

SPOKANE ENVIRONMENTAL ORDINANCE

(WAC 197-11-970) Section 11.10.230(3)
Determination of Non-Significance (DNS)

File No. 2013211

DETERMINATION OF NON-SIGNIFICANCE

Description of Proposal: Combined Sewer Overflow (CSO) Basin 12 Control Facility

Proponent: City of Spokane

Location of proposal, including street address, if any: Within Pettet Drive right-a-way near the intersection of Pettet Drive and Nora Avenue in the SW 1/4 of Section 12, Township 25N, Range 42E, W.M.

Lead agency: City of Spokane, Department of Engineering Services

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed Environmental Checklist and other information on file with the lead agency. This information is available to the public on request.

- There is no comment period for this DNS.
- This DNS is issued after using the optional DNS process in Section 197-11-355 WAC. There is no further comment period on the DNS.
- This DNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by November 27, 2013.

Responsible official: Kyle Twohig

Position/Title: Engineering Operations Manager Phone: (509) 625-6700

Address: 2nd Floor, City Hall, 808 W. Spokane Falls Blvd., Spokane, WA 99201-3343

Date: November 13, 2013 Signature: _____

You may appeal this determination to Kyle Twohig, Engineering Operations Manager

at (location): 2nd Floor, City Hall, Spokane, WA 99201-3343

no later than (date): November 27, 2013

by (method): written

You should be prepared to make specific factual objections.

Contact John Halsey at (509) 625-6300 to read or ask about the procedures for SEPA appeals.

cc: Engineering Services File
Planning Services (w/encl.)
Traffic Design
Spokane Regional Transportation Council (w/encl.)
Asset Management - Capital Programs
Katherine Miller, P.E.
Engineering Services - Design
Gary Nelson, P.E., Principal Engineer
Neighborhood Services
Washington State Department of Ecology (electronic submission)
Environmental Review
PO Box 47703
Olympia, WA 98504-7703

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ENVIRONMENTAL

CHECKLIST

SPOKANE

ENVIRONMENTAL

ORDINANCE

SECTION 11.10.230(1)

SPOKANE ENVIRONMENTAL ORDINANCE

(WAC 197-11-960) Section 11.10.230(1)

Evaluation For
Agency Use Only

TO BE COMPLETED BY APPLICANT

A. BACKGROUND

1. Name of proposed project, if applicable:

CSO Basin 12 Control Facility

2. Name of Applicant: *City of Spokane*

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

*Marcia Davis, P.E.
808 W. Spokane Falls Blvd
Spokane, WA 99201-334.3
509-625-6398*

4. Date checklist prepared: *November 6th, 2013*

5. Agency requesting checklist:

City of Spokane, Washington; Department of Asset Management; Capital Programs Division

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

Construction of the CSO 12 storage tank and necessary conveyance is anticipated to begin in 2016. The project is currently in the planning stages.

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

There are no plans for future additions or expansions.

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

Environmental studies and information have not been prepared at this time. State Environmental Review Process (SERP) associated with Ecology State Revolving Fund loans will be completed and will include Federal environmental review and cultural resources review. A cultural resource survey will also be conducted.

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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 pending applications are known at this time.

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

This project will require a building permit from the City of Spokane.

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 storage tank will provide storage for CSO Basin 12 to eliminate overflow events.

CSO Basin 12 covers a portion of the northwestern part of the City. The existing land use is almost entirely residential with small pockets of open space and commercial uses. The basin is comprised of approximately 360-acres. The boundary is generally described by Boone Avenue to the south, Montgomery Avenue to the north, Monroe Street to the east and the Spokane River to the west.

The average annual overflow frequency has averaged 25 times per year between 2008 and 2012. The average annual overflow volume is approximately 3.8 million gallons. The Spokane River is the receiving water of the CSO discharge.

The CSO Basin 12 Control Facility will construct one storage tank to limit the overflow of combined sewer to the Spokane River. The approximate 689,000 gallon tank will be located near CSO 12's existing regulator within Pettet Drive's ROW. This concrete tank is expected to be between 8 and 20 feet below the ground surface. The construction will include all necessary conveyance including a new connection to the existing outfall at TJ Meenach Bridge.

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 preferred CSO 12 storage facility will be located within Pettet Drive's ROW

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near the intersection of Pettet Drive and Nora Avenue. The facility will be located in the SW ¼ of Section 12, Township 25N, Range 42E, W.M.

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).

ASA; GSSA; PSSA; City of Spokane.

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 chemicals will be stored.

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- (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.

No chemicals will be stored or used on site.

- (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)?

Unknown at this time but believed to be greater than 25'. A geotechnical investigation will occur as the project moves closer to design.

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

This project includes construction of the underground tank and a pipe connecting to the outfall pipe at TJ Meenach Bridge. Additional impervious surfaces will not be created and stormwater will not be discharged into the ground as part of this project.

B. ENVIRONMENTAL ELEMENTS

1. EARTH

- a. General description of the site (circle one):

The majority of the site is within Pettet Drive. Pettet Drive is slightly sloped (approx. 3%) uphill to the south.

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

The steepest slope is 3%.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you

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know the classification of agricultural soils, specify them and note any prime farmland.

