



April 11, 2013

Mr. Bill Peacock, PE
City of Spokane
Wastewater Management Department
909 E. Sprague
Spokane, Washington 99202

**Subject: Clark Avenue Lift Station Riverbank Stabilization
Permit Application Instructions
URS Project No.: 36310177**

Dear Mr. Peacock:

Permit applications for the above referenced project need to be sent to the City of Spokane, the Washington Department of Fish and Wildlife and the Army Corps of Engineers.

Permit packages for each of these agencies has been divided into separate directories.

City of Spokane – you will need to sign:

- the General Application,
- the JARPA application with attachments – attachments are the photos and plans. There are two copies of the JARPA , one is in word and unsigned, the other is a pdf and signed by me as an agent but you still need to sign that one if used. I suggest that you use the pdf.,
- the Critical Areas Checklist,
- the Floodplain Permit Application, and
- the SEPA checklist.

I also understand that there is a fee from the planning department that will be handled by transferring funds from Wastewater to Planning.

WDFW

The signed JARPA with attachments from above, (note that there is an un-signed copy in the directory that will need to be replaced) and a check for \$150 need to be sent to WDFW. Note that the check number needs to be added to page 13 of the JARPA application.

Washington Department of Fish and Wildlife
PO BOX 43234
Olympia, Washington 98504-3234
HPAapplications@dfw.wa.gov

US Army Corps

The signed JARPA with attachments, the plan set needs to be 8-1/2” by 11” (included in the directory) needs to be sent to:

U.S. Army Corps of Engineers
Seattle District
Regulatory Branch
P.O. Box 3755 Seattle, WA 98124-3755

I have tried to contact Jess Jordan (206-316-3967) who is responsible for permits in Spokane County to discuss cultural resource requirements for this project. We have not connected yet and there will likely be additional documentation needed to support the application.

Design Directory

We have also included a design directory that contains the plans, a short design memo and calculations, a cost estimate and technical specifications for your review and use. We will need to make a decision on how the project will be bid, collect the contract documents from the city and revise the technical specifications.

If you have any questions or would like assistance processing any of these applications please contact us.

Sincerely,

URS Corporation



John C. Patrouch, PE

Senior Civil/Environmental Engineer



DESCRIPTION OF PROPOSAL:

Clark Avenue Streambank Stabilization Project. Streambank stabilization activities on the south bank of the Spokane River immediately upstream of the Clark Avenue Lift Station. Project includes placement of rock revetment and re-vegetation of the project site.

ADDRESS OF SITE OF PROPOSAL: (if not assigned yet, obtain address from Public Works before submitting application)

Located on city parkland close to 2334 Clark Avenue (Peaceful Valley neighborhood)

APPLICANT:

Name: Bill Peacock, City of Spokane Wastewater Management
Address: 909 East Sprague Avenue Spokane WA 99202
Phone (home): N/A **Phone (work):** 509-625-7902
Email address: bpeacock@spokanecity.org

PROPERTY OWNER:

Name: City of Spokane Parks Department
Address: 808 West Spokane Blvd, Spokane, WA 99201
Phone (home): N/A **Phone (work):** N/A
Email address: N/A

AGENT:

Name: John Patrouch, URS Corporation
Address: 920 N Argonne, Spokane Valley, 99212
Phone (home): Cell 509-290-2112 **Phone (work):** 509-944-3819
Email address: John.patrouch@urs.com

ASSESSOR'S PARCEL NUMBERS:

25133.1716, 25133.1715

LEGAL DESCRIPTION OF SITE:

N/A

SIZE OF PROPERTY:

N/A

LIST SPECIFIC PERMITS REQUESTED IN THIS APPLICATION:

Shoreline Conditional Use Permit
SEPA

City of Spokane Conditional Use Permit Application

Project: Clark Avenue Streambank Stabilization Project
Application Prepared: May 13, 2013
Prepared by: John Patrouch, PE, URS Corporation

1. List the provisions of the land use code that allows the proposal.

The project is for bank stabilization to protect a sanitary sewer line and manhole from breaking and falling into the river. The Shoreline Master Program Chapter 17E.060.400 provides regulations for Shoreline Stabilization and Chapter 17E.060.490 for Capital Facilities and Utilities, paragraph L discusses maintenance projects.

