

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

PROPOSAL: Mead Mt. Spokane Pump Station and Pipelines Project, Phases 3 through 5
Phase 3: Mead Mt. Spokane Sewer Extension Package #1; Phase 4: Mead Mt. Spokane Sewer Extension Package #2; Phase 5: Peone Pines Sewer Improvements

DESCRIPTION OF PROPOSAL: Currently, existing homes and businesses located within the Mead-Mt. Spokane project limits discharge wastewater to individual septic tanks. The goal of the overall project is to convey wastewater to Spokane County's existing sewer system. The project is being constructed in phases as described below.

Phases 1 and 2 are currently under construction and include facilities (i.e., pump station, inverted siphon, and pipelines) required to convey wastewater from the Mead Mt. Spokane area to Spokane County's existing sewer system in Little Spokane Drive. Phases 1 and 2 would get the major transmission lines and pump stations in place to carry wastewater to the County's existing public sewer system. These phases were covered under separate environmental review; a State Environmental Policy Act (SEPA) Determination of Non-Significance was issued in May 2018.

Phases 3 through 5 would provide the remaining infrastructure and pipelines necessary to connect Phases 1 and 2. These phases would provide sewer to the business corridor along Highway 2 located south of Day Mt. Spokane Road to Mt. Spokane Park Drive (State Route 206), as well as residential dwellings and developments on both sides of Highway 2 along the pipeline route, and sewer improvements to the Peone Pines development.

APPLICANT: Spokane County Environmental Services
Attn: Kristen Armstrong, P.E.
1026 West Broadway Avenue
Spokane, WA 99260-0430
(509) 477-3604

LOCATION OF PROPOSAL: The Project area is located within Township 27 North, Range 43 East, Sections 34, and 35 and within Township 26 North, Range 43 East, Sections 2 and 3.

LEAD AGENCY: Spokane County, Environmental Services Department

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 (extended to 16 days due to holidays). Comments must be submitted by January 4, 2019.

RESPONSIBLE OFFICIAL: Kevin R. Cooke, P.E., Director
Spokane County Environmental Services Department
1026 West Broadway Avenue
Spokane, WA 99260-0430
(509) 477-3604

DATE ISSUED: December 19, 2018 **SIGNATURE:** 

You may appeal this determination within 16 calendar days after it becomes final, commencing December 19, 2018, to the Spokane County, Environmental Services Department, 1026 West Broadway Avenue, Spokane, Washington 99260-0430 or kmarmstrong@spokanecounty.org. The appeal must be submitted in writing by 5:00 PM, January 4, 2019, and contain the specific factual objections.

Contact Kristen Armstrong, Spokane County Environmental Services, (509) 477-3604, to read or ask about the procedures for SEPA appeals.

Environmental Checklist

A. BACKGROUND

1. Name of proposed project, if applicable:

Mead-Mt. Spokane Pump Station and Pipelines Project consists of the following projects:

- 1) Mead Mt. Spokane Sewer Extension Package #1 (Phase 3)
- 2) Mead Mt. Spokane Sewer Extension Package #2 (Phase 4)
- 3) Peone Pines Sewer Improvements (Phase 5)

2. Name of applicant:

Spokane County Environmental Services

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

Spokane County Environmental Services
Attn: Kristen Armstrong, P.E.
1026 West Broadway Avenue
Spokane, WA 99260-0430
(509) 477-7412

4. Date checklist prepared:

December 2018

5. Agency requesting checklist:

Spokane County Environmental Services

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

Project construction would be bid in March 2019 as three separate projects. Construction of the three phases is expected to begin in the summer of 2019 and take approximately one year to complete.

Little Spokane Drive Sewer Extension & Inverted Siphon (Phase 1) and Mt. Spokane Park Drive Pump Station (Phase 2) are currently under construction and expected to be completed in 2019.

The Mead-Mt. Spokane Pump Station and Pipelines Project (Phases 1 through 5) is expected to be completed in its entirety by 2020.

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

Future sewer connections are anticipated for the residential homes and commercial businesses within the Limited Areas of More Intensive Rural Development logical boundary.

