

DETERMINATION OF NON-SIGNIFICANCE (DNS)
WAC 197-11 & Spokane County Code Chapter 11

PROPOSAL: South Green Acres Sanitary Sewer Project No. 103C & 103D, Phase 3 & 4

DESCRIPTION OF PROPOSAL: The proposed Project involves the construction of approximately 37,200 linear feet of 8-inch gravity sewer pipe, 2,720 linear feet of 10-inch gravity sewer pipe; 610 side sewer connections; 140 sanitary sewer manholes; appurtenances, street and property restoration; and other related work.

APPLICANT: Spokane County Public Works Department
Attn: Louis Graf, Division of Utilities
1026 West Broadway Avenue
Spokane, WA 99260-0430
(509) 477-3604

LOCATION OF PROPOSAL: The Project is located in Section 12, Township 25 North, Range 44 East and Sections 7 & 18, Township 25 North, Range 45 East, WM. This portion is generally bounded by Spokane River on the North and West, Interstate 90 on the South and Barker Road on the East. The Project is located either within existing City of Spokane Valley road right-of-ways or sewer easements.

LEAD AGENCY: Spokane County, Public Works Department, Division of Utilities

DETERMINATION: The lead agency for this proposal has determined that it does not have a 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.

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 December 31, 2009.

RESPONSIBLE OFFICIAL: Kevin R. Cooke, P.E., Sewer Planning & Design Manager
Spokane County Public Works Department
1026 West Broadway Avenue
Spokane, WA 99260-0430
(509) 477-3604

DATE ISSUED: December 17, 2009 **SIGNATURE:**



You may appeal this determination within 14 calendar days after it becomes final, commencing December 17, 2009 to the Spokane County, Division of Utilities, 1026 West Broadway Avenue, Spokane, Washington 99260-0430 or cgrasso@spokanecounty.org. The appeal must be submitted in writing, by 9:00 AM, December 31, 2009, and contain the specific factual objections.

Contact Cindy Grasso, Spokane County, Division of Utilities, (509) 477-3604, to read or ask about the procedures for SEPA appeals.

A copy of this DNS was mailed to:

1. U.S. Army Corp of Engineers (Eastern WA Office)
2. U.S. Department of Agriculture, NRCS
3. Department of the Army (Seattle District Corp)
4. WA State Department of Ecology (Olympia and Spokane)
5. WA State Department of Fish and Wildlife
6. WA State Department of Natural Resources (Colville)
7. WA State Department of Health (Spokane)
8. WA State Department of Transportation (Spokane)
9. Spokane Regional Clean Air Agency
10. Spokane County Health District
11. Spokane County Building and Planning Division
12. Spokane County Engineering and Roads Division
13. Spokane County Housing & Community Development
14. Avista Utilities (Electric & Gas Services)
15. Chevron Pipeline Company
16. Yellowstone Pipeline Company
17. Qwest
18. Comcast Cable Services
19. Spokane Transit Authority
20. Central Valley School District No. 356
21. Fire District No. 1
22. Consolidated Irrigation District No. 19
23. City of Spokane Valley
24. Valley County Library
25. North Spokane County Library
26. Main City Library
27. Spokane Indian Tribe

Environmental Checklist

A. BACKGROUND

1. Name of proposed project, if applicable:

South Greenacres Sanitary Sewer Project No. 103C & 103D

2. Name of applicant:

Spokane County Public Works Department, Division of Utilities

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

Spokane County Public Works Department
1026 West Broadway Avenue
Spokane, WA 99260-0430
(509) 477-3604

Contact: Louis Graf

4. Date checklist prepared:

December 9, 2009

5. Agency requesting checklist:

Spokane County Public Works Department, Division of Utilities

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

Construction is proposed to start approximately April 2010 and to complete approximately June 2011.

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

No.

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

No.

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

None.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No.

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

Road Obstruction Permit, City of Spokane Valley; Shorelines Permit, City of Spokane Valley.

