

Appendices

VOLUME II

Appendix D

SEPA Checklist and Determination of Non-Significance



File: Comprehensive General Sewer Plan
DNS 01-18

Date Published: May 04, 2018

Please find enclosed an environmental Determination of Non-Significance issued pursuant to the State Environmental Policy Act (SEPA) Rules (Chapter 197-11), Washington Administrative Code.

You may comment on this DNS by submitting written comments within fourteen (14) days of this notice as provided for by WAC 197-11-340.

Please address all correspondence to: **Clark Regional Wastewater District**
PO Box 8979
Vancouver, WA 98668-8979
Attn: John Peterson

DISTRIBUTION LIST

Federal Agencies

- US Army Corps of Engineers, Portland District
- Northwest Power Planning Council
- Bonneville Power Administration
- US Fish and Wildlife Service, Ridgefield Refuge
- USDI Fish & Wildlife Service – Lacey WA Office

Native American Interests

- Chinook Indian Tribe
- Cowlitz Indian Tribe
- Confederated Tribes of the Grand Ronde
- Confederated Tribes of the Siletz Reservation
- Yakima Indian Nation

State Agencies

- Department of Archaeology and Historic Preservation
- Department of Community Development
- Department of Ecology – SEPA Review Section
- Department of Health
- Department of Natural Resources – SEPA Center
- Department of Fish and Wildlife
- Department of Transportation
- Department of Commerce

Regional Agencies

- Fort Vancouver Regional Library
- Battle Ground Branch-FV Library
- Three Creeks Branch-FV Library

- Southwest Clean Air Agency
- Southwest Washington Regional Transportation Council

Local Agencies

- City of Battle Ground
- City of Camas
- City of La Center
- City of Ridgefield
- City of Vancouver
 - Administration
 - Community Preservation and Development
 - Public Works
- City of Washougal
- City of Woodland
- Clark County Department of Community Development
 - Administration
 - Building Division
 - Central Files
 - Community Planning
- Clark County Department of Public Works
 - Administration
 - Environmental Public Health Service
- Clark County Public Health
- Clark County Conservation District
- Port of Camas-Washougal
- Port of Ridgefield
- Port of Vancouver
- Port of Woodland
- Vancouver-Clark Parks and Recreation

Special Purpose Agencies

- C-Tran
- CRESA
- Clark Public Utilities
- Battle Ground School District
- Vancouver School District
- Evergreen School District
- Hockinson School District
- Ridgefield School District
- Washington State University – Vancouver Campus
- Fire Protection District 3
- Fire Protection District 5
- Fire Protection District 6
- Clark County Fire and Rescue

Interest Groups

- Building Industry Association
- Southwest Washington Contractors Association

- Neighborhood Associations Council of Clark County
- Clark County Natural Resources Council
- Vancouver Housing Authority
- Columbia River Economic Development Council
- Columbia River Keepers
- Fish First
- Friends of Clark County
- Futurewise
- Greater Vancouver Chamber of Commerce
- Lower Columbia Fish Recovery Board
- Partners in Careers
- Salmon Creek Watershed Council
- Sierra Club – Loo Wit
- Vancouver Audubon Society
- Andresen/St. Johns Neighborhood Association
- East Fork Frontier Neighborhood Association
- East Fork Hills Rural Association
- East Minnehaha Neighborhood Association
- Enterprise/Paradise Point Neighborhood Association
- Fairgrounds Neighborhood Association
- Felida Neighborhood Association
- Greater Brush Prairie Neighborhood Association
- Green Meadows Neighborhood Association
- Hazel Dell/Salmon Creek Business Association
- Heritage Neighborhood Association
- Maple Tree Neighborhood Association
- Meadow Glade Neighborhood Association
- NE Hazel Dell Neighborhood Association
- North Fork Lewis Neighborhood Association
- North Salmon Creek Neighborhood Association
- Pleasant Highlands Neighborhood Association
- Proebstel Neighborhood Association
- Ridgefield Junction Neighborhood Association
- Roads End Neighborhood Association
- Sherwood Hills Neighborhood Association
- Sifton Neighborhood Association
- Sunnyside Neighborhood Association
- Truman Neighborhood Association
- Washougal River Neighborhood Association
- West Hazel Dell Neighborhood Association