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

Yes, the County has acquired a site for the Mt. Spokane Park Drive Pump Station that is under construction; that project was covered under separate review.

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

The following studies will be prepared directly related to this proposal:

- Geotechnical Investigation Report
- Cultural Resource Survey

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.

The following permits are anticipated for the project:

- Federal Aviation Administration
 - Notice of Construction
- WA Department of Ecology
 - NPDES Construction Stormwater General Permit
- WA Department of Transportation
 - Utility Franchise – Hwy 2
 - Utility Franchise – SR 206
 - General Permit (survey) – Hwy 2
 - General Permit (survey) – SR 206
- Spokane County Public Works
 - Right-of-Way/Street Obstruction Permit(s)
- Spokane County Environmental Services
 - SEPA Environmental Checklist/Threshold Determination
- BNSF Railway
 - Pipeline License for crossing near MP 1466.40
 - Pipeline License for crossing near MP 1464.97

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.

Currently, existing homes and businesses located within the Mead-Mt. Spokane project limits discharge wastewater to individual septic tanks. The goal of the overall project is to convey wastewater to Spokane County's existing sewer system. The project is being constructed in phases as described below.

Phases 1 and 2 are currently under construction and include facilities (i.e., pump station, inverted siphon, and pipelines) required to convey wastewater from the Mead Mt. Spokane area to Spokane County's existing sewer system in Little Spokane Drive. Phases 1 and 2 would get the major transmission lines and pump stations in place to carry wastewater to the County's existing public sewer system. These phases were covered under separate environmental review; a State Environmental Policy Act (SEPA) Determination of Non-Significance was issued in May 2018.

Phases 3 through 5 would provide the remaining infrastructure and pipelines necessary to connect Phases 1 and 2. These phases would provide sewer to the business corridor along Highway 2 located south of Day Mt. Spokane Road to Mt. Spokane Park Drive (State Route 206), as well as residential dwellings and developments on both sides of Highway 2 along the pipeline route, and sewer improvements to the Peone Pines development.

Phases 3 through 5 are being bid and constructed as three separate projects as described below and shown on Figure 1.

Phase 3 – Sewer Extension Package 1

Sewer Extension Package 1 consists of 5,400 lineal feet of 12-inch-diameter, 3,975 lineal feet of 10-inch-diameter, and 6,150 lineal feet of 8-inch-diameter sewer gravity main located within public rights-of-way and private parcels. This package would consist of two trenchless crossings of Highway 2 and one trenchless crossing of BNSF Railway right-of-way at Day Mt. Spokane Road near MP 1464.97. Restoration of impacted roadways and private parcels would be required.

Phase 4 – Sewer Extension Package 2

Sewer Extension Package 2 consists of 3,000 lineal feet of 10-inch-diameter sewer gravity main, 2,400 lineal feet of 8-inch-diameter sewer gravity main, and 6,000 lineal feet of 6-inch dual sewer force main constructed in public rights-of-way and private parcels. This package would consist of two trenchless crossings of State Route 206 and connect to the Mt. Spokane Park Drive Pump Station constructed in Phase 2. Restoration of impacted roadways and private parcels would be required.

Phase 5 – Peone Pines Sewer Improvements

The existing homes within the Peone Pines development currently discharge wastewater to a County-operated and maintained drainfield. Peone Pines Sewer Improvements consists of approximately 1,300 lineal feet of 6-inch-diameter dual force mains, expanding the existing Peone Pines Pump Station, and decommissioning the Peone Pines Treatment Plant (drainfield) by abandoning in place. One trenchless crossing of BSNF Railway right-of-way just north of SR 206 near MP 1466.40 is part of this project. Restoration of impacted roadways and private parcels would be required.

- 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 within Township 27 North, Range 43 East, Sections 34, and 35 and within Township 26 North, Range 43 East, Sections 2 and 3 (see Figure 1 – Vicinity Map).

- 13. Does the proposed action lie within the Critical Aquifer Recharge Area (CARA)?**

The aquifer beneath the project area is part of the Spokane Valley-Rathdrum Prairie Aquifer and is classified as a Critical Aquifer Recharge Area.

