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:

   Riverfront Park Investigations and Maintenance Activities

2. Name of applicant:

   City of Spokane Parks and Recreation (Parks)

3. Address and phone number of applicant or contact person:

   Berry Ellison, Riverfront Park Program Manager
   City of Spokane Parks and Recreation
   808 West Spokane Falls Blvd., 5th Floor
   Spokane, WA 99201; (509) 625-6276
   bellison@spokanecity.org

4. Date checklist prepared:

   March 28, 2016

5. Agency requesting checklist:

   City of Spokane Planning Services Department

6. Proposed timing or schedule (including phasing, if applicable):

   Investigations, subsurface explorations and park maintenance as currently planned in Riverfront Park:

Table 1 Sequence of Projects	
Activity/Project	**Schedule***
Southwest Corner (Recreational Rink and Skyride)	May 2016 – June 2017
Southcentral (Looff Carousel)	2016 - 2017
Howard Street Middle-Channel Bridge	2016 - 2017
North Bank	2017
Southeast Corner (Red Wagon Area)	2018
Canada Island	2019
Havermale Island	2018 - 2019
Wooden and Suspension Bridges	2019

*Schedule could shift during project development.

7. a. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

   This work is part of the Riverfront Park Master Plan that was developed in 2014 and is being designed and constructed sequentially over a period of 4 to 5 years with some projects overlapping (See Figure 1, Riverfront Park Redevelopment Master Plan).

Future additions and related activities include:

- Reconstructing the Looff Carousel and building
- Replacing the recreational rink located in the U.S. Pavilion, and constructing a new Recreational Rink/Skyride building
- Redeveloping the Pavilion/Event Center area
- Removing or rehabilitating park shelters, restrooms, maintenance and ancillary buildings in the park
- Reconstructing or rehabilitating park pedestrian bridges and pedestrian/bicycle paths.
- Reconstructing the Theme Stream water feature, shoreline restoration, landscaping, irrigation, and improvement of other park facilities including viewing areas, lighting, art, signage, and stormwater.

Past Related Projects:

Two park projects have undergone SEPA review and received Shoreline Exemptions for geotechnical investigations prior to this one, 1) the Howard Street South Channel Bridge (South Channel) and 2) the Year-Round Recreational Rink and Skyride Facility and Central Meadow. Both of these projects are located in the southwest corner of Riverfront Park. In addition, the South Channel Bridge project construction was also permitted through a Shoreline Exemption to comply with shoreline regulations. The Year-Round Recreational Rink and Skyride Facility and Central Meadow project is currently under review for a Shoreline Conditional Use Permit.

The projects are being permitted separately due to the differing schedules, contracting and funding sources, and due to their categories for permitting.

b. Do you own or have options on land nearby or adjacent to this proposal? If yes, explain.

Yes, the projects are located within city-owned Riverfront Park.

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

- Riverfront Park Master Plan, City of Spokane Parks and Recreation, 2014
- Phase I Environmental Site Assessment, Riverfront Park, GeoEngineers, 2014.
- Cultural Resources Background Study for the Riverfront Park Bridges Inspection and Analysis, KPFF Consulting Engineers, 2014.
- Draft Habitat Management Plan (HMP), GeoEngineers, 2015.
- Riverfront Park Master Plan Traffic Impact Analysis & Design Study, Morrison-Maierle, Inc., August 2015
- Spokane Riverfront Park Historic Property Inventory of Pre-1975 Resources, Spokane, Washington, CH2M, 2016
- Howard Street South Channel Bridge Replacement Project SEPA Environmental Checklist, 2016

- Year Round Recreational Rink and Skyride Facility Conditional Use Permit Application and SEPA Environmental Checklist, 2016

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.

   Shoreline exemptions were issued for the temporary Theme Stream water feature crossing geotechnical investigations, the Year-Round Recreational Rink and Skyride Facility geotechnical investigations, and the Howard Street South Channel Bridge Replacement Project (construction). A Conditional Use Permit Application (CUP) was submitted to the City of Spokane Planning on March 4, 2016 for the construction and operation of the Year Round Recreational Rink and Skyride Facility and the Central Meadow are under review.

10. List any government approvals or permits that will be needed for your proposal, if known.

    - SEPA Approval, City of Spokane
    - Shorelines Exemption, City of Spokane Planning
    - Critical Areas Review, City of Spokane Planning
    - Cultural Resources Approval

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 proposed project is to conduct investigations throughout Riverfront Park in Spokane, Washington to support the project design, construction, maintenance and operation. Activities will include but are not limited to geotechnical investigations, locating utilities, performing maintenance activities, and environmental investigations including cultural resources and hazardous materials surveys. This work is related to preparing for the replacement or repair of park bridges, proposed new park facilities and landscaping improvements. This work is needed to support the park redevelopment designs and to understand parameters for park redevelopment activities including the park bridges (Mid-Channel Bridge, Howard Street North Channel Bridge (North Channel), Wooden and Suspension Bridges, and other bridges), the Looff Carousel Building, Havermale Island (including Theme Stream water feature, north/south promenade, east/west promenade, destination point, Central Plaza, and Imax/U.S. Pavilion), Canada Island, the North Bank, the Park's maintenance building, and any other park improvements and landscaping as part of the Riverfront Park Redevelopment Project.

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 location of this proposal is within the boundary of Riverfront Park that is located in downtown Spokane. See Figure 2 (Vicinity and Location Map). The project area is generally bounded by Post Street and the west side of Canada Island on the west, Spokane Falls Blvd. to the south, Washington Street and the eastern edge of Havermale and Canada Islands to the east, and Mallon Street and the North Gateway parking area to the north (See Figure 1).

    These projects are in Section 18, Township 25 North, Range 43 East Willamette Meridian. See Figure 3 for a map of Riverfront Park that is divided into anticipated areas that will be investigated and developed in the next 4 to 5 years.

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.)

    Aquifer Sensitive Area (ASA)? Yes

    General Sewer Service Area? Yes

    Priority Sewer Service Area? Yes

    City of Spokane? 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).

        None.

    (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.

Best management practices for equipment maintenance and operations will be used to prevent leaks or spills. No chemicals will be stored onsite.

(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)?

Depths to groundwater are unknown for these project areas.

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

No.

B. ENVIRONMENTAL ELEMENTS

EARTH

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

The topography of Riverfront Park varies from flat to sloping ground with areas of basalt and grassy meadows. The Spokane River trisects the park with the North, Middle and South Channels. The southern channel is contained by vertical concrete walls (See Figure 4 for the site topography).

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

The steepest slopes are at the Spokane River's South Channel riverbanks and at the Theme Stream water feature channel where vertical concrete walls contain the river and the artificial stream.

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 soils are generally basalt rock with gravels and sands near the riverbanks. The landscaped areas have topsoils suitable to support plants. Soil types are mapped as Northstar complex and Urban Land-Northstar.

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.

Grading is minimal to none. Fills may include minor filling of:

- Bore holes for geotechnical or other investigations
- Pot holes for locating utilities or subsurface structures
- Small subsurface excavations for utility maintenance purposes
- Cultural resources, hazardous materials or other environmental subsurface investigations
- Minor filling or grading for other normal maintenance and repair activities (landscaping, sign replacement, fence repair etc.).

If bore holes need to be drilled through bridge decks to the river below, the drilling will be conducted in confined casings that will collect and contain all material. After drilling is completed, drill holes will be sealed. Most investigations shouldn't exceed 3 cubic yards per hole, although several sites may be explored or investigated concurrently. Cultural resource and hazardous materials investigations may exceed 3 cubic yards, depending upon the method of excavation (backhoe, strip units or shovel testing) and the number of excavations needed to investigate areas.

