

Environmental Checklist

File No. _____

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 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: Riverbank Stabilization near Clark Avenue Lift Station
2. Name of applicant: City of Spokane Wastewater Management Department
3. Address and phone number of applicant or contact person: Bill Peacock, 909 East Sprague Avenue Spokane, Washington 99202 Phone: 509-625-7902
4. Date checklist prepared: March 10, 2013
5. Agency requesting checklist: City of Spokane
6. Proposed timing or schedule (including phasing, if applicable):
The project will commence when Spokane River flows recede. Project construction is expected to last a maximum of six weeks.
7. a. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No

- b. Do you own or have options on land nearby or adjacent to this proposal? If yes, explain. Yes. The land and the adjacent land is owned by the City of Spokane and managed by the City Parks Department.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to his proposal.
Nothing directly related but the Shoreline Master Program inventory was reviewed.

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. City of Spokane Shoreline Substantial Development Permit, Washington Fish and Wildlife Hydraulic Project Approval, USACOE Section 10 permit.

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.

The project involves placing a 12"-24" diameter rock revetment along approximately 320 linear feet of eroded riverbank. The revetment will be keyed into the base of the slope about three feet deep and extend about 6 feet high (about 12" above the OHWM). A temporary construction road will be graded

along the shoreline from the Clark Avenue Lift station to the project area to provide access for equipment and material, this access will require removal of a mature hawthorne tree. Willow and cottonwood cuttings will be planted at the base of the revetment using a stinger method that will place the cuttings near the low water elevation to promote growth. The revetment voids will be filled with soil, hydroseeded with a native grass mix and covered with coir matting. The temporary construction access will be removed, riprap placed and planted as described above.

The project is needed to stabilize the slope containing a 15" sanitary sewer line. During the 2012 high river levels it was noticed by city maintenance that the slope was eroding and a manhole was in danger of collapsing. The site was surveyed with the intention of providing a more robust solution to the sandbags stabilizing the manhole and the surveyed showed that the sewer was covered, in places, only 12"-18" deep and if additional erosion occurred is in danger of being exposed, breaking and discharging raw sewage into the river creating a public health hazard.

12. Location of the proposal. Give sufficient information to 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 application related to this checklist.

The project is located within the City of Spokane near and immediately upstream of the Clarke Avenue Lift Station. The nearest street address is 2334 Clarke Avenue.

13. Does the proposed action lie within the Aquifer Sensitive Area (ASA)? The General Sewer Service Area? The Priority Sewer Service Area? The City of Spokane? (See: Spokane County's ASA Overlay Zone Atlas for boundaries.)
Yes. _____

14. The following questions supplement Part A.

a. Critical Aquifer Recharge Area (CARA) / Aquifer Sensitive Area (ASA)

- (1) Describe any systems, other than those designed for the disposal of sanitary waste, installed for the purpose of discharging fluids below the ground surface (includes systems such as those for the disposal of stormwater or drainage from floor drains). Describe the type of system, the amount of material to be disposed of through the system and the types of material likely to be disposed of (including materials which may enter the system inadvertently through spills or as a result of firefighting activities).

Not Applicable

- (2) Will any chemicals (especially organic solvents or petroleum fuels) be stored in aboveground or underground storage tanks? If so, what types and quantities of material will be stored?

NO.

- (3) What protective measures will be taken to insure that leaks or spills of any chemicals stored or used on site will not be allowed to percolate to groundwater. This includes measures to keep chemicals out of disposal systems.

A Spill Prevention Plan will be provided by the contractor for the operation and maintenance of equipment that will be used below the OHWM.

- (4) Will any chemicals be stored, handled or used on the site in a location where a spill or leak will drain to surface or groundwater or to a stormwater disposal system discharging to surface or groundwater?

NO.

b. Stormwater

- (1) What are the depths on the site to groundwater and to bedrock (if known)?

Project is along the Spokane River at and slightly above water level.

- (2) Will stormwater be discharged into the ground? If so, describe any potential impacts?

Project is for bank stabilization, no changes to the existing stormwater regime is planned.

TO BE COMPLETED BY APPLICANT

B. ENVIRONMENTAL ELEMENTS

Evaluation for
Agency Use
Only

1. Earth

- a. General description of the site (circle one): *flat, rolling, hilly, **steep slopes**, mountains, other:* _____

- b. What is the steepest slope on the site (approximate percent slope)? **67%, about 1.5 horizontal to 1 vertical**
- 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.
The eroding slopes are coarse sand containing the occasional 12 to 24 inch boulder.
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. _____
Yes, the purpose of the project is to stabilize the slope and protect a city sanitary sewer line that is in danger of being exposed and damaged.
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill:
The project is essentially a rock riprap revetment consisting of approximately 200 cy of 18" to 24" riprap. Riprap will be hauled in from offsite.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Yes. The project design incorporates elements to reduce the risk slope erosion.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? 0.00% _____
- h. Proposed measures to reduce or control erosion or other impacts to the earth, if any: _____
Project design does not allow excavation directly into the slope. Silt fences will be erected near the waters edge

2. Air

- a. What type 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. _____

Evaluation for
Agency Use
Only

Construction will require diesel powered excavators. After construction no air emission will occur.

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:
None, but during construction idling of equipment will be minimized.

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.

Yes, the Spokane River is immediately adjacent to the project site. Seasonal high flows from the river are the cause of the bank erosion.

(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, work will occur within 200 feet of the waterbody, **plans are attached.**

(3) Estimate the amount of fill and dredge material that would be placed in or removed from the 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 the surface water or wetlands. However, excavation and fill (rock revetment) will be placed on the banks and below the OHWM when the water recedes and the bank is dry.