14. The following questions supplement Part A.

a. Critical Aquifer Recharge Area (CARA).

- (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).**

During construction dewatering is not anticipated; however, if encountered it would be discharged to an upland site for infiltration or into the existing stormwater pipes.

- (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 would be using petroleum products to fuel and service equipment, which may be stored temporarily on site; quantities would be small and only to accommodate construction activities. There may be around 200 gallons of fuel stored on site in a fuel truck or portable fuel tank.

- (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 would be required to provide a spill plan before beginning construction activities. All onsite chemical storage would require secondary containment to prevent discharge, as well as cleanup kits kept onsite to immediately deal with spills.

- (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?**

The contractor would be using petroleum products to fuel and service equipment during construction. Appropriate Best Management Practices (BMPs) would be utilized to contain the spill or leak.

b. Stormwater.

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

Depth to groundwater and bedrock is not known for the project area. Geotechnical borings have been drilled to depths of 40 feet and have not hit bedrock. Groundwater is not anticipated during construction.

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

Yes, stormwater would be discharged into drywells or upland areas during construction. No potential impacts are anticipated.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

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

The steepest slope within the construction area is approximately 30% between US Highway 2 and N Yale Road.

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.

Sand, gravel, silt, clay, and boulders.

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.

The project would involve soil disturbance through excavation, fill, and grading. Excavation would be limited to the area required to install the sewer pipe, pits for trenchless construction, and sewer appurtenances.

For the entire project, approximately 100,000 cubic yards of soil would be excavated to install the pipes using open trench or trenchless installation methods, with a similar amount of subsequent compacted fill. The trench for the sewer would range from approximately 4 feet to 10 feet wide to approximately 5 feet to 10 feet deep. It is expected that open trench construction would be shored using trench boxes.

For all excavation activities, subsequent backfill would consist of native soil to the greatest extent possible, supplemented with clean fill from an approved borrow source. All excavated areas would be restored to their previous grade at project completion.

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

Some erosion could occur during excavation and filling of trenches and stockpiling of soil during construction, but erosion control measures would be implemented to minimize this potential. See section B.1.h. below for typical Best Management Practices (BMPs) that can be utilized to minimize the potential for erosion.

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

Less than 10% of the project area would include additional impervious surfaces due to the installation of new manholes. Existing asphalt that would be removed for pipeline and manhole excavation would be replaced. The additional impervious surface would be included as asphalt.

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

Typical BMPs that may be used to minimize the potential for erosion include:

- Installing high visibility fencing to delineate clearing and construction work limits;
- Installing straw or plastic sheeting over cleared areas to reduce runoff;
- Installing silt traps in storm drain inlets;
- Installing stabilized construction entrances where necessary;
- Covering soil stockpiles and exposed soils;
- Implementing containment measures at staging and/or material stockpile areas;
- Cleaning streets regularly for mud and dust control;
- Inspecting erosion and sediment control measures on a regular basis; and
- Restoring disturbed areas by repaving, seeding, or replanting as soon as practical after construction is completed.

Temporary erosion and sediment control measures would be identified in the project's contract documents and would be implemented as required by permitting jurisdictions.

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.

Air quality issues would be associated with construction of the proposed pipelines and would be limited primarily to fugitive dust (i.e., uncontrolled) emissions caused by trench excavation, vehicle movement over disturbed soil surfaces, wind blowing over soil stockpiles, etc. Localized increases in exhaust emissions from heavy equipment and support vehicle operation would occur during construction; however, emissions would not be great enough to noticeably affect air quality.

Temporary odors are not anticipated to occur during connection to the existing sewer system, as existing structures are dry lines with no flows. Final sewer pipes and manhole structures would be closed; no odor control is anticipated to be necessary.

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:

Dust emission impacts associated with the construction of the proposed project are not anticipated to be significant. Construction contractors would comply with regulatory requirements and implement appropriate dust control measures as necessary. Measures to minimize dust emissions from construction may include:

- Spraying exposed soils and soil storage areas with water or otherwise covering them during dry weather periods.
- Covering exposed earthen stockpiles and loads of material being transported to and from the site.