DETERMINATION OF NONSIGNIFICANCE

Description of proposal:

A Comprehensive General Sewer Plan (CGSP). The CGSP provides a comprehensive plan to aid in managing and operating a system of public sewers and coordinating expansions, upgrades and renewal of the collection system infrastructure for the next 20 years. The CGSP serves as a guide for policy development and decision making, providing information on the plans for improvements to the sewer system within the District's service area. The GOSP satisfies the requirements for a General Comprehensive Plan (GCP) and General Sewer Plan (GSP). The GCP is prepared in accordance with the requirements of RCW 57.16.010. The GSP is prepared in accordance with the requirements of RCW 90.48.110 and WAC 173-240-010, 173-240-020, and 173-240-050.

The CGSP evaluates the existing and future capacity of the sanitary sewer collection system based on current and anticipated future wastewater demand. Future wastewater flows are estimated based on existing flow data and forecasted population projections within the District's sewer service area. The CGSP addresses the service needs within individual sanitary sewer drainage basins and the collective needs of the entire system, throughout the service area, to efficiently and effectively plan for the collection and conveyance of wastewater using a system of gravity and pressure sewers. The CGSP includes the general location and size of sewer infrastructure and the estimated cost of the improvements. The District does not own wastewater treatment facilities, which are not considered in the CGSP.

Proponent:

***Clark Regional Wastewater District
8000 NE 52nd Court
PO Box 8979
Vancouver, WA 98668-8979
Phone: (360)750-5876***

Location of proposal, including street address, if any:

The District office is located at 8000 NE 52nd Court, Vancouver, Washington. The service area of the District encompasses approximately forty-nine (49) square-miles and includes the northern portion of the City of Vancouver urban growth area, portions of the City of Battle Ground urban growth area, all of the City of Ridgefield urban growth area and the Rural Centers of Meadow Glade and Hockinson in Clark County, Washington.

Lead Agency: **Clark Regional Wastewater District**

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. The CGSP can be viewed online at www.crwwd.com/projects/gensewer.php.

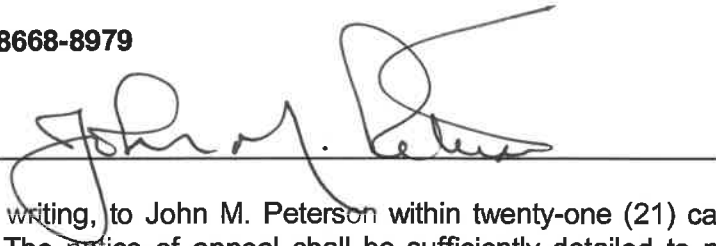
There is no comment period for this DNS.

This DNS is issued under WAC 197-11-340(2); the Lead Agency will not act on this proposal for fourteen (14) days from the date below. Comments must be submitted by May 18, 2018.

Responsible Official: **John M. Peterson, P.E.**
Position/Title: **General Manager**
Telephone: **360-993-8819**
Fax: **360-750-7570**
Address: **Clark Regional Wastewater District**
8000 NE 52nd Ct.
PO Box 8979
Vancouver, WA 98668-8979

Date: MAY 3, 2018

Signature

A handwritten signature in black ink, appearing to read "John M. Peterson", is written over a horizontal line. The signature is stylized and cursive.

This determination may be appealed, in writing, to John M. Peterson within twenty-one (21) calendar days of the date of the determination. The notice of appeal shall be sufficiently detailed to provide reasonable notice to the Clark Regional Wastewater District of how the person or the person's property is adversely affected by the proposal, any new facts, which would be important to and affect the determination and the reasons why the determination was incorrect.

Any appeal, which is timely filed, shall be scheduled for hearing by the Board of Commissioners no later than 45 days after filing. Within 30 days of the conclusion of the hearing, the Board shall render its decision accompanied by appropriate findings of fact and conclusions of law.

ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of proposed project, if applicable:

Comprehensive General Sewer Plan (CGSP), December 2017

2. Name of applicant:

Clark Regional Wastewater District (District)

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

***8000 NE 52nd Court
PO Box 8979
Vancouver, WA 98668-8979
Phone: (360)750-5876
Attn: Shawn Moore, P.E., Assistant Manager***

4. Date checklist prepared:

May 02, 2018

5. Agency requesting checklist:

The District and Ecology

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

Adoption by District Board of Commissioners will occur in 2018, followed by approval by Ecology. The schedule for actual capital improvements will be in accordance with individual basin wastewater needs. The CGSP includes an estimate of the improvements necessary and the timing of those improvements within a six (6) year period and twenty (20) year period; however, these are projections and will be adjusted as appropriate to provide the capacity needed to serve growth as it is planned for and captured.

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

The GCP is reviewed every six (6) years, in coordination with Clark County Comprehensive Plan updates, and is amended as needed to adjust for changes in land use regulations.

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

The District will accomplish SEPA environmental review for each non-exempt project within the CGSP.

9. Are other applications pending for governmental approvals affecting the property covered by your proposal? If yes, please explain.

No

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

***GCP adoption by Clark Regional Wastewater District Board of Commissioners
GSP approval by Washington State Department of Ecology
GCP approval by Clark County Public Health
GCP approval by City of Ridgefield
GCP approval by City of Battle Ground
GCP approval by City of Vancouver***

GCP approval by Clark County

11. Give a brief, complete description of your proposal, including the proposed uses and size of the project and site. There are several questions addressed 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. (Lead agencies may modify this form to include additional specific information on project description).

The District has prepared a document titled "Comprehensive General Sewer Plan" to serve as both the General Comprehensive Plan (GCP) and the General Sewer Plan (GSP). Hereafter, where both documents are referenced, they will be referred to collectively as "CGSP." The GCP is prepared in accordance with the requirements of RCW 57.16.010. The GSP is prepared in accordance with the requirements of RCW 90.48.110 and WAC 173-240-010, 173-240-020, and 173-240-050. This Environmental Checklist is prepared for environmental review of both the GCP and the GSP, which collectively are considered the proposal for this Environmental Checklist. The District is the lead agency for the CGSP proposal.

The CGSP provides a comprehensive plan to aid in managing and operating a system of public sewers and coordinating expansions, upgrades, and renewal of the collection system infrastructure for the next 20 years. The CGSP serves as a guide for policy development and decision making, providing information on the plans for improvements to the sewer system within the District's service area. The CGSP identifies roughly one-hundred individual projects and a dozen on-going capital programs, totaling \$147.2 million. Approximately \$45.7 million is forecasted for restoration and replacement projects (R&R) and \$101.5 million in capital improvement projects

The CGSP evaluates the existing and future capacity of the sanitary sewer collection system based on current and anticipated future wastewater demand. Future wastewater flows are estimated based on existing flow data and forecasted population projections within the District's sewer service area. The CGSP addresses the service needs within individual sanitary sewer drainage basins and the collective needs of the entire system, throughout the service area, to efficiently and effectively plan for the collection and conveyance of wastewater using a system of gravity and pressure sewers. The CGSP includes the general location and size of sewer infrastructure and the estimated cost of the improvements. The District does not own wastewater treatment facilities, which are not considered in the CGSP.

The District encompasses approximately 50 square miles of land ranging from single-family residential, commercial, public facility and industrial uses. The CGSP uses residential, employment and student population projections from Clark County to allocate projected growth within eighty-two (82) sanitary sewer drainage basins. The CGSP addresses the individual needs within each of these sanitary sewer drainage basins and the collective needs of the entire system to efficiently and effectively collect and convey wastewater through a system of gravity and pressure sewers. Wastewater is then discharged to one of three treatment facilities, owned and operated by others and not considered in the CGSP. The CGSP includes projections of the future sewer service population, wastewater flows, and the infrastructure necessary to serve that population, including the general location, size and cost of the improvements.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including street address, section, township, and range. If this proposal occurs over a wide area, please provide the range or boundaries of the site. Also, a legal description, site plan, vicinity map and topographic map. You are required to submit any plans required by the agency, but not required to submit duplicate maps or plans submitted with permit applications related to this checklist.