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

Temporary, minor erosion could occur during subsurface explorations, but is unlikely. Best management practices will be specified to minimize erosion and prevent transport of erosive materials.

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

There will be no change in impervious surface resulting from subsurface explorations.

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

Standard erosion control best management practices (BMPS) will be used during drilling set-up, soil investigations, operations and demobilization as necessary to minimize erosion and sedimentation and to protect water quality. This may include minimizing soil disturbance, reseeding disturbed soils, and restoring areas immediately after the investigations or maintenance activities are completed. Silt fence or other erosion control BMPS will be used as necessary.

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.

Temporary emissions will occur from drilling equipment, back hoes and construction vehicles. Minor dust may be emitted during drilling or performing subsurface excavations.

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:

Construction vehicles and equipment will be well maintained to minimize emissions. Vehicles will not be left idling unnecessarily. Dust control measures will be implemented if necessary.

1. 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. There is also a spring in the conservation reserve area on Havermale Island west of the Mid-Channel Bridge and east of the Upper Falls Power House.

(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, most of the subsurface investigations are likely to be within the 200 foot shorelines protected area. See Figure 5 that shows the 200 foot shorelines jurisdictional boundary, the 75 foot setback for buildings and the 50 foot buffer area. The number of subsurface excavations is estimated because of the high variability of the exploratory sites. The number of borings may vary based on site conditions and the proposed structure or improvement (bridge, park facilities or landscaping improvements). Generally, the number of borings will be determined based on approximately one (1) boring per 100 linear feet (e.g., the promenades) and/or 1 boring per 5,000 square feet of site area, and at a minimum depth to 20 feet or to sound rock *(Florida Atlantic University, Geology Department – Fall 1993, Advanced Engineering Geology).* Therefore, the longer a linear project or the larger the footprint area for any park facility or improvement, the more excavations needed to obtain sufficient information for design purposes. Because of site variability, more excavations than what is typical may be required. Bridge borings will be located at proposed new abutments and pier locations.

See Table 2 and Figure 5 for an estimated number of excavations throughout the park that include bore holes, test pits, pot holes and environmental investigations.

Table 2 Estimated Number of Excavations

Park Area	Test Pits[a]	Borings[b]	Pot Holes[c]	Environ-mental Surveys[d]	Totals
Southwest Corner	14 to 30	24 to 50	50	2 to 3[e]	280
Southcentral and Southeast Corner	26 to 55	24 to 55	50	2 to 4	360
Havermale Island	24 to 75	24 to 50	260	4 to 10	885
North Bank	12 to 25	12 to 25	155	2 to 4	405
Canada Island	12 to 20	12 to 20	105	1 to 4	345
Estimated Totals	88 to 205	96 to 200	620	10 to 25 (1,250)[e]	2,275

Excavations conducted for the purpose of determining:

[a]Test Pits: Soil types

[b]Drilling or Borings: Depth of soil, bedrock and groundwater; and to identify soil types

[c]Potholing: To locate utilities to avoid during construction activities, and if exploration discovers maintenance issues, includes minor maintenance activities

[d]Environmental Surveys: May include:

- Cultural resources investigations related to the possibility of discovering historic or archeological resources to be protected during construction activities
- Hazardous materials investigations to locate potentially contaminated soils onsite
- Other environmental or engineering subsurface investigations

[e]For purposes of this SEPA, it is estimated that 50 excavations may be associated with one survey. Actual surveys may have more or less excavations.

The following describes typical procedures and methodology for proposed subsurface explorations; however, the specific methods will be determined by the specialist performing the investigation(s):

Drilling or Boring: Drilling or boring will likely be performed by tubex air rotary or a hollow-stem auger. For both methods, a temporary casing is used (for hollow-stem auger drilling, the augers form the temporary casing). For tubex, air is the drilling "fluid". Drill cuttings from tubex drilling are blown out of the borehole using compressed air, and the cuttings are conveyed via tubing to a 55 gallon drum where they are captured. For auger drilling, soil cuttings will be collected and drummed.

Rock coring may also be conducted, which involves advancing a rock core barrel through the temporary casing into underlying rock. Water is used to advance the core barrel. Appropriate precautions will be implemented if rock coring is conducted to prevent return water generated during rock coring from entering the river. After drilling is completed, drill holes will be filled or sealed. Temporary displaced quantity shouldn't exceed 2 – 3 cubic yards per subsurface exploration project.

Should there be drilling from bridge decks to reach the river below; the drilling methodology (tubex air rotary) and proposed techniques (working from the bridge decking) would minimize the work and contact with the river water and river channel. A temporary casing would be used to provide a discrete and controlled environment to advance drilling below the river channel surface. This drilling method does NOT use drilling fluids and drill cuttings, and water would be managed off the bridge and above the OHWM. Quantities excavated should not exceed 2 to 3 cubic yards per bridge site.

No in-river drilling is anticipated for the Mid-Channel Bridge, therefore no drilling will occur from the bridge deck. All drilling will be conducted above the OHWM at the proposed bridge abutment locations. Method of drilling and management of cuttings will be similar to off-bridge drilling.

Potholing and subsurface site explorations: Throughout the park, pot holing and test pits will be performed where needed to locate utilities so that they are avoided during construction. It is particularly important to avoid all Avista and municipal utilities. Other subsurface excavations will be conducted for utility maintenance, for environmental investigations or other site exploration needs. Quantities excavated will be less than 50 cubic yards per site exploration project.

(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.

Drilling in uplands or within the riverbed will not place fill in the Spokane River or in the spring on Havermale Island. There will be minor (2 to 3 cubic yards) removal of soil/material for investigations at each bridge being improved or repaired. For material excavated from subsurface investigations throughout the park, the material will be replaced at the site of excavation. All other subsurface explorations/investigations will not result in fill placement in the Spokane River or at the spring on Havermale Island.

(4) Will the proposal require surface water withdrawals or diversions? Give a general description, purpose, and approximate quantities, if known.

No.

(5) Does the proposal lie within a 100-year flood plain? If so, note the location on the site plan.

Yes. All drilling and excavations within the floodplain will be occurring in a controlled area where water is maintained below the 100-year floodplain by management of the local hydro-electric facilities and would not be affected by this minor work.

(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 groundwater be withdrawn, or will water be discharged to groundwater? Give general description, purpose, and approximate quantities, if known.

Geotechnical methods may use air or some water from permitted sources but will not discharge to groundwater. Other site exploration methods will not discharge to groundwater. The removed spoils/slurry would be spread out on parkland near the cliffs that border the northern part of the North Bank area.

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.

(3) Describe any systems, other than those designed for the disposal of sanitary waste, installed for the purpose of discharging fluids below the ground surface (including systems such as those for the disposal of storm water 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 materials likely to be disposed of (including materials which may enter the system inadvertently through spills or as a result of fire-fighting activities).

None.

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

None.

(5) 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 described in 3b(2) and 3b(3)?

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 drainage is not affected by the subsurface explorations.

(2) 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 storm water disposal system discharging to surface or groundwater?

No.

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

No.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any (if the proposed action lies within the Aquifer Sensitive Area be especially clear on explanations relating to facilities concerning Sections 3b(4), 3b(5), and 3c(2) of this checklist):

Best management practices (BMPs) will be implemented to control any runoff and run-on.