Vehicular emissions associated with construction of the project are anticipated to be short-term. Measures to minimize vehicular emissions include:

- Requiring contractors to use best available emission control technologies (e.g., mufflers).
- Maintaining all vehicles in proper working condition.
- Minimizing vehicle and equipment idling.

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.**

The pipeline would not cross any waterways. Deadman Creek and Little Deep Creek are each within 0.25 – 0.5 miles of the project area. One constructed pond is located near E Mount Spokane Park Drive and west of the BNSF Railway mainline. Two wetlands (Wetland D and E) were identified North of E Mount Spokane Park Drive and east of the BNSF Railway mainline.

- (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.**

No in-water work or work in wetlands would occur.

- (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, the project is not within a 100-year floodplain.

- (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.**

Shallow groundwater has not been encountered during exploratory borings. Any shallow groundwater encountered during excavation would be withdrawn as necessary for dewatering during construction work. The water would be discharged to the ground surface only if it meets state water quality standards.

- (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.**

No discharge into the ground from septic tanks or other sources would occur as a result of this project.

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 main source of runoff during and after construction of the proposed project would be rainfall. A Stormwater Pollution Prevention Plan (SWPPP) would be prepared that would outline BMPs to minimize water quality impacts during construction. During construction, stormwater would be routed through temporary erosion and sedimentation control facilities for proper discharge to a storm drainage system. After construction the stormwater would drain to drywells, catch basins or infiltrate.

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

No waste materials are anticipated to enter the ground during construction or operation of the proposed project. BMPs would be implemented to avoid and minimize releases of turbid water and spills from equipment.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Section B.1.h. discusses typical BMPs that would be used during construction to control erosion and sedimentation resulting from stormwater runoff. A SWPPP would be prepared by the contractor for this project. Additional construction BMPs that can be implemented to prevent the introduction of contaminants into surface water or groundwater during construction include:

- Maintaining spill containment and clean up materials in areas where equipment fueling is conducted;
- Refueling construction equipment and vehicles away from surface waters whenever practicable;
- Containing equipment and vehicle wash water associated with construction and preventing it from draining into surface waters;
- Storing fuels and other potential contaminants away from excavation sites and surface waters in secured containment areas;
- Conducting regular inspections, maintenance and repairs on fuel hoses, hydraulically operated equipment, lubrication equipment, and chemical/petroleum storage containers; and
- Establishing a communication protocol for the unlikely event of a spill (SPCC Plan).

4. Plants

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

- deciduous tree: alder, black cottonwood, Pacific willow, Bitter cherry, Douglas maple**
- evergreen tree: Ponderosa pine**
- shrubs: Douglas hawthorne, willows, serviceberry, snowberry, tall Oregon grape, mockorange, Various ornamental species through residential areas.**
- grass: reed, canary grass, orchard grass, Kentucky bluegrass, Idaho fescue, sand dropseed, bluebunch wheatgrass**
- pasture: pasture mixes (Tall fescue, orchard grass, other)**
- crop or grain, alfalfa, wheat**
- wet soil plants: cattail, buttercup, bulrush**
- water plants: water lily, eelgrass, milfoil, other**
- other types of vegetation: yarrow, weeds (prickly lettuce, spotted knapweed, dalmation toadflax, Canada thistle)**

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

Construction of the project involving trenching and adjacent construction would require clearing or altering landscaped areas and infrequently maintained or unmaintained vegetated areas. Up to six (6) acres of vegetation would be removed/alterd, including 40 bull pine, from the pipeline alignment. Areas cleared for project construction would be replanted as near as possible to pre-construction conditions.

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

A search of the Washington Department of Natural Resources (WDNR) Natural Heritage Program database was conducted for listed species in the project area; no species were identified (<http://data-wadnr.opendata.arcgis.com/>).

A search of the U.S. Fish and Wildlife Service IPaC report was conducted for listed species in the project area; no species were identified.