The District office is located at 8000 NE 52nd Court, Vancouver, Washington. The service area of the District includes the northern portion of the City of Vancouver urban growth area, portions of the City of Battle Ground urban growth area, all of the City of Ridgefield

urban growth area and the Rural Centers of Meadow Glade and Hockinson in Clark County, Washington.

The District service area is further described as follows:

- **City of Vancouver UGA – contained within the Clark County Urban Growth Boundary, extending north from the City of Vancouver corporate limits. The urban area, mostly unincorporated, includes approximately 35 square miles and approximately 90,000 residents. Generally extending from Vancouver Lake on the west to NE 172nd Avenue on the east and NE Minnehaha Street on the South and NE 209th Street on the North.**
- **City of Ridgefield UGA – includes the incorporated and unincorporated City of Ridgefield urban growth area. In total, the urban area includes approximately 9.4 square miles and over 5,000 residents. Generally extending from NW Hillhurst Road on the South to N 20th Street on the North and Lake River on the West and S 85th Avenue on the East.**
- **City of Battle Ground UGA – includes portions of incorporated (400 Ac+-) and unincorporated (500 Ac+-) City of Battle Ground urban growth area. The portion of the City's urban area within the District service area includes approximately 1.4 square-miles and approximately 1,000 residents. Generally extending from SW 40th Street on the South to SW 11th Street on the North and NE 96th Avenue on the West to NE 122nd Avenue (SW 10th Avenue) on the East.**
- **Meadow Glade – a County designated rural center approximately 0.7 square-miles in size, containing roughly 700 residents, adjacent to City of Battle Ground UGA. This area is bounded by NE 92nd Avenue on the West, NE 174th Street on the South, NE 122nd Avenue on the East and NE 189th Street on the North.**
- **Hockinson – a County designated rural center approximately 0.4 square-miles in size, containing roughly 500 residents. This area is roughly bounded by NE 170th Avenue on the West to NE 189th Avenue on the East and NE 155th Street on the South to NE 169th Street on the North.**

B. ENVIRONMENTAL ELEMENTS

1. EARTH

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

All of these conditions exist within the area covered under the CGSP.

- B. What is the steepest slope on the site and the approximate percentage of the slope?

Slopes vary widely across the area covered in the CGSP, ranging from flat (0%) to steep; in excess of 40% in isolated areas.

- C. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The area covered in this CGSP generally consists of the following soil classifications:

- **Sauvie-Puyallup**
- **Hillsboro-Gee-Odne**
- **Hillsboro-Dollar-Cove**
- **Lauren-Sifton-Wind-River**

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

There are isolated portions of the area covered in CGSP which have a history of slope instability.

- E. Describe the purpose, type and approximate quantities of any filling or proposed grading. Also, indicate the source of fill.

Not Applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- G. What percentage of the site will be covered with impervious surfaces after the project construction (e.g., asphalt or buildings)?

Not Applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- H. Proposed measures to reduce or control erosion, or other impacts to the earth include:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to minimize and mitigate any potential impacts to the earth.

2. AIR

- A. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, wood, smoke) during construction and after completion? If yes, describe and give approximate quantities.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control emissions or other impacts to air:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

3. WATER

- A. Surface:

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

The streams within the area covered in the CGSP include Salmon Creek and its' tributaries, Mill Creek, Curtin Creek, Morgan Creek and Woodin Creek; Whipple Creek and Gee Creek, which are tributary to Lake River; Allen Creek, which is tributary to Lewis River; Burnt Bridge Creek, which is tributary to Vancouver Lake and Lacamas Creek, which is tributary to Lacamas Lake. All of the surface water bodies within the District's service area are ultimately tributaries of the Columbia River.