4. PLANTS

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

_X_ deciduous tree: alder, maple, aspen, oak, other.
_X_ evergreen tree: fir, cedar, pine, other.
_X_ shrubs.
_X_ grass (lawn).
__ pasture
__ crop or grain.
__ wet soil plants, cattail, buttercup, bulrush, skunk cabbage, other (wet soil plants may exist near the far east end of the site).
__ water plants: water lily, eelgrass, milfoil, other.
_X other types of vegetation (ornamental plants).

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

Vegetation impacts will be primarily grass removed at boreholes, pot holes or subsurface excavation locations. Subsurface excavations will avoid trees, and will avoid shrubs and ornamental plants whenever possible. There may be normal maintenance and repair associated with landscaping, irrigation, utilities and park operations.

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

The water howellia *(Howellia aquatilis)* is the only federally listed threatened plant species in Spokane County within the project area reported by the USFWS's website on January 19, 2016. Water howellia prefers seasonal ponding and wetlands which are not available in the project area. See Attachment A for the Information for Planning and Conservation (IPaC) project report.

There are no state-listed priority plant species listed by Washington Department of Fish and Wildlife (WDFW) for this property.

d. Proposed landscaping, use of native plants, or other measures to

preserve or enhance vegetation on the site, if any:

If vegetation must be removed, it will be replaced in accordance with shoreline regulations.

The drill holes (6 to 8 inches in diameter) and pot holes (range from 6 to 12 inches in diameter) are small. Because these excavated sites will be disturbed soon after the subsurface excavations take place and the size of ground disturbance is small, no reseeding of these disturbed areas are planned. The excavations related to test pits, utilities and other investigations may be larger and will be reseeded if the related park redevelopment doesn't occur until the next year for erosion control purposes. If park redevelopment work is planned to occur within the same year, the ground surface may be postponed until installation of the new proposed landscape. Native plants will be incorporated into the new landscape design as practicable.

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, bald eagle, songbirds, other:

mammals: white-tailed deer, bear, elk, beaver, other: marmots, voles, mice

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

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

Federally listed species reported on the USFWS's IPAC report for the project area is Bull Trout (Salvelinus confluentus), yellow billed cuckoo *(Coccyzus americanus),* gray wolf *(Canis lupus),* and Canada lynx *(Lynx Canadensis).* Bull Trout habitat has been designated by the United States Fish and Wildlife Service (USFWS) to be limited to only those river areas upriver of the City of Spokane's Upriver Dam. Bull trout do not occur in the project area. The project area is in a park in the urbanized downtown Spokane and there is no suitable habitat for yellow-billed cuckoo, gray wolf or Canada lynx in the project area.

There are no state-listed species listed in the project area based on the WDFW's Priority Habitats and Species List. However, under the City of Spokane's Habitat database, it includes the following birds for protection: Bald Eagle *(Haliaeetus leucocephalus)*, Osprey *(Pandion haliaetus)* and Red-Tailed Hawks *(Buteo jamaicensis)*. There is a known osprey nest in Kendall Yards that is more than 0.25 miles from the Post Street/Spokane Falls Boulevard intersection.

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

Yes. Bald eagles and waterfowl migrate through the Spokane River corridor (see IPaC Report in Attachment A for migratory bird listing). Trout and other fish species may migrate within river segments on a seasonal or yearly basis.

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

None, native vegetation will be minimized as practicable. Operating drilling and performing other types of excavations will incorporate the use of BMPs to protect water quality.

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.

Not applicable.

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.

Hazardous materials may be found during subsurface excavating because the park was previously a railroad yard and an industrial complex where spills may have occurred. Also, debris from historic City fires may have been deposited throughout parklands.

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

None. If hazardous materials are encountered, they would be properly handled and disposed of per federal, state and local regulations.

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

Workers will be observant for hazardous materials while performing drilling operations. If unusual soil conditions are noticed (e.g., discoloration or oily materials), drilling of the subject area will stop until soils are tested to either validate soil acceptability or identify soil chemical concentrations that require soil removal, disposal and replacement. Appropriate agencies will be contacted as necessary.

b. Noise:

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

No existing noise will affect this work.

(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.

During drilling and other subsurface excavating, noise will be created by drilling and excavating activities. These activities will normally occur between 7 AM and 5 PM, Monday through Friday. Noise and other temporary impacts will be coordinated with the other park uses.

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

Conduct work during hours mentioned above. Equipment will not be left idling for long periods.

8. LAND AND SHORELINE USE

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

Riverfront Park is currently used for recreational purposes as a public park. Adjacent properties to the south are the Riverfront Mall, INB Performing Arts Center, the Convention Center and commercial properties; to the west and south of Post Street Bridge is City Hall and the historic Washington Water Power (WWP) substation; to the west and north of Post Street Bridge is Anthony's restaurant and other commercial buildings; to the north are commercial properties including the Flour Mill, Broadway Dairy, Red Lion Inn at the Park, and other commercial properties along with the Spokane Veteran's Memorial Arena; and to the west is the Division Street Bridge (See Figure 6).

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

No.

c. Describe any structures on the site.

See Table 3 below for a list of structures (bridges and park facilities) and also view Figure 6.

Table 3: Structures in Riverfront Park	
Bridge or Structure	**Park Location**
Howard Street South Channel Bridge	Middle portion and in the south
Howard Street Mid-Channel Bridge	Middle portion (centrally located)
Howard Street North Channel Bridge	Middle portion and in the north
Suspension Bridges	Northwest corner
Wooden Bridges	Southcentral and northeast corners
Washington Street Bridges and Tunnel	Eastern part of Havermale Island
Theme Stream Water Feature	Southwest corner
Upper Falls Gatehouse	Southwest corner
Gondola (Skyride)	Southwest corner
Red Wagon	Southeast corner
Looff Carousel	Southcentral
Rotary Fountain	Southcentral
Fountain Café	Southwest to Southcentral
Clock Tower	Southeast corner of Havermale Is.
U.S. Pavilion and Imax	Northeast part of Havermale Island
U.S. Forestry Building	Northeast part of Havermale Island
Upper Falls Power House	Northwest corner of Havermale Is.)
Timber Shelters	Northwest corner of Havermale Is.)
British Columbia Pavilion (Storage Bldg.)	Canada Island
Alberta Amphitheater	Canada Island
Lilac Gate	North Bank
Park Maintenance Bldg.	North Bank
Wooden Shelters	North Bank
Sculptures	Throughout the Park
Expo ’74 Infrastructure	Throughout the Park

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

No. Not for the subsurface explorations, investigations or park maintenance.

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

Downtown General (DTG-150 and DTG-70) is the zoning district.

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

Open Space.

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

Intensive Urban Environment

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

The site lies over the Spokane Valley Rathdrum Aquifer. The project is within the jurisdiction of the City of Spokane Shoreline Master Program.

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

Not applicable.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measure 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:

Not applicable.

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?

There will be no proposed structures as a result of the subsurface site explorations.

b. What views in the immediate vicinity would be altered or obstructed?

There may be minor and temporary blockage of views caused by the placement of the drilling or excavating equipment or temporary fencing to restrict the public from the excavation areas and equipment.

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

The drilling activities and subsurface explorations will be of short duration. The diameter of boring holes is small (6 to 8 inches in diameter) and other subsurface investigations will result in removal and replacement of small quantities of soil (usually 2 to 3 cubic yards per exploration/investigation and not exceeding 50 cubic yards). Revegetation will take place as noted in section 4.d.