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 South Greenacres Sanitary Sewer Project involves the construction of approximately 37,200 linear feet of 8-inch gravity sewer pipe, 2,720 linear feet of 10-inch gravity sewer pipe; 610 side sewer connections; 140 sanitary sewer manholes; appurtenances, street and property restoration; and other related work.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Project is located in Section 12, Township 25 North, Range 44 East and Sections 7 & 18, Township 25 North, Range 45 East, WM. This portion is generally bounded by Spokane River on the North and West, Interstate 90 on the South and Barker Road on the East. The Project is located either within existing City of Spokane Valley road right-of-ways or sewer easements.

13. Does the proposed action lie within the Aquifer Sensitive Area (ASA)? The City of Spokane, Spokane Valley or Liberty Lake?

The Project lies within the ASA; and, is within the City of Spokane Valley city limits.

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).

This Project is a sanitary sewer project. Wastewater flows will be conveyed through the County and City of Spokane interceptor sewers to the existing regional wastewater treatment plant.

(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?

The contractor will be using petroleum products to fuel and service equipment, which may be stored temporarily on-site.

- (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.**

The contractor will be required to provide a Spill Prevention, Control and Countermeasures Plan before beginning construction activities.

- (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 groundwater?**

No.

b. Stormwater.

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

Depth to groundwater is greater than 60 feet. No Bedrock is anticipated, although some basalt outcroppings may be encountered in the excavation.

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

The Project will not alter the existing stormwater facilities.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Generally flat.

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

Approximately 4% grade on the west end of Indiana Ave.

- 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.**

Gravel, fine, medium and coarse sand, and silt.

- 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.**

Project will include excavation and backfilling of trenches for installation of the sanitary sewer pipe. Final grades to remain the same as existing.

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

No, erosion control practices shall be required by the Contract specifications.

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

Existing impervious surfaces (roads, etc) will be removed and subsequently replaced after construction is complete. All but Indiana Ave. west of Flora and Boone Ave. from Greenacres to Arc is currently paved. The City of Spokane Valley may elect to have these roads paved after the sewer is installed.

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

Trenches will be backfilled, compacted and resurfaced following placement of pipe to avoid potential for erosion. Damaged lawn areas will be restored at the completion of construction. Erosion control practices shall be as required by the Contract specifications.

2. Air

a. What types of emissions to the air would result from the proposed (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.

Short-term operation of heavy equipment and additional traffic in the work areas during construction will produce some dust and engine emissions. However, construction activities will be of short duration and temporary. Dust and emissions generated during construction will be controlled in a variety of methods (see Item 2.C).

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:

The contractor will be responsible for implementing appropriate measures during construction to reduce dust and exhaust emissions in compliance with current State and Spokane County Air Pollution Control Authority regulations. Typical measures that could be employed include:

- Keeping construction vehicles and equipment well maintained.
- Applying tarps to soil stockpiles during high wind conditions.
- Applying water to excavated and graded areas.

3. Water

a. Surface:

(1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes. Spokane River is located near the west end of Indiana Ave., near the north end of Flora and Montgomery and near Riverway north of Montgomery.

- (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. Sewer main will be installed in existing road right-of-way at the locations described in the previous question.

- (3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None.

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

No.

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

No.

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

No.

b. Ground:

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

No.

- (2) Describe waste material that will be discharged into the ground from septic tanks or other 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, or the number of animals or humans the system(s) are expected to serve.

None. The Project will result in the elimination of existing septic tanks that discharge domestic sewage into the Spokane Rathdrum Aquifer.

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.

Project will not alter the runoff patterns that currently exist, nor the collection and disposal methods.