2. Will the project require any work within 200 feet of the described waters? If yes, please describe and attach available plans.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

4. Will the proposal require surface water withdrawals or diversions? Please provide description, purpose and approximate quantities:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

There are isolated portions of the area covered in the CGSP which are within a 100-year floodplain. Gee Creek, Salmon Creek, Burnt Bridge Creek and Mill Creek, have flood profiles prepared by the Federal Emergency Management Agency (FEMA), and include the 100-year flood plain elevation. Lake River is within the Columbia River Flood Plain. Separate project specific environmental review and construction plans will be required.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

B. Ground:

1. Will ground water be withdrawn, or will water be discharged to ground water? Please give description, purpose, and approximate quantities.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (e.g., domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the size and number of the systems, houses to be served; or, the number of animals or humans the system are expected to serve.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

C. Water runoff (including stormwater):

1. Describe the source of runoff (including storm water) and method of collection and disposal. Include quantities, if known. Describe where water will flow, and if it will flow into other water.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. Could waste materials enter ground or surface waters? If so, please describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and

other project specific measures will be incorporated to reduce or control surface, ground and runoff water and mitigate any potential impacts.

4. PLANTS

- A. Check or circle types 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?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

There are isolated portions of the area covered in the CGSP which contain Oregon White Oak. Separate project specific environmental review and construction plans will be required.

- D. List proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to preserve and enhance vegetation and mitigate any potential impacts.

5. ANIMALS

- A. Circle any birds and animals which have been observed on or near the site:

Birds: (hawk), (heron), (eagle), (songbirds), other: monk parrot

Mammals: (deer), (bear), elk, (beaver), other: raccoons, opossums

Fish: (bass), (salmon), (trout), herring, shellfish, other: _____??

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

There are isolated portions of the area covered in the CGSP wherein Bald Eagles may reside. Salmonids in the vicinity include steelhead, chinook and chum salmon, and bull trout. Separate project specific environmental review and construction plans will be required.

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

The entire region is part of the Pacific Flyway for migrating water fowl and the Columbia River and its tributaries are part of a migratory route for anadromous fish. Separate project specific environmental review and construction plans will be required.

- D. Proposed measures to preserve or enhance wildlife:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific

plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to preserve or enhance wildlife.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- 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:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control energy impacts.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

1. Describe special emergency services that might be required.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control environmental health hazards.

- B. Noise

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

3. Proposed measures to reduce or control noise impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific

plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control noise impacts.

8. LAND AND SHORELINE USE

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

Land use within the areas covered in the CGSP includes a variety of low, medium, and high density residential, public facilities, commercial and industrial and rural residential and commercial applications in accordance with the adopted Comprehensive Plans of the County and its Cities.

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

There are isolated portions of the area covered in CGSP which may have been used for agricultural purposes, including hay and pasture.

- C. Describe any structures on the site.

Structures within the area covered in this CGSP are typical of the uses listed in section 8A above.

- D. Will any structures be demolished? If so, please describe?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- E. What is the current zoning classification of the site?

There are portions of the area covered in the CGSP with the following zoning designations: Commercial (C-2, C-3, CCB, CNB, CRB), Highway Commercial (CH, CH-12), Limited Commercial (CL), Freeway Commercial (CF), Office Commercial (OC), Business Park (BP), Mixed Use (CMU, JMU, WMU, WLS) Industrial (ML, IL, IM, EMP), University, Office Residential (OR-43), Single-Family residential (R1-5, R1-6, R1-7.5, R1-10, R1-20, RLD-4, RLD-6, RLD-8), multi-family residential (R-12, R-18, R-22, R-30, R-43, RMD-16), Agriculture (Ag-20), Rural Center (RC-1, RC-2.5, CR-1, CR-2), Parks (P/OS, P/WL), and Public Facilities.

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

Urban Low Density, Medium Density and High Density Residential, Mixed Use, City Center, General and Neighborhood Commercial, Commercial, Employment, Industrial and Heavy Industrial, Parks/Open Space, Agriculture, Rural Center, Public Facilities, Rural Industrial Land Bank and Bonneville Power Administration.

- G. What is the current shoreline master program designation of the site?

The following designations are present within or near areas covered by the CGSP: Gee Creek – Urban Conservancy and rural conservancy residential; Lake River – High Intensity, Urban Conservancy and rural conservancy resource; Salmon Creek – Urban conservancy, medium intensity; Mill Creek – Urban conservancy and rural conservancy residential; Curtin Creek – Urban conservancy; Burnt Bridge Creek – Urban conservancy; Lacamas Creek – Natural, medium intensity, urban conservancy, rural conservancy residential & resource. Separate project specific environmental review and construction plans will be required.