11. LIGHT AND GLARE

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

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

None.

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

Not applicable.

12. RECREATION

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

A variety of recreational opportunities are available throughout the park including riding the nearby carousel and the gondola (Skyride), recreational fishing, bird watching, playing in the fountain and at the children's playground, dining out, picnicking, running/walking, bicycling, rollerblading, skate boarding, and train rides. The park is also used for seasonal festivals and events.

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

No. There may be temporary detours to direct the public around the investigations or maintenance activities. An alternate accesses to recreational

amenities will be provided.

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

Parks will coordinate closely with planned recreational activities and will consider potential impacts from the investigations and maintenance activities on recreational opportunities. Subsurface exploration, investigative and maintenance activities will be separated from public access to help ensure public safety.

13. HISTORICAL 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.

This work is located in the Spokane River Historic District.

A historic inventory of the park was conducted with recommendations for resources for preliminary NRHP listings as shown in Table 4 and Figure 6.

Table 4. Historical Resources Located within the Historic Property Inventory Survey Area

Resource No.	Resource Historical Name Address (if available)	Year Built	Inventoried	Historic Significance Status
Historical resources 1-16 contribute to the Expo '74 Historic District				
1	Theme Stream Water Feature No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
2	Skyride No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
3	Bavarian Garden (Building Only) No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
4	South Forebay Bridges and North Channel Bridge No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
5	Washington Street Bridges and Tunnel * No address - in Riverfront Park	1973 1984	Yes	Contributing resource to Expo '74 Historic District (the bridge constructed in 1984 is not a contributing element)

Table 4. Historical Resources Located within the Historic Property Inventory Survey Area				
Resource No.	**Resource Historical Name Address (if available)**	**Year Built**	**Inventoried**	**Historic Significance Status**
6	Great Northern Clock Tower No address - in Riverfront Park	1902	No	WHR Listed, Contributing resource to Expo '74 Historic District
7	Washington State Pavilion (and Floating Platform) 334 W. Spokane Falls Blvd.	1974	Yes	Contributing resource to Expo '74 Historic District
8	American Forest Pavilion No address – in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
9	United States Pavilion No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
10	British Columbia Pavilion No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
11	Inspiration Point No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
12	Alberta Amphitheater No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
13	Timber Shelters (6)** No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District (5 of the 6 shelters are contributing resources)
14	Suspension Bridges (2) No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
15	Sculptures (6) and Lilac Gate Butterfly No address - in Riverfront Park	1974	Yes	Contributing resource to Expo '74 Historic District
16	Infrastructure (retaining walls, benches, water fountains and circulation routes)	1974	Yes	Contributing resource to Expo '74 Historic District

Table 4. Historical Resources Located within the Historic Property Inventory Survey Area				
Resource No.	**Resource Historical Name Address (if available)**	**Year Built**	**Inventoried**	**Historic Significance Status**
	No address - in Riverfront Park			
Resources 17- 37 are additional historical resources located within Historic Property Inventory Survey Area				
17	Natatorium Carrousel No address – in Riverfront Park	1909	No	Listed in the NRHP
18	Upper Falls Power plant No address – in Riverfront Park	1922	No	Determined Eligible (1988), partial HAER 1998, integrity intact
19	Washington Water Power Upper Falls HED Gate House No address - in Riverfront Park	1922	Yes	Eligible
20	Howard Street Mid-Channel Bridge No address - in Riverfront Park	1916	No	Eligible (WSDOT 2015)
21	Howard Street North Channel Bridge No address - in Riverfront Park	1909	No	Eligible (WSDOT 2015)
22	Howard Street South Channel Bridge No address - in Riverfront Park	1921	Yes	Not eligible
23	Expo ’74 Services Building 809 N Washington	1950	Yes	Not eligible
24	World’s Fair ’74 Off Site Business Office 601 W Mallon	1964	Yes	Not eligible
25	Unknown 933 N Washington	1954	Yes	Not eligible
26	Unknown 433 W Dean	1910	Yes	Not eligible
27	Unknown 444 W Cataldo	1914	Yes	Not Eligible
28	Unknown 522 W Cataldo	1945	Yes	Not eligible

Table 4. Historical Resources Located within the Historic Property Inventory Survey Area				
Resource No.	**Resource Historical Name Address (if available)**	**Year Built**	**Inventoried**	**Historic Significance Status**
29	Unknown 920 N. Howard	1904	Yes	Not eligible
30	Unknown 908 N. Howard	1906	Yes	Not eligible
31	Unknown 427 West Cataldo	1948	Yes	Not eligible
32	Broadview Dairy 411 Cataldo	1910	No	Listed in Spokane Historic Register
33	Holmes Block 628 N. Monroe	1904	No	Listed in Spokane Historic Register
34	Phair Building 618-626 N. Monroe	1911	Yes	Not eligible
35	New Wellington Hotel 602-606 N. Monroe	1907	Yes	Not eligible
36	Polynesia Restaurant 520 North Lincoln	1964	Yes	Not eligible
37	Post Street Bridge Across Spokane River	1917	Yes	Not eligible

**The bridge constructed north of the Washington Street tunnel was constructed in 1984 and is not a contributing element to the Expo '74 Historic District.*
*** One of the timber shelters located west of the Post Street Bridge is not within the original Expo '74 site and therefore is not a contributing resource to the Historic District.*

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

Riverfront Park was the site of Expo '74, a significant event to the City of Spokane. The Expo resources are described in the *Spokane Riverfront Park Historic Property Inventory of Pre-1975 Resources, Spokane, WA* and are also listed in Table 4 above. Prior to Expo '74, this site was an industrial and railyard complex with a variety of businesses, and the location of a historic City Hall and a China Town type area. Parks is working closely with the Spokane Tribe who will be conducting archeological reviews, surveys, evaluations and reports for all subsurface activities in the park. Parks is also coordinating with the Department of Archeological and Historic Preservation (DAHP) and the United States Army Corps of Engineers for any activities requiring Section 106 compliance (e.g., South Channel and Mid-Channel Bridge replacements).

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

An inadvertent discovery plan, as requested by the Spokane Tribe of Indians, will be prepared (See Attachment B for a copy of a project review letter from Randy Abrahamson, Spokane Tribal Historic Preservation Officer.

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.

West Spokane Falls Boulevard provides access to the park from the south, North Post Street from the west, West Mallon Avenue/North Howard Street from the northwest and Washington Street from the northeast and southeast.

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

Yes, Riverfront Park is served by public transit (approximately 700 to 1,000 ft., depending upon the location within the project area).

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 would occur.

None.

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

Traffic control will be implemented if there will be equipment along the roadway. However this would be short in duration.

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:

Emergency service access to the park will be maintained during construction.

UTILITIES

a. Underline 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 the immediate vicinity which might be needed.

There may be potholing or excavation to locate, maintain and repair utilities as necessary.