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

Disturbed vegetated areas would be restored to pre-project conditions through light grading and reseeded/planting.

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, hawk

Mammals: Northwest white-tailed deer, and small mammals.

Fish:

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

A search of the U.S. Fish and Wildlife Service IPaC report lists yellow billed cuckoo (*Coccyzus americanus*) as having the potential to be in the project area. Due to the rare occurrence of this species in Washington, and because no potential habitat (e.g., riparian vegetation) occurs in the project area, the Project would not affect yellow-billed cuckoo. No other threatened or endangered species are known to be on or near the site.

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

There are no anadromous fish species in the Spokane River subbasin due to the operation of hydroelectric facilities blocking fish passage.

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

Proposed measures would include revegetating all disturbed construction areas.

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.**

None would be required.

- 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 are required.

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.**

The contractor would be using petroleum products to fuel and service equipment during construction. A spill prevention plan prepared by the contractor would be developed to minimize and/or clean up spills.

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

None.

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

The following measures would be implemented:

- Size and leak test pipes to prevent overflow.
- Conduct inspection and maintenance using manholes.
- Maintain construction equipment and check for leaks daily.
- Keep spill kits in vehicles and equipment on site.
- Implement spill plan if a spill occurs.
- Contain and properly clean up spills.
- Dispose of contaminated soils at approved site.
- Maintain and refuel vehicles in approved upland areas where spills would not have the potential to enter groundwater or surface water.
- Implement best management practices to minimize water quality impacts during construction.

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 would 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 Spokane County regulations (7 a.m. to 10 p.m. per County Code 6.12.010).

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

Construction equipment would 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 area consists of residential, commercial, and transportation corridors (Hwy 2, State Route 206, and BNSF Railway).

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

No.

- c. Describe any structures on the site.**

There are adjacent residential and commercial structures.

- d. Will any structures be demolished? If so, what?**

No.

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

The following are the zoning classifications on or adjacent to the project area:

- UR – Urban Reserve
- LDR – Low Density Residential
- RC – Regional Commercial
- LDAC – Limited Development Area Commercial
- HI – Heavy Industrial
- LI – Light Industrial

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

The following are the comprehensive plan designations on or adjacent to the project area:

- Urban Reserve

- LDA Residential
- LDA Commercial-Industrial

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

Not applicable.

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

Yes, critical aquifer recharge areas have been identified as environmentally sensitive areas within the project alignment.

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 are required.

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

The proposed project consists of underground pipelines that would not be visible following the completion of construction. New at-grade manholes would be installed, which are common throughout the corridor.

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?

There are no above-grade structures proposed for the project.

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

In the short term, construction activities would be visible to adjacent properties along the alignment. Residents and businesses may see construction equipment and related vehicles due to temporary construction activities. No permanent view alterations or obstructions are anticipated.

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

Most of infrastructure constructed as part of this project would be below grade (i.e. pipelines, manholes, vaults, etc.) Asphalt and landscaping that is removed would be replaced.

11. Light and Glare

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

If construction occurs during fall or winter, active lighting of the construction area may be required at the beginning or end of the work day.

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:

None are proposed.

12. Recreation

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

Hiking, fishing, golfing and local parks occur in the project vicinity.

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 are required.

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 are known.

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

None are known.

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

The County has contracted with Plateau Archaeological Investigations, LLC (PAI) for the cultural resource survey. The study will include a review of the Washington Information System for Architectural and Archaeological Records Data database maintained by the Department of Archaeology and Historic Preservation, a background literature review, informal contact with the interested tribe(s), a pedestrian ground survey, and preparation of the report. The fieldwork will be completed in a manner consistent with Washington State Senate Bill 5282 amending RCW 27.53.030, and would include inspection techniques to identify both surface and subsurface archaeological resources. The proper field methods would be completed, at the discretion of the archaeologists, depending on the information obtained during the background review and fieldwork. Subsurface inspections could involve shovel excavations, or mechanical auger excavations, and screening of the fill to identify the nature and extent of any potential archaeological resources.

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.