2. Please explain how the proposal is consistent with the comprehensive plan designation and goals, objectives and policies for the property.

The Comprehensive plan designation is Conservation/Open Space. The project is intended to stabilize the streambank to protect city infrastructures (sanitary sewer line) from damage.

3. Please explain how the proposal meets the concurrency requirements of SMC Chapter 17D.010.

The project is exempt from the concurrency requirements according to SMC 17D.010.030 (E) (6).

4. If approval of a site plan is required, demonstrate how the property is suitable for the proposed use and site plan. Consider the following: physical characteristics of the property, including but not limited to size, shape, location, topography, soils, slope, drainage characteristics, the existence of ground or surface water and the existence of natural, historic or cultural features.

Approval of a site plan is not required for this project. The streambank stabilization project and access to the project site will occur on existing city owned property. Current uses are informal river access and access and use will not be changed due to this project.

5. Please explain any significant adverse impact on the environment or the surrounding properties the proposal will have and any necessary conditions that can be placed on the proposal to avoid significant effects or interference with the use of neighboring property or the surrounding area, considering the design and intensity of the proposed use.

Impacts to the property will include a rock revetment to stabilize the riverbank, re-vegetation of the project area, and minor modifications to the informal access foot

paths. The project will stabilize the bank preventing damage to a sanitary sewer and possible discharges of raw sewage into the Spokane River.

(FOLLOWING QUESTIONS FOR SHORELINE CONDITIONAL USE PERMIT ONLY)

6. Demonstrate how the proposed use will not interfere with the normal public use of the public shorelines.

Public use of this informal beach will continue after construction is complete. During construction, public access will not be permitted during working hours.

7. Please explain how the cumulative impact of several additional conditional use permits on the shoreline in the area will not preclude achieving the goals of the shoreline master program.

Cumulative impacts to the shoreline are possible for projects of this type if continued along the shoreline. This project stabilizes an isolated eroding area, does not impact channel migration, will allow for continued public use of the informal beach, and will re-vegetate portions of the shoreline. The project area has been destabilized, possibly from limited vegetation, public use, past construction practices, soils and river action or a combination of all these factors. Upstream the bank appears to be stable and is well vegetated, the Clark Avenue Lift Station is located downstream on a river bench and utilities are located away from the shoreline. No additional stabilization work is anticipated.

CITY OF SPOKANE PLANNING SERVICES DEPARTMENT

Shorelines/Critical Areas Checklist

To be completed in addition to application materials

The Shorelines/Critical Areas Checklist is to be filled out by any person preparing a Land Use Permit Application for the City of Spokane. The purpose of the Checklist is to enable City staff to determine whether any potential Shoreline or Critical Areas are, or may be, present on the subject property. The information you provide will help you and reviewing agencies comply with critical area regulations that assure the protection of public and private property, public safety, and the values and functions of environment, water quality, and fish and wildlife in Spokane. This checklist does not constitute project approval.

A property owner or his/her authorized representative, must fill out the checklist, sign and date it, and submit it to the City as part of a Land Use Permit application process. The City will review the checklist and may also field check the site to make a determination of the subsequent steps necessary to complete a land use permit application.

Directions: Please fill out the checklist to the best of your knowledge. The information should be easily available from site observations, agency websites, or data available at City Hall. Complete answers will help expedite this process. Maps, supporting data, drawings to scale, and photos must accompany this checklist.

PLEASE PRINT CLEARLY

Property Owner Name City of Spokane (Bill Peacock) Agent Name N/A
Address 808 West Spokane Blvd, Spokane WA Address _____
Telephone 509-625-7902 Telephone _____
Email bpeacock@spokanecity.org Email _____

1. Site Information (Attach area, topographical, and orthographic maps, and photos)

Site/Address/Location **2334 Clark Avenue (approx)**
Property Tax Parcel Number **25133.1716, 25133.1715**
Approximate parcel size (acres or sq. ft.) **N/A**
Land Use Designation **Conservation/Open Space**
Zoning Designation **Residential Single Family**
Is the site currently developed? **YES NO – but does have a sewer line and manhole on it.**
If YES, list existing improvements, structures, and dimensions:

Are you aware of any environmental studies that have been prepared related to or including the subject property or related to any property located within 300 feet of the subject property? If yes, list titles on an attached sheet.
Circle **YES NO City Shoreline Inventory from the SMP**