No geotechnical exploration as been conducted at the preferred site. The USDA's Web Soil Survey classifies the site's soil as predominantly well-drained gravelly loamy sand (Springdale Gravelly Loamy Sand). This soil is classified as non-prime farmland and as having limited building restrictions.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are no surface indications of unstable soils.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

The proposed tank will be within the Pettet Drive ROW and the site will be re-graded to restore the existing condition when complete. It is anticipated that approximately 4,500 cubic yards of material will need to be excavated to install the tank.

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

Construction will occur in a small localized area. The construction area will be stabilized with necessary erosion control BMPs to prevent erosion of any downstream properties. Because of this project's proximity to the Spokane River, erosion control measures will be a critical element to the project.

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

Approximately 20% of the site will be covered with impervious surfaces.

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

Inlet protection devices will be installed to prevent catch basins from being contaminated with silt. Silt fence will also be used in areas where there is a potential for stormwater to flow off the project area into off-site areas. Other measures will also be implemented along the Spokane River to prevent sediment from entering the river.

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.

Emission would occur from construction equipment and vehicles during construction only.

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

None known at this time

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

None known at this time.

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, lake, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state

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what stream or river it flows into.

Yes. Pettet Drive is located just east of the Spokane River.

- (2) Will the project require any work over, in, or adjacent to (200 feet) the described waters? If yes, please describe and attach available plans.

No. The project site is approximately 900 feet from the Spokane River.

- (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 will be removed from or placed in the Spokane River.

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

None required.

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

The project is not located in a FEMA designated flood plain (100 or 500 year), although the proposal lies directly adjacent to the 100-year flood plain.

- (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.

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This project does not involve discharges of waste materials.

b. Ground:

- (1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

None

- (2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable) or the number of animals or humans the system(s) are expected to serve.

None anticipated.

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.

The proposed tanks and conveyance will be constructed underground. No new impervious surfaces will be generated and therefore, no additional runoff is anticipated.

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

Combined sewage currently discharges to

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the Spokane River during heavy storm events. This project will reduce those discharges by providing storage for the storm surge and metering the sewage back into the system.

- 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).

None.

4. PLANTS

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

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

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

Construction of the tank may require the removal of approximately five trees and small areas of shrubs/grass. Removal would be limited and plantings would be replaced.

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

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None.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Any removed vegetation will be replaced with native plantings following construction.

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: *songbirds*

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

None known

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

The Spokane Region is part of the North American Pacific Flyway migration route. These projects will not have an impact on this route.

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

None.

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.

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- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

7. ENVIRONMENTAL HEALTH

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

No.

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

None

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

None

- b. Noise:

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

There is minimal traffic noise on surrounding streets. These noises aren't anticipated to impact the project in any way.

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- (2) What type 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.

These projects will create short term noise due to construction including equipment and vehicles. This project will not generate any long-term noise.

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

Work will be performed during workday hours and construction will be confined to localized areas to minimize disruption.

8. LAND AND SHORELINE USE

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

The site is currently a City street. The adjacent properties are classified as Residential.

- 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?

RSF-Residential Single Family.

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- 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?

N/A

- h. Has any part of the site been classified as an "environmentally sensitive" 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:

None.

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

None.

9. HOUSING

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

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N/A

- 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:

None

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?

Entire facility will be located underground. Entry hatches and vents will be at ground level.

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

None.

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

N/A

11. LIGHT AND GLARE

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

None.

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

None.

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

N/A

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

None.

12. RECREATION

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

The Spokane River is adjacent to the project site. Recreational opportunities on the Spokane River include fishing, swimming and kayaking. An informal trail along Pettet Drive is also used by pedestrians/hikers.

- 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:

None

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

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historic archaeological, scientific or cultural importance known to be on or next to the site.

None.

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

None.

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.

Pettet Drive and all connected streets serve the site.

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

Spokane Transit Route 21 serves nearby Mission Street, approximately 2,000-feet away.

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

None and none.

- d. Will the proposal require any new roads or streets, or improvements to existing road and/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.

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- 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:

None – no impacts.

15. PUBLIC SERVICES

- a. Would the project result in an increased need for public services (for example: Fire protection, police protection, health care, schools, other)? If so, generally describe.

No.

- b. Proposed measures to reduce or control direct impacts on public services, if any:

None

16. UTILITIES

- a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer

- 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.

The project proposes adjustments to the sanitary sewer system. This system is owned and maintained by the City of Spokane.

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C. SIGNATURE

I, the undersigned, swear under the 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 may withdraw any determination of nonsignificance that it might issue in reliance upon this checklist.

Date: *November 6, 2013* Proponent: *City of Spokane*

Signature: *Marcia J. Davis*

Address: *808 W. Spokane Falls Blvd.
Spokane, WA 99201-3334*

Phone: *(509) 625-6398*

Person completing form: *Marcia Davis, P.E.*

Date: *November 6, 2013*

Phone: *(509) 625-6398*

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Staff Member(s) Reviewing Checklist:

Signature: 

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

- A. _____ Concludes that there are no probable significant adverse impacts and recommends a determination of nonsignificance.
- B. _____ Concludes that probable significant adverse environmental impacts do exist for the current proposal and recommends a mitigated determination of nonsignificance with conditions.
- C. _____ Concludes that there are probable significant adverse environmental impacts and recommends a determination of significance.

FILING FEE - \$75.00