Pipelines would be constructed in the following public streets:

- Day Mt. Spokane Road
- Freya Street
- Moody Road
- Medina Lane
- Ferrall Street
- Lane Park Road
- Black Road
- Emerald Avenue
- Yale Road
- Highland Road
- Mt. Spokane Park Drive
- Market Street
- Peone Pines Drive

Trenchless undercrossings will be constructed under US Highway 2 and State Route 206.

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

The site is not served by public transportation. The distance to the nearest transit stop is approximately 5 miles.

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

The completed project would not have any parking spaces, nor would it eliminate any parking spaces.

- 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).**

Spokane County plans to replace the full width pavement of the roadways where pipe is installed and would follow the road patching/paving guidance in the Inland Northwest Regional Pavement Cut Policy, dated January 1, 2017.

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

The project would occur in the immediate vicinity of rail (trenchless undercrossings of BNSF railroad tracks) and air (pipeline installation parallel to the Mead Flying Service airport). The project would not impact any of these transportation facilities.

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

Spokane County maintenance staff would be onsite approximately once a week, visiting different locations as needed. Peak volumes would occur twice a day (morning and evening). Approximately one trip per week would be generated.

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

Pipeline construction would occur outside of US Highway 2 and Mt. Spokane Park Drive (SR 206) rights of way and pipeline crossings would be trenchless. Traffic control plans would be produced to manage trenching and construction works on all other roadways. No significant transportation impacts are anticipated after completion. Construction on Freya Street in front of the Meadow Ridge Elementary School will be scheduled during the summer months when school is not in session.

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.**

None anticipated. There are three schools in the vicinity (Meadow Ridge Elementary School, Mountainside Middle School, and Mt. Spokane High School).

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

Construction would not take place within active travel lanes of US Highway 2 and Mt. Spokane Park Drive (SR 206). Crossings for both highways would be trenchless. At least one lane of traffic would remain open during construction on all other streets. Construction on Freya Street in front of the Meadow Ridge Elementary School will be scheduled during the summer months when school is not in session.

16. Utilities

- a. **Circle utilities currently available at the site:** electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. fiber optic, TV 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 general construction activities onsite would require power for pipeline construction. Where Spokane County does not have existing electrical service for the contractor's use, the contractor would supply gasoline or diesel generators as needed to power tools and facilities.

Water service could be potentially used for dust control and for onsite use during construction. Where Spokane County does not have existing water service for the contractor's use, the contractor would obtain a permit for a water meter to be used with existing fire hydrants at the work locations.

The contractor would provide temporary disposal of trash and sanitary waste during construction.

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 Environmental Services
1026 West Broadway Avenue, 4th Floor
Spokane, WA 99260-0430
(509) 477-7412




Kristen Armstrong, P.E.

12/19/18

Date

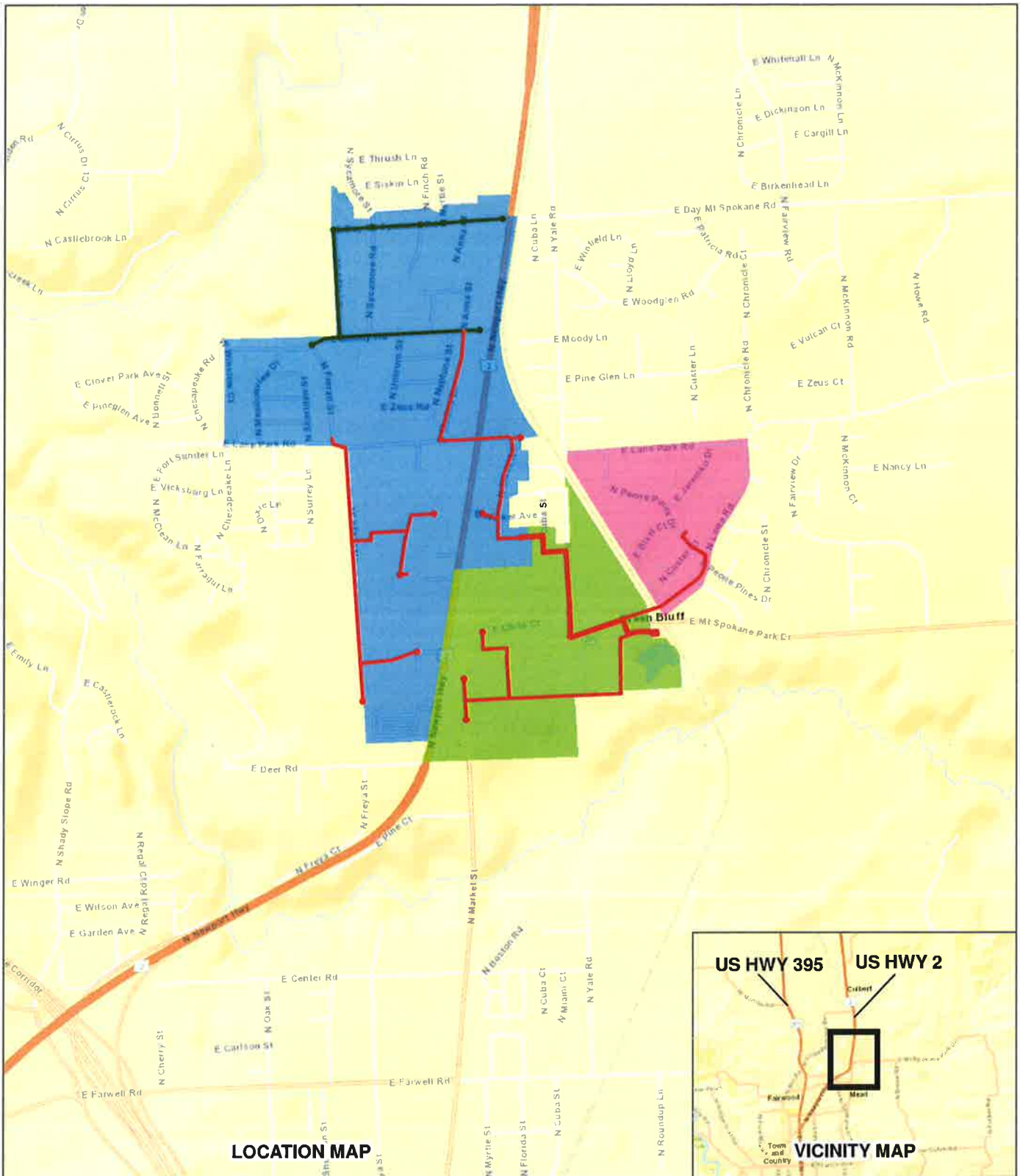
FOR STAFF USE ONLY

Staff Member(s) Reviewing Checklist:

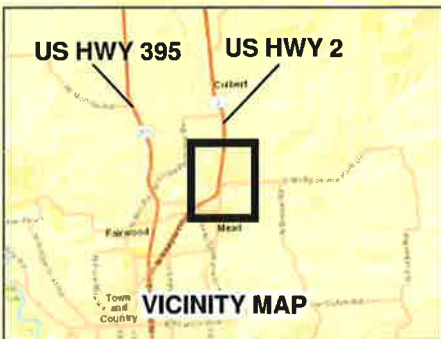

Eugene A. Repp, PE
Sewer Planning and Design Manager

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.



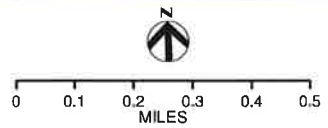
LOCATION MAP



VICINITY MAP

MEAD MT. SPOKANE PROJECT

VICINITY MAP AND LOCATION MAP



- LEGEND**
- FUTURE SEWER MAIN
 - SEWER MAIN REVIEWED UNDER PRIOR SEPA
 - MEAD MT. SPOKANE SEWER EXT. PKG. 1
 - MEAD MT. SPOKANE SEWER EXT. PKG. 2
 - PEONE PINES SEWER IMPROVEMENTS

DATA SOURCES:
DISCLAIMER:



FIGURE 1