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: _____ Signature: _____

Please Print or Type:

Proponent: City of Spokane Parks and Recreation Division Address: 808 West Spokane Falls Boulevard, City Hall, 5th Floor, Spokane, WA 99201

Phone: (509) 625-6276 (Berry Ellison)

Person completing form: Marlena Guhlke, R.S.
Address: CH2M HILL, 999 W. Riverside Ave., Suite 500

Phone**:** (509) 464-7245

FOR STAFF USE ONLY

Staff member(s) reviewing checklist: _____

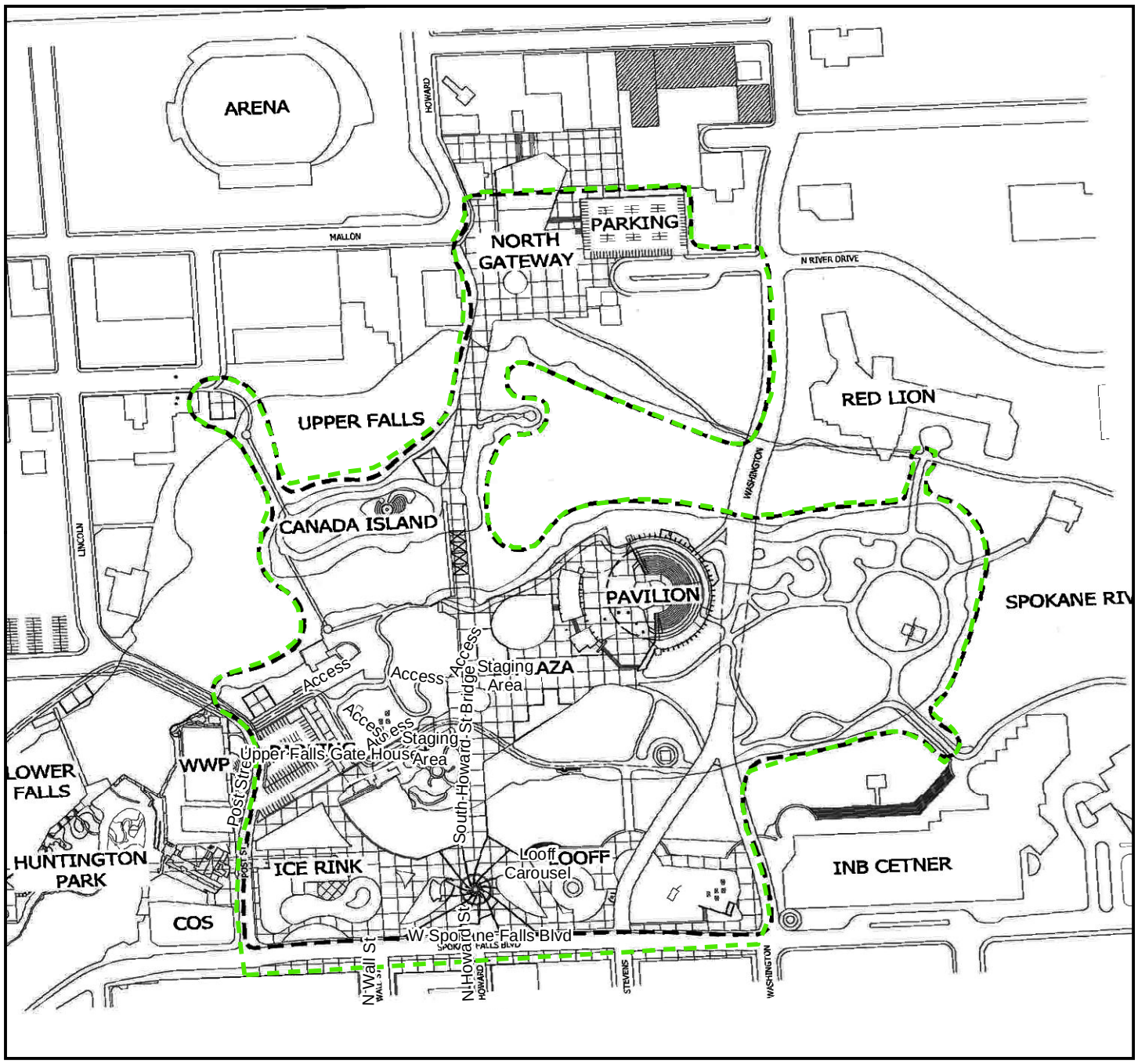
Based on this staff review of the environmental checklist and other pertinent information, the staff concludes that:

__A. There are no probable significant adverse impacts and recommends a Determination of Nonsignificance.

__ B. Probable significant adverse environmental impacts do exist for the current proposal and recommends a Mitigated Determination of Nonsignificance with conditions.

__ C. There are probable significant adverse environmental impacts and recommends a Determination of Significance.

Figures
Riverfront Park



Legend

Proposed Riverfront Park Redevelopment Project's Boundary

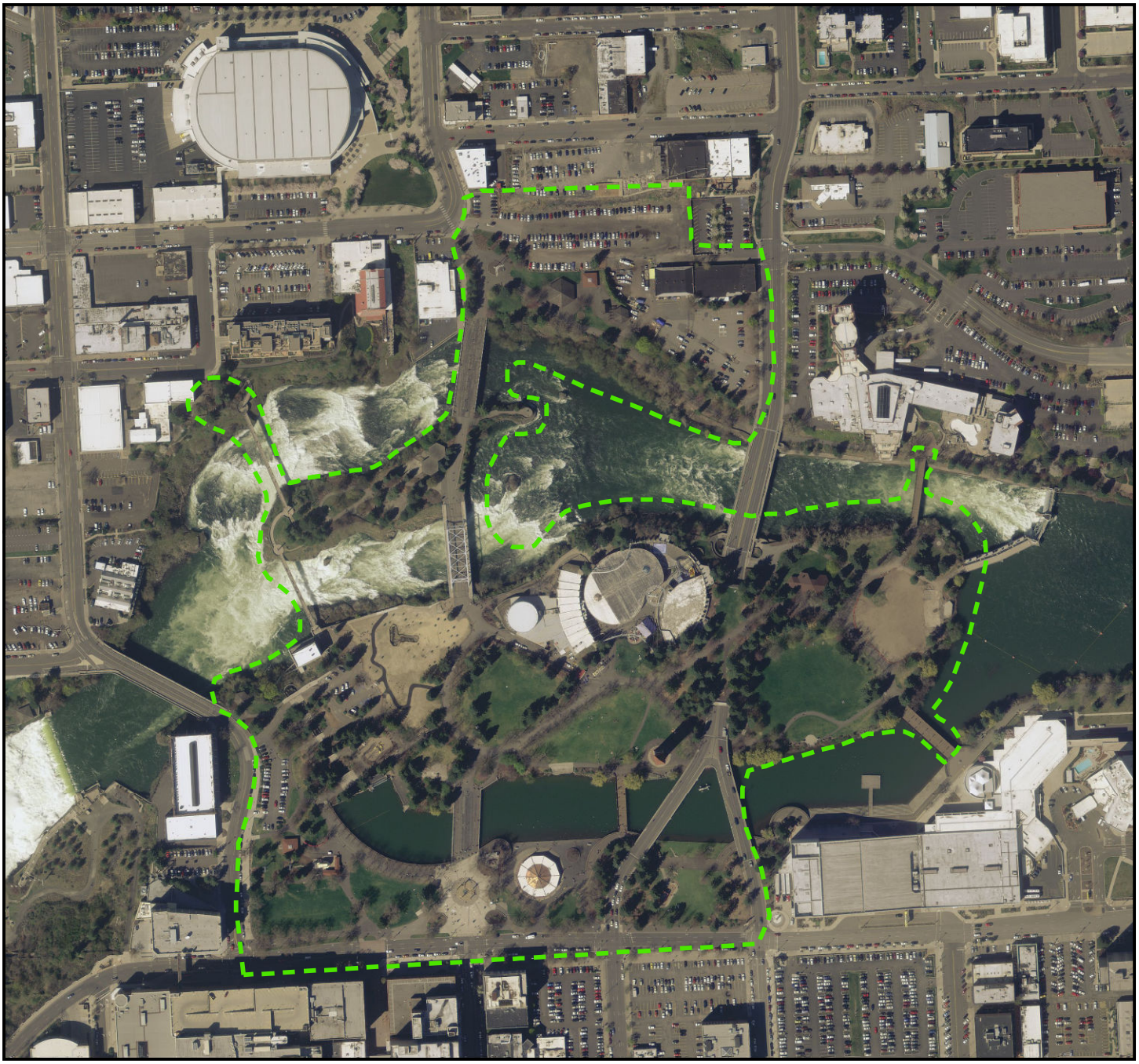
Image Source:City of Spokane
Department of Engineering Services