Describe the project: **Project is riverbank stabilization by rock revetment and planting native vegetation.**

Indicate by circling whether or not the following are potentially located on-site or within 300 feet of the subject property:

Wetlands	YES	NO	Floodplain or Floodway	YES	NO
Fish and Wildlife Habitat	YES	NO	Critical Aquifer Recharge	YES	NO
Geological Hazard	YES	NO	Spokane River	YES	NO
Streams	YES	NO	Latah Creek	YES	NO

Shorelines

Is any part of the subject property located within the 200 foot Shoreline Jurisdiction? **YES NO**

Shoreline Environment Designation: **Urban Conservancy**

Shoreline Buffer Setback: **200 feet**

Will any structures be located within the Shoreline Buffer setback? **YES NO**

If YES, what structures will be located within the Shoreline Buffer setback:

Will any vegetation need to be removed within the 200 foot Shoreline Jurisdiction as part of the project? **YES NO – one stand of trees will need to be removed for the access road, the site will be replanted extensively after construction.**

Project Value: **\$75,000**

General Site Topography (Provide site specific information, refer to maps and provide support data):

Describe the general site topography. Check all that apply.

- Flat: less than 5-foot elevation change over entire site.
- Rolling: slopes on site generally less than 15% (a vertical rise of 10 feet over a horizontal distance of 66 feet).
- Hilly: slopes present on site of more than 15% and less than 30% (a vertical rise of 10 feet over a horizontal distance of 33 to 66 feet).
- Steep:** grades of greater than 30% present on site (a vertical rise of 10 feet over a horizontal distance of less than 33 feet). **Steep sandy riverbank that is eroding due to water action.**
- Other : please describe:

Is there any surface water body or indication of surface water bodies on or in the immediate vicinity (300 feet) of the proposed site or adjacent sites? Check all that apply:

- | | | |
|--|--|--|
| <input type="checkbox"/> gullies | <input type="checkbox"/> rivers | <input type="checkbox"/> or wetlands/potential |
| <input type="checkbox"/> drainage ways | <input type="checkbox"/> lakes | <input type="checkbox"/> wetland |
| <input type="checkbox"/> creeks | <input type="checkbox"/> ponds | <input type="checkbox"/> year-round or |
| | | <input type="checkbox"/> seasonal streams |

If seasonal, what season(s) of the year?

Site is primarily:

- | | |
|-----------------------------------|---|
| <input type="checkbox"/> forested | <input type="checkbox"/> agriculture |
| <input type="checkbox"/> meadow | <input type="checkbox"/> urban landscaped (lawn, shrubs, etc) |
| <input type="checkbox"/> shrubs | <input type="checkbox"/> disturbed and/or degraded |
| <input type="checkbox"/> mixed | |

List all major natural and manmade features: **Spokane River, steep sandy river bank. City sanitary sewer line and manhole.**

Types of Project Activities (within the Shoreline Jurisdiction, Critical Area or associated buffer): **Streambank stabilization including construction of a rock revetment and planting of vegetation.**

Will activities alter man-made or natural drainage features? YES NO

Does project involve any clearing, filling, grading, paving, surfacing, and/or dredging?

YES NO If Yes, answer the following:

If activity includes paving indicate amount of new impervious areas: N/A

If activities include clearing and grading, indicate square feet: N/A

Will activities involve placing fill materials? YES NO

If yes, will fill materials exceed one foot in depth? YES NO Indicate Depth: **Project will place 1 to 2 foot thickness of rock along riverbank.**

If fill materials exceed 50 cubic yards, indicate cubic yards: **200 cy**

If activities involve earth removal exceeding 2 feet in depth excluding foundation excavation, indicate depth

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 approvals that it might issue in reliance upon this checklist.