(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.

Yes, the project is on the banks of the Spokane River.

- (6) Does the proposal involve any discharge of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

NO.

b. GROUND:

- (1) Will groundwater be withdrawn, or will water be discharged to groundwater? 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 sanitary waste treatment facility. Describe the general size of the system, the number of houses to be served (if applicable) or the number of persons the system(s) are expected to serve.

NONE.

c. WATER RUNOFF (INCLUDING STORMWATER):

- (1) Describe the source of runoff (including stormwater) 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.

The contributing drainage area is very small and mostly confined to the immediate slope. Runoff does flow into the Spokane River.

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

Yes, but the project is not generating waste materials.

- d. PROPOSED MEASURES to reduce or control surface, ground, and runoff water impacts, if any.

No impacts anticipated. A silt fence will be used to intercept any sediment created by the work before entering the Spokane River.

4. Plants

Evaluation for
Agency Use
Only

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

X _____ Deciduous tree: *alder, maple, aspen, other.*

X _____ Evergreen tree: *fir, cedar, pine, other.*

X _____ Shrubs

X _____ Grass

_____ Pasture

_____ Crop or grain

_____ Wet soil plants, *cattail, buttercup, bullrush, skunk cabbage, other.*

_____ Water plants: *water lilly, eelgrass, milfoil, other.*

_____ Other types of vegetation.

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

Some grasses and a small stand of hawthorne will be removed during project construction.

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

No known listed threatened or endangered species, however, the locally important Spokane River Redband trout is found in this reach but the project is not near a known spawning area.

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

The project includes a planting plan that provides for native plant restoration, visual screening of the rock revetment and streambank protection.

5. Animals

a. Circle any birds and animals which have been observed on or near the site 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: _____

other: _____

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

NONE

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

NO, but the riverbank is recognized as a wildlife corridor in the City Shoreline Master Program

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

The revegetation plan with native species is intended to provide habitat.

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, 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:

N/A

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. _____
NO.

- (1) Describe special emergency services that might be required.

NONE

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

N/A

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.

Diesel construction equipment will create noise during construction hours.

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

WORK WILL BE DONE BETWEEN 7:00 AM AND 6 PM DURING THE WEEK

8. Land and shoreline use

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

Vacant park land, used locally for river access as an informal beach and contains a city sanitary sewer line.

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

No.

c. Describe any structures on the site. _____

NONE

d. Will any structures be demolished? If so, which? _____

NO

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

Residential Single Family

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

Conservation/Open Space

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

Urban Conservancy

h. Has any part of the site been classified as a critical area? If so, specify. _____
NO.

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: N/A _____

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: _____
N/A

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing. _____
NONE.

b. Approximately how many units, if any, would be eliminated? Indicate whether high-, middle- or low-income housing. _____
NONE.

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? _____
No views will be obstructed. After the project is completed the shoreline within the project area, which is currently an eroded sandy slope will, will be altered to have a rock revetment with substantial native vegetation planted.
- c. Proposed measures to reduce or control aesthetic impacts, if any: _____
Revegetation.
- _____
- _____

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? _____
N/A
- 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? _____
The project area is by an informal river access and beach used by local residents.
- b. Would the proposed project displace any existing recreational uses? If so, describe. _____
NO.
- _____
- _____

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: _____
The project will restore informal trails leading the area and construction design minimizes impacts to the informal uses as much as practicable.

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. _____
NO

- b. Generally describe any landmarks or evidence of historic archaeological, scientific or cultural importance known to be on or next to the site.
None known.

- c. Proposed measures to reduce or control impacts, if any: _____
N/A

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. _____
Clark Avenue is near site. Public access limited to informal pedestrian trails.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? N/A _____
- c. How many parking spaces would the completed project have? How many would the project eliminate? N/A _____

- 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 would occur. _____
NONE _____

(Note: to assist in review and if known indicate vehicle trips during PM peak, AM Peak and Weekday (24 hours).)

g. Proposed measures to reduce or control transportation impacts, if any: _____
N/A _____

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

c. Proposed measures to reduce or control direct impacts on public services, if any: _____
N/A

16. Utilities

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

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. N/A _____

C. SIGNATURE

I, the undersigned, swear under penalty of perjury that the above responses are made truthfully and to the best of my knowledge. I also understand that, should there be any willful misrepresentation or willful lack of full disclosure on my part, the agency must withdraw any determination of Nonsignificance that it might issue in reliance upon this checklist.

Date: 6/28/2013 Signature: William R. Peacock

Please Print or Type:

Proponent: William R Peacock Address: 909 E. Sprague Ave

Phone: 509-625-7902 Spokane, WA 99207

Person completing form (if different from proponent): John Patrouch, PE Address: URS Corporation

Phone: 509-927-7256 920 N. Argonne, Suite 300, Spokane Valley 99212

<p>FOR STAFF USE ONLY</p> <p>Staff member(s) reviewing checklist: _____</p> <p>Based on this staff review of the environmental checklist and other pertinent information, the staff concludes that:</p> <p><input type="checkbox"/> A. there are no probable significant adverse impacts and recommends a Determination of Nonsignificance.</p> <p><input type="checkbox"/> B. probable significant adverse environmental impacts do exist for the current proposal and recommends a Mitigated Determination of Nonsignificance with conditions.</p> <p><input type="checkbox"/> C. there are probable significant adverse environmental impacts and recommends a Determination of Significance.</p>
