part of the Pacific flyway. Birds that inhabit the area vary seasonally due to migration patterns.

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

Revegetation of plants that are either removed or damaged as part of the project.

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.

Both electrical and fossil fuels will be required to complete remediation of the site.

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:

Not applicable.

7. Environmental Health

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

Potential discharges to surface waters during cleanup include accidental spills or leakage of petroleum products from construction equipment used during the project. The Contractor will be required to prepare a health and safety plan for work in areas where it is expected that contaminated soils may be encountered.

1) Describe special emergency services that might be required.

None are anticipated.

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

- **Health and Safety Plans (HASPs);**
- **Spill Control Plan; and**
- **BMPs.**

b. Noise

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

Existing noise will not affect the project.

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 site.

Short-term construction noise will occur associated with a variety of construction equipment and activities including truck engines, excavators, and other construction equipment. Construction noise will be limited to daytime hours (Monday through Friday, 8 a.m. to 5 p.m.).

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

Construction activities will be implemented in a manner consistent with the City of Seattle municipal code and state environmental noise standards.

8. Land and Shoreline Use

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

The site is currently used as an urban park for recreation. Adjacent properties are used for residential and commercial purposes.

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

No.

c. Describe any structures on the site.

Existing aboveground and underground utilities, facilities and appurtenant structures including, but not limited to, power transmission and distribution, telephone, alarm systems, sanitary sewers, gas services, water service, house or yard drains, and fences are located on or adjacent to the site.

A structure known as the playbarn which held pumps and compressors for the former gas plant is located near the construction area, as is a comfort station which houses restrooms and a concession stand. Various pieces of process equipment such as reactors and separation columns known as towers are also located at the park, but further from the construction area than the playbarn or the comfort station.

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

No.

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

Industrial Buffer.

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

City-owned Open space.

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

Conservancy Management.

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

Lake Union is classified as a waterbody of state significance. There are two Environmentally Critical Areas on the site – Steep Slope & Shoreline Habitat

i. Approximately how many people would reside or work in the completed project?
Current use of the site is expected to remain unchanged following project completion.

j. Approximately how many people would the completed project displace?
None.

k. Proposed measures to avoid or reduce displacement impacts, if any:
Not applicable.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Completion of the proposed project will help maintain and improve environmental health.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Not applicable.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
Not applicable.

c. Proposed measures to reduce or control housing impacts, if any:
Not applicable.

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?
Not applicable.

b. What views in the immediate vicinity would be altered or obstructed?
None.

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

The project site will be revegetated with appropriate vegetation following construction.

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?

Not applicable.

c. What existing off-site sources of light or glare may affect your proposal?

None.

e. Proposed measures to reduce or control light and glare impacts, if any:

Not applicable.

12. Recreation

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

The project site is located in Gas Works Park, an urban park, that is used for picnicking, playing games, kite flying, biking, and other recreational activities.

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

The proposed project would temporarily displace recreational use in a small portion of the park.

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

Timing of the construction (Fall) will minimize the potential impacts to recreation as very few people use this area of the park in the fall and winter months.

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.

The park is a City of Seattle landmark. It was designated a landmark in 1999. It was added to the State Historic Register in 2002.

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

Same as above

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

No areas of historical significance will be disturbed during this project.

14. Transportation

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

North Northlake Way is located north of the site and serves as the primary access to the site. Proposed access will be off North Northlake Way.

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

No. North 35th Street is approximately 0.3 miles north of Gas Works Park.

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

Not applicable.

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.

The project will not change the number of vehicular trips upon completion. Temporary construction-related traffic will be highest during daylight/working hours. The project will generate approximately 20 vehicular trips per day during fill import periods, which are expected to last less than a week.

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

Traffic impacts will be temporary and will be minimized by the Contractor to the maximum extent possible. No lane closures or restrictions will be allowed.

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.

Not applicable.

16. Utilities

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

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

None.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand the lead agency is relying on them to make its decision.

Signature: John Keeling

Date submitted: June 12, 2012