N

0 100 200 300 400 500
Feet

Figure 1
Riverfront Park Redevelopment, Master Plan
Spokane Riverfront Park, Park-wide Subsurface Explorations
Spokane County, Washington

\\TCAFPP01\Groups\CulturalResources\GISData\GIS_Projects\Cultural_Projects\Howard_St_Bridge_WA\MXDs\River_Front_Park_Vicinities_Surface_Explorations_Fig1.mxd



Legend

Proposed Riverfront Park Redevelopment Projects Boundary

N

0 100 200 300 400 500 Feet

Figure 2
Vicinity and Location Map
Spokane Riverfront Park, Park-wide Subsurface Explorations
Spokane County, Washington

\\TCAFPP01\Groups\CulturalResources\GISData\GIS_Projects\Cultural_Projects\Howard_St_Bridge_WA\MXDs\River_Front_Park_Vicinities_Surface_Explorations_Fig2a.mxd

Legend

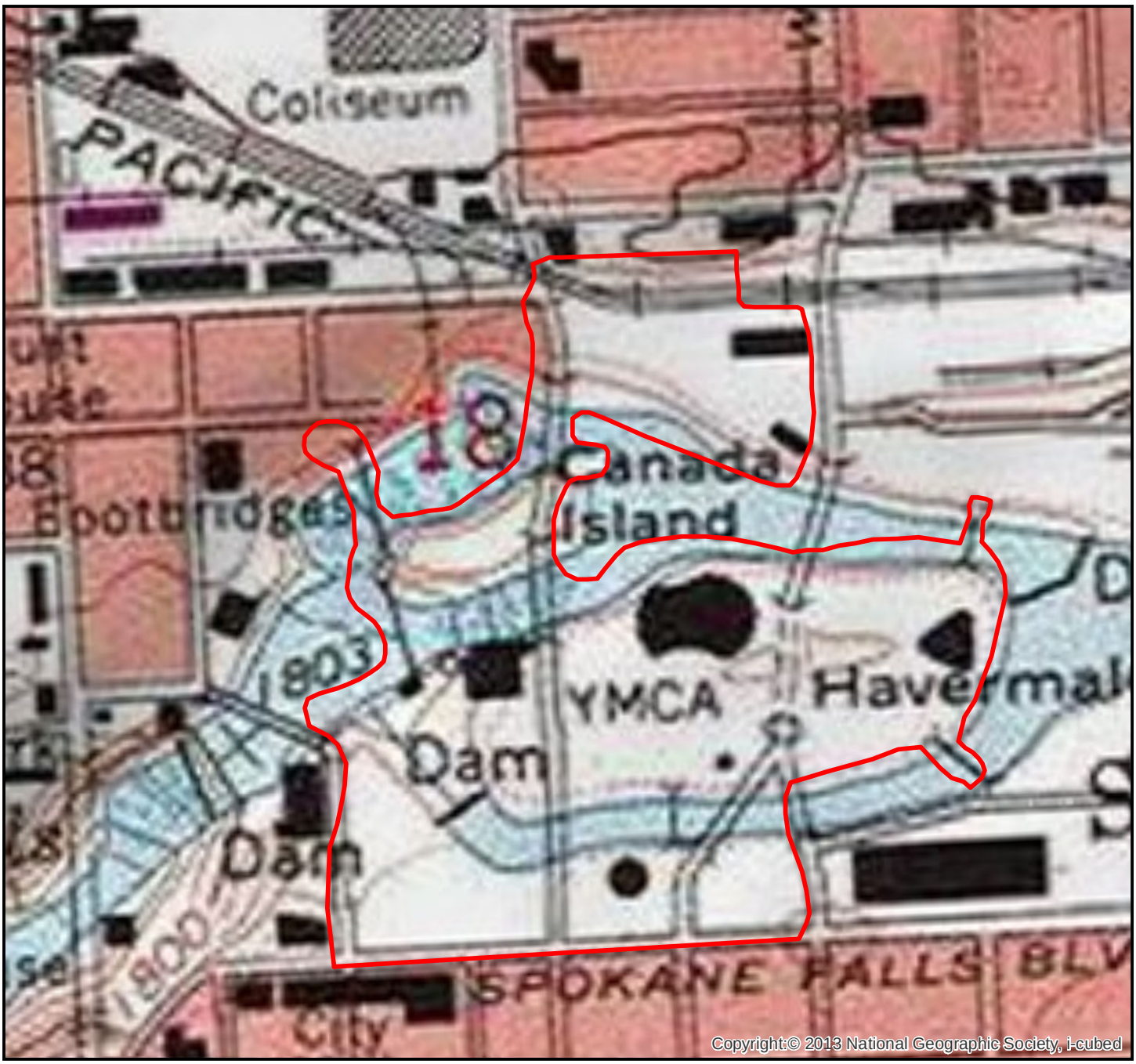
- Proposed Riverfront Park Redevelopment Projects Boundary
- Redevelopment Phases

N

0 100 200 300 400 500
Feet

Figure 3
Project Sequencing
Spokane Riverfront Park, Park-wide Subsurface Explorations
Spokane County, Washington

\\TCAFPP01\Groups\CulturalResources\GISData\GIS_Projects\Cultural_Projects\Howard_St_Bridge_WA\MXDs\River_Front_Park_Vicinities_Surface_Explorations_Fig3a.mxd