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

Yes, there are areas of sensitive lands within the areas covered in the CGSP. Examples include the 100-year flood plain, shoreline management areas, wetlands and wetland buffers, and critical habitat areas. Separate project specific environmental review and construction plans will be required.

- I. How many people would reside or work in the completed project?

The District projects a 2036 residential population of approximately 156,000 and employment population of approximately 57,000 in accordance with adopted County and City comprehensive plans.

- J. How many people would the completed project displace?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- K. Please list measures to avoid or reduce displacement impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to avoid or reduce displacement impacts.

- L. List proposed measures to ensure the proposal is compatible with existing and projected land uses and plans:

The wastewater demand forecasted in the CGSP is based upon current adopted comprehensive plans for the County and the Cities. The District meets regularly with the County and the Cities to coordinate the provision of sewer service and participates in their land use processes.

9. HOUSING

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

Not applicable to this proposal.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control housing impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control housing impacts.

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?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control aesthetic impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control aesthetic impacts.

11. LIGHT AND GLARE

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control light or glare impacts.

12. RECREATION

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

County and City parks, ball fields, school yards, neighborhood parks, and trail systems offer passive and active recreational opportunities within the areas covered in the CGSP. The Ridgefield National Wildlife Refuge lies adjacent to the area, near Ridgefield.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control recreational impacts.

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.

The following either are located within or near the area covered in the CGSP and are listed on the National Register of Historical Places and the Clark County Heritage Register: Anderson-Beletski Prune Farm, Vancouver, Lancaster House, Ridgefield, Basalt Cobblestone Quarries District, Ridgefield, Glenwood School, Vancouver, Lambert School, Ridgefield, Ridgefield American Women's League Chapter House, Sara Store, Ridgefield, Shobert House, Ridgefield. There are various other sites listed on the Clark County Historic Resource Inventory and Heritage Registry within or near the area covered in the CGSP.

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

Vancouver Lake Archaeological District is on the National Register of Historic Places, and is located adjacent to the District boundary.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to minimize and mitigate any potential impacts.

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.

Existing street network is shown on the individual basin maps in the CGSP.

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

Yes, C-Tran has multiple routes within portions of the area covered in CGSP.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- D. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, please describe and indicate whether public or private.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- E. Will the project use water, rail, or air transportation? If so, generally describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- F. How many vehicular trips per day would be generated by the completed project? Indicate when peak traffic volumes would occur.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- G. Proposed measures to reduce or control transportation impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control transportation 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, please describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- B. Proposed measures to reduce or control direct impacts on public services.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control impacts on public services.

16. UTILITIES

- A. Circle utilities currently available at the site: (electricity), (natural gas), (water), (refuse service), (telephone), (sanitary sewer), (septic system), other.

Most of these utilities are available within portions of the area covered in the CGSP.

- B. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on or near the site.

The proposal plans for the provision of public sewer service within the District's service area. Separate project specific environmental review and construction plans will be required.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

Date Submitted:




D. SEPA SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

INSTRUCTIONS:

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent of the proposal and the types of activities likely to result from the proposal. Please respond briefly and in general terms.

1. How would the proposal increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

There will be an increase in the volume of wastewater collected throughout the service area commensurate with the population growth forecasted and planned for in the adopted comprehensive plans covering the service area. Expressed in terms of Equivalent Residential Units (ERU), the forecast population growth is approximately 25,000 new ERU, which will generate roughly five million gallons-per-day (5 MGD) of wastewater over the twenty year planning horizon. The CGSP adequately provides for the extension of public sewer service within the service area to ensure wastewater is safely and efficiently collected and conveyed to treatment facilities. Future construction of the specific capital improvement projects in the CGSP may temporarily increase the potential discharges to water and air, and produce noise during construction.

Proposed measures to avoid or reduce such increases are:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

The CGSP proposal will not adversely impact plants, animals, fish, or marine life. Environmental review for specific projects will identify and address, if necessary, any significant adverse environmental impacts.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Separate environmental review will be completed, on a project-by-project basis, to identify and address any significant adverse environmental impacts associated with the projects identified in the CGSP. Mitigation of any significant adverse environmental impacts will be evaluated on a project-by-project basis. Construction work will be performed in compliance with applicable local ordinances and regulations and project specific permit conditions and approvals.