- (2) 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:

N/A

4. Plants

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

deciduous tree: alder, maple, aspen, other (Domestic Landscaping)

evergreen tree: fir, cedar, pine, other (Domestic Landscaping)

shrubs (Domestic Landscaping)

grass (Domestic Landscaping)

pasture

crop or grain, alfalfa, wheat

wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

other types of vegetation: Native grasses

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

During construction, some lawn area may be removed. These areas shall be resodded after pipe installation.

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

None.

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

None.

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: Some birds of prey, songbirds and other common species.

Mammals: Small mammals.

Fish: None.

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.

No.

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

None.

6. Energy and Natural Resources

- a. **What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

N/A

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

No.

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

N/A

7. Environmental Health

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

No.

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

None.

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

None.

b. Noise

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

None.

- (2) **What types and levels of noise would be created by or associated with the project on a short-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.**

Construction activities will increase noise levels on a temporary and intermittent basis during scheduled work hours. It is anticipated that these short-term noise levels would be consistent with levels associated with normal operations of construction equipment, and within hours and days allowed by City of Spokane Valley.

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

Construction equipment will have mufflers and exhaust equipment to conform to State and local regulations regarding construction noise.

8. Land and Shoreline Use

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

The Project will be located primarily within the City of Spokane Valley road right-of-ways. Adjacent properties are 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, what?

No.

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

Urban residential.

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

Same as e.

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

Pastoral.

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?

N/A

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

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

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

The Project is consistent with the current City of Spokane Valley Comprehensive Plan and the Spokane County Comprehensive Wastewater Management Plan. No measures are needed.

9. Housing

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

None.

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

None.

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

N/A

10. Aesthetics

- a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

All of the Project will be at or below ground surface 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?**

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:**

N/A

12. Recreation

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

The Centennial Trail is on the north side of the project and runs parallel with the Spokane River. Due to the Barker Bridge Replacement Project, a temporary detour route is currently in place along Riverway and Montgomery between Flora and Barker Road. If required, this detour route will be maintained through the project during construction.

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:

N/A

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.

None.

b. Generally describe any landmarks or evidence of 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:

N/A.

14. Transportation

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

The Project will impact the streets within the Project boundary during construction only. Streets under construction will be open to local traffic only.

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

Yes. The route goes north on Flora to Mission, east on Mission to Barker and south on Barker.

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

None/None.

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. The City may choose to pave some public gravel roads.

- e. **Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

No.

- f. **How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.**

None.

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

None.

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, septic system, other.**

Electricity, natural gas, water, refuse service, telephone, septic systems and cable.

- 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 itself is a portion of the County's 2010 Annual Sewer Construction Program to eliminate septic systems. Construction activities include excavation; backfill; pipe and manhole installation; and, restoration of road surfaces and property improvements disturbed by the Project.

C. SIGNATURE

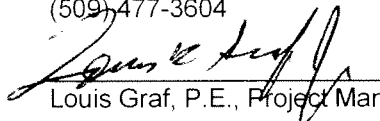
I, the undersigned, swear under the penalty of perjury that the above responses are made truthfully and to the best of my knowledge. I also understand that, should there be any willful misrepresentation or willful lack of full disclosure on my part, the Agency may withdraw any Determination of Non-Significance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

Proponent: Spokane County Public Works Department, Division of Utilities

1026 West Broadway Avenue

Spokane, WA 99260-0430

(509) 477-3604


Louis Graf, P.E., Project Manager

12/15/09
Date

Person Completing Form: Timothy A. Schwab, P.E.
Spokane County Public Works
1026 W. Broadway Ave.
Spokane, WA 99260-0170

FOR STAFF USE ONLY

Staff Member(s) Reviewing Checklist:


Kevin R. Copke, P.E.
Sewer Planning & Design Manager

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

- Concludes that there are no probable significant adverse impacts and recommends a Determination of Non-Significance.
- Concludes that probable significant adverse environmental impacts do exist for the current proposal and recommends a Mitigated Determination of Non-Significance with conditions.
- Concludes that there are probable significant adverse environmental impacts and recommends a Determination of Significance.