Legend

Proposed Riverfront Park Redevelopment Projects Boundary

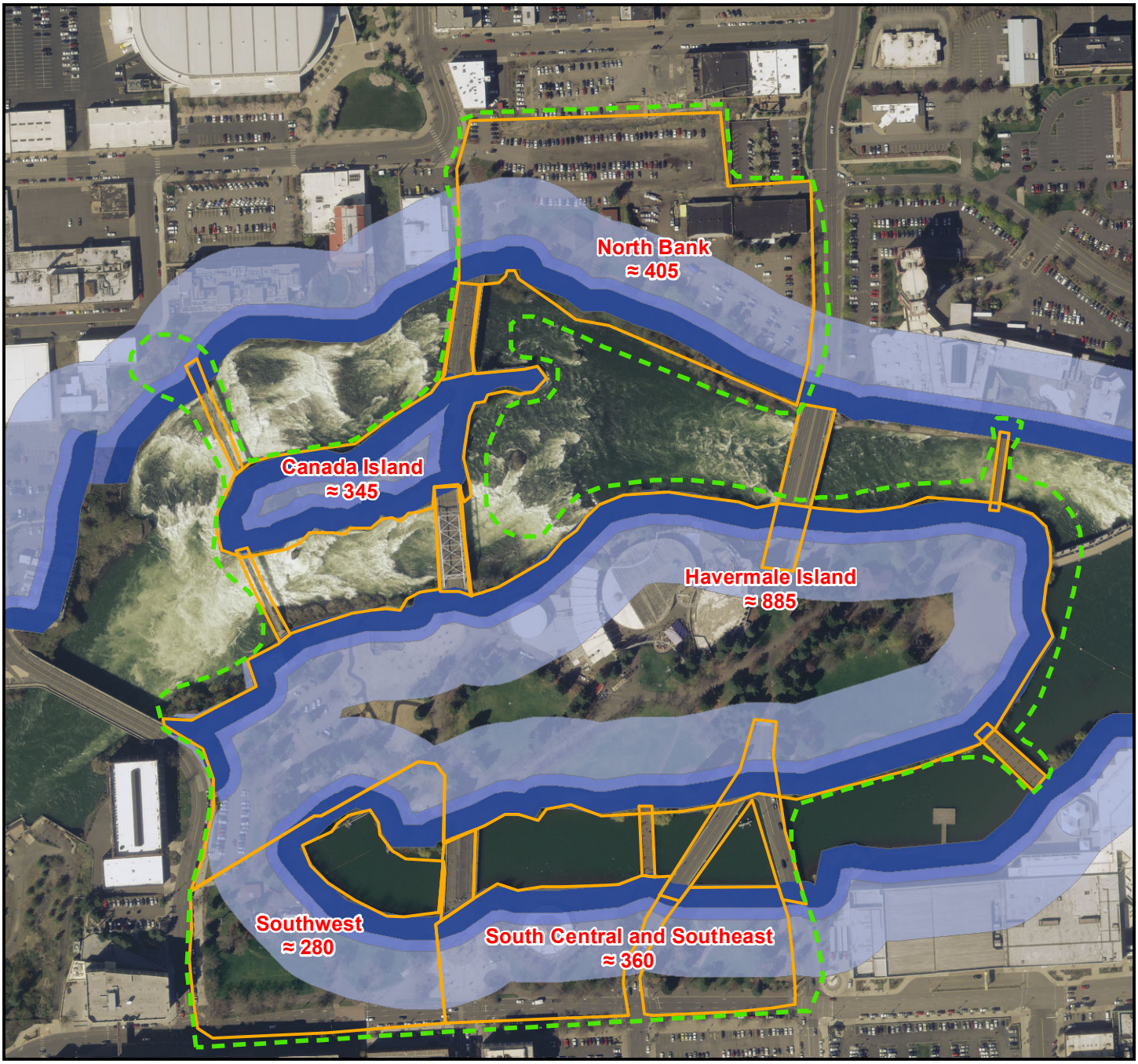
Spokane North West 7.5 USGS Quad, 1998
Township 25 N, Range 43 E Section 18

N

0 100 200 300 400 500
Feet

Figure 4
Topographical Map
Spokane Riverfront Park, Park-wide Subsurface Explorations
Spokane County, Washington

\\TCAFPP01\Groups\CulturalResources\GISData\GIS_Projects\Cultural_Projects\Howard_St_Bridge_WA\MXDs\River_Front_Park_Vicinities_Surface_Explorations_Fig4a.mxd



Legend

- Proposed Riverfront Park Redevelopment Projects Boundary
- Redevelopment Phases
- 50 Foot Buffer
- 75 Foot Setback
- 200 Foot Shorelines Boundary

Red Text = Estimated excavation numbers per park area.

N

0 100 200 300 400 500 Feet

Figure 5
Park Areas Showing Estimated Excavation Numbers
Spokane Riverfront Park
Park-wide Subsurface Explorations and Shorelands
Spokane County, Washington

\\TCAFPP01\Groups\CulturalResources\GISData\GIS_Projects\Cultural_Projects\Howard_St_Bridge_WA\MXDs\River_Front_Park_Vicinities_Surface_Explorations_Fig5a.mxd

Legend

Proposed Riverfront Park Redevelopment Projects Boundary

Redevelopment Phases

Historic Resource Key Buildings or Structures

Number	Resource Name
1	WWP Substation
2	City Hall
3	River Park Square Mall
4	Skyride (Gondola)
5	Fountain Café
6	Rotary Fountain
7	Looff Carousel
8	Wooden Bridge – to Clock Tower
9	Clock Tower
10	INB Performing Arts Center and Convention Center
11	Wooden Bridge – Convention Center to Halvermale Island
12	Wooden Bridge – Halvermale Island To Red Lion Inn at the Park

Number	Resource Name
13	Red Lion Inn at the Park
14	U.S. Pavilion
15	Imax Theator
16	Flour Mill
17	Spokane Veteran's Memorial Arena
18	Suspension Bridges
18	Suspension Bridges
19	Upper Falls Power House
20	Theme Stream Water Feature
21	Upper Falls Gate House

N

0 100 200 300 400 500

Feet

Figure 6
Historic Resources and Key Buildings/Structures
Spokane Riverfront Park, Park-wide Subsurface Explorations
Spokane County, Washington

\\TCAFPP01\Groups\CulturalResources\GISData\GIS_Projects\Cultural_Projects\Howard_St_Bridge_WA\MXDs\River_Front_Park_Vicinities_Surface_Explorations_Fig6c.mxd

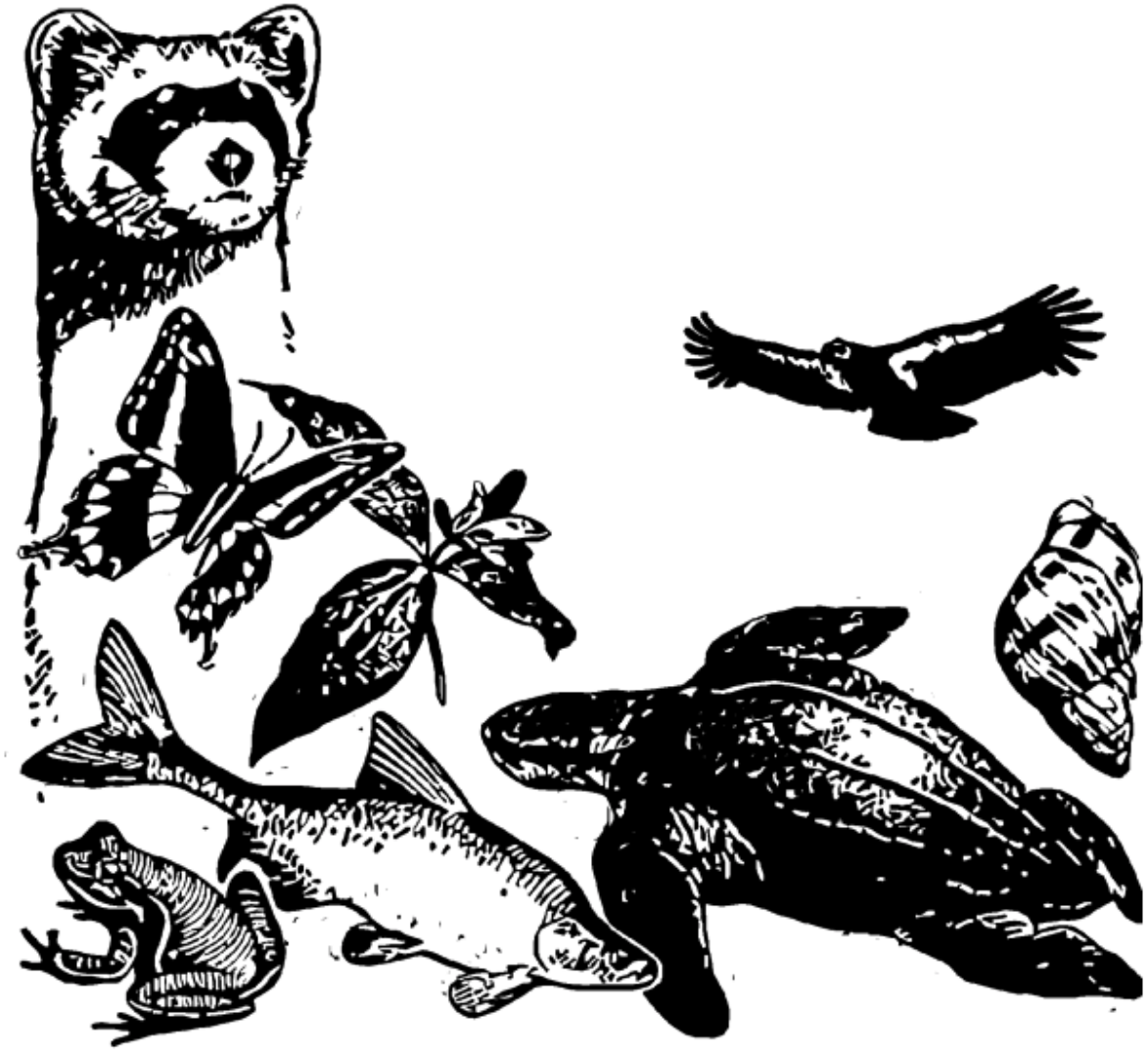
Attachment A
IPaC Trust Resource Report

Riverfront Park Development

IPaC Trust Resource Report

Generated January 19, 2016 11:34 AM MST, IPaC v2.3.2

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.



IPaC - Information for Planning and Conservation (https://ecos.fws.gov/ipac/): A project planning tool to help streamline the U.S. Fish & Wildlife Service environmental review process.

US Fish & Wildlife Service

IPaC Trust Resource Report

NAME

Riverfront Park Development

LOCATION

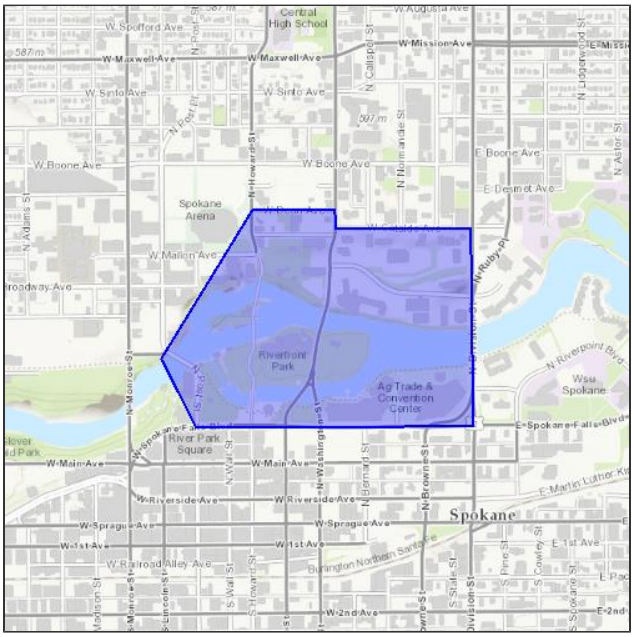
Spokane County, Washington

DESCRIPTION

Replace or repair Riverfront Park Bridges and replace or improve ice skating rink, Loof Carrousel, and facilities on Havermale Island including the Pavilion, Canada Island and North Bank.

IPAC LINK

https://ecos.fws.gov/ipac/project/BEXG6-TUBZ5-DIZIZ-TTNGF-JEUY2A



U.S. Fish & Wildlife Contact Information

Trust resources in this location are managed by:

Washington Fish And Wildlife Office
510 Desmond Drive Se, Suite 102
Lacey, WA 98503-1263
(360) 753-9440

Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the Endangered Species Program of the U.S. Fish & Wildlife Service.

This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.

For project evaluations that require FWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list from the Regulatory Documents section in IPaC.

The list of species below are those that may occur or could potentially be affected by activities in this location:

Birds

Yellow-billed Cuckoo Coccyzus americanus — Threatened

CRITICAL HABITAT
There is **proposed** critical habitat designated for this species.

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B06R

Fishes

Bull Trout Salvelinus confluentus — Threatened

CRITICAL HABITAT
There is **final** critical habitat designated for this species.

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E065

Flowering Plants

Water Howellia Howellia aquatilis — Threatened

CRITICAL HABITAT
No critical habitat has been designated for this species.

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2RM

Mammals

Canada Lynx Lynx canadensis — Threatened

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A073

Gray Wolf Canis lupus — Endangered

CRITICAL HABITAT

No critical habitat has been designated for this species.

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A00D

Critical Habitats

There are no critical habitats in this location

Migratory Birds

Birds are protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

Additional information can be found using the following links:

- Birds of Conservation Concern
  http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Conservation measures for birds
  http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Year-round bird occurrence data
  http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php

The following species of migratory birds could potentially be affected by activities in this location:

Bald Eagle Haliaeetus leucocephalus — Bird of conservation concern
Year-round
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B008

Brewer's Sparrow Spizella breweri — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HA

Calliope Hummingbird Stellula calliope — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0K3

Ferruginous Hawk Buteo regalis — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B06X

Flammulated Owl Otus flammeolus — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0DK

Fox Sparrow Passerella iliaca — Bird of conservation concern
Season: Breeding

Lewis's Woodpecker Melanerpes lewis — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HQ

Peregrine Falcon Falco peregrinus — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0FU

Rufous Hummingbird selasphorus rufus — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0E1

Short-eared Owl Asio flammeus — Bird of conservation concern
Year-round
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HD

Swainson's Hawk Buteo swainsoni — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B070

Western Grebe aechmophorus occidentalis — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0EA

Willow Flycatcher Empidonax traillii — Bird of conservation concern
Season: Breeding
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0F6

Refuges

Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuges in this location

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

This location overlaps all or part of the following wetlands:

Riverine

R3UBH 554.0 acres

A full description for each wetland code can be found at the National Wetlands Inventory website: http://107.20.228.18/decoders/wetlands.aspx

Attachment B
Tribal Correspondence

December 22, 2015

Marlena Guhlke
Senior Environmental Scientist

RE: Riverfront Park Redevdopment Project

Ms. Guhlke:

Thank you for inviting the Spokane Tribe of Indians to be a consulting party is greatly appreciated.

We have reviewed the scope of work forwarded to our office for the project mention above; we are concerned that the project area potentially contains cultural resources which would be impacted by the proposed ground disturbing action.

Expressing the Spokane tribe concern in this sensitive area, this area has lot of history and TCP affected geographic area that be impacted, this project may require a COR permit, that might trigger section 106.

Recommendation: Cultural Survey Sub-surface testing and monitoring. Also an Inadvertent Discovery plan implemented into the scope or work.

There are some unique features that would like to discuss with you such as interpretation and signage, tribal history of this sacred place, renaming Canada Island.

However if any artifacts or human remains are found upon excavation activity this office is to be notified and the immediate area cease.

Should additional information become available our assessment may be revised.

Again thank you for this opportunity to comment and consider this a positive action that will assist us in protecting our shared heritage.

If questions arise, please contact me at (509) 258 – 4315.

Sincerely,

Randy Abrahamson
Tribal Historic Preservation Officer