3. How would the proposal be likely to deplete energy or natural resources?

The CGSP proposal is not anticipated to deplete energy or natural resources. Where gravity sewer service is not feasible, pump stations and force mains will be required. Pump stations use limited amounts of energy, generally operating to pump wastewater into gravity sewers when needed. A limited number of pump stations are also provided with on-site emergency generators, diesel powered, to provide service during power outages.

Proposed measures to protect or conserve energy and natural resources are:

The improvements identified in the CGSP maximize the use of gravity sanitary sewer service. Improvements will be designed to operate as efficiently as possible and will use energy efficient fixtures where practical and cost effective. (e.g. lights, pumps, etc.). Where feasible, the CGSP extends gravity sewers to allow for the eventual removal of pump stations.

4. How would the proposal use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic

rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

The CGSP proposal takes into account environmentally sensitive areas as part of the master-planning of the capital facilities. Some capital facilities proposed within the 20-year planning horizon may use or affect some of these sensitive areas.

Proposed measures to protect such resources or to avoid or reduce impacts are:

Project-specific plans will be developed and project-specific environmental reviews will be conducted. Projects will be designed to avoid and minimize impacts to environmentally sensitive areas to the extent possible. Appropriate mitigation measures will be implemented when impacts cannot be avoided. The impacts of individual projects will be considered against the environmental regulations adopted at the time the specific improvement plans are developed.

5. How would the proposal be likely to affect land and shoreline use? Will it allow or encourage land or shoreline uses incompatible with existing plans?

This proposal is not anticipated to impact land and shoreline use, or to encourage incompatible uses.

Proposed measures to avoid or reduce shoreline and land use impacts are:

Project-specific plans will be developed and project specific environmental reviews will be conducted. Projects will be designed to avoid and minimize impacts to environmentally sensitive areas to the extent possible. Appropriate mitigation measures will be implemented when impacts cannot be avoided. The impacts of individual projects will be considered against the environmental regulations adopted at the time the specific improvement plans are developed.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Not applicable to this proposal.

Proposed measures to reduce or respond to such demand(s) are:

Not applicable to this proposal.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

The CGSP proposal is developed to comply with local, state and federal laws for the protection of the environment. The work outlined in the CGSP must be planned within the framework of the existing environmental laws.

Affidavit of Publication

STATE OF WASHINGTON)

) ss:

County of Clark)

Columbian

ACCTS PAYABLE
CLARK REGIONAL WASTEWATER-L
PO BOX 8979
VANCOUVER WA 98668-8979

REFERENCE: 70989 DNS
3452376 NOTICE OF DETERMINAT

I, the undersigned say,

That I am over the age of eighteen and not interested in the above entitled matter; that I am now, and at all time embraced in the publication herein mentioned, was, the principal clerk of the printer of The Columbian, a daily newspaper printed, published and circulated in the said county and adjudged a newspaper of general circulation by the Superior Court of the County of Clark, State of Washington, under Proceeding No. 802006715; that the advertisement, of which the annexed is a true printed copy, was published in the above-named newspaper on the following dates, to wit:

PUBLISHED ON: 05/04

TOTAL COST: 267.39
FILED ON: 05/04/18

I Certify (or declare) under penalty of perjury that the foregoing is true and correct.

Signature Deane Woodman

NOTICE OF DETERMINATION OF NONSIGNIFICANCE (DNS)

Lead Agency:

Clark Regional Wastewater District

NOTICE IS HEREBY GIVEN that the following proposal has been determined to have no 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. The CGSP can be viewed online at www.crwwd.com/projects/gensewer.php.

This DNS is issued under WAC 197-11-340(2); the Lead Agency will not act on this proposal for fourteen (14) days from the date below. Comments must be submitted by May 18, 2018.

Description of proposal:

A Comprehensive General Sewer Plan (CGSP). The CGSP provides a comprehensive plan to aid in managing and operating a system of public sewers and coordinating expensons, upgrades and renewal of the collection system infrastructure for the next 