Signature:



Date:

4/23/2013

FOR USE BY AGENCY

Received By:

Date:

Review By:

Date:

CITY OF SPOKANE PLANNING SERVICES DEPARTMENT APPLICATION FOR FLOODPLAIN DEVELOPMENT PERMIT

Date: _____ Flood Zone: AE _____

Applicants name: Bill Peacock, City Wastewater _____ Owners Name: City Parks Department _____

Site Address: Close to 2334 Clark Avenue _____ Owners Address: 808 West Spokane Blvd _____

City/State/Zip: Spokane, WA _____ City/State/Zip: Spokane, WA 99201 _____

Telephone: 509-625-7902 Fax: N/A _____ Telephone: N/A _____ Fax: _____

Assessor's Parcel Number: 25133.1716, 25133.1715 Site Square Footage: N/A _____

1. DESCRIPTION OF WORK:

A. PROPOSED DEVELOPMENT

DESCRIPTIONS:

- New Construction
- Alteration or Repair
- Stream Alteration
- Manufactured/Modular
- Road, culvert, utilities
- Other Streambank Stabilization

C. FILLING AND/OR GRADING

- Filling Grading
- Cubic yards to be placed: 200 cy Rock
Revetment
Cubic yards to be removed: 0 _____
Location of materials to be removed:
Excavation in riverbank

B. TYPE OF CONSTRUCTION:

- New or existing residential _____ square feet
- Addition _____ square feet of new addition
- Renovation interior exterior (check one)
- Temporary
- New non-residential
- Detached Accessory Structure (i.e. garage, shed etc. Sq. Footage: _____)
- Repair
- Attached garage, _____ square feet
- Utility Installation
- Other _____

2. ALTERATIONS, ADDITIONS OR IMPROVEMENTS TO EXISTING STRUCTURE:

- A. What is the assessed value of the existing structure?
- B. What is the cost of the proposed construction?
- C. The building valuation of the improvements as determined by the IBC: _____ If the cost of the proposed construction equals or exceeds 50% of the assessed value of the structure, substantial improvement requirements shall apply.
- D. Building Dept. verify proposed cost of construction: _____ (initials)

3. NON-RESIDENTIAL CONSTRUCTION:

- A. Flood Protection Method
- Flood proofing Elevation

4. SUBDIVISIONS:

- A. Does this subdivision or other development contain 50 lots or five acres, whichever is less?
 Yes No
- B. If yes, the base flood elevation data must be provided by the developer prior to the issuance of a permit. Additional flood studies may be required.

5. OTHER:

- A. This permit is being applied for in conjunction with a: building permit, grading permit, or shoreline permit__ permit.
- B. Base Flood Elevation according to Flood Insurance Rate Map: _____ NGVD 29
- C. Number of permanent openings (flood vents) within 1ft. above adjacent grade: _____ N/A
- D. Total area of foundation _____ Total area of all permanent openings (flood vents): _____ N/A
- E. It is intended that the improvement(s) described above will be constructed in accordance with the City of Spokane Floodplain Regulations SMC 17E.030. Elevation of the lowest floor (including "basement" as defined in the regulations) will be at an elevation of _____ feet Datum Plain _____.
- F. Are other federal, state, county, or local permits required? Yes No
- G. Any other permit approvals required, shall be included with this application.

6. CLARIFICATION OF FLOOD PLAIN ELEVATIONS:

There are three different elevation plains used within the City of Spokane and the City is currently seeking to standardize all publicly recorded elevations as NAVD 88 (North American Vertical Datum 1988). The elevations identified of the Federal Insurance Rate Maps are based on NGVD 29 (National Geodetic Vertical Datum 1929). Some older maps available from City records are based on City Datum.

The applicant or his/her agent needs to take care to report the proper elevations and datum plain associated with the elevation in order to ensure that measures that seek to reduce flood damage will coincide with projected flood depths. The following chart should help alleviate confusion, please contact City staff for guidance if there are any questions regarding datum plains.

_____	City Datum	_____
13.13 feet		
_____	NAV 88 Datum	16.93 feet
3.80 feet		
_____	NGVD 29 Datum	_____

ATTEST

The undersigned hereby makes application for a permit to develop in a designated flood hazard area. The work to be performed is described below and in attachments hereto. The undersigned agrees that all such work shall be done in accordance with the requirements of the City of Spokane Municipal Code 11.13, and with all other applicable local, state and federal regulations with all necessary required federal and/or state permits and/or certifications attached.

This permit is sought for _____ (in perpetuity; or if temporary, number of months or years). Plans, reports, and specifications of the proposed work, structures or improvements are part of this application/permit and are attached as sheets numbered _____ through _____. Construction will commence _____ and will be completed on/or before _____.

Signature of Permittee: William R. Peacock Date: 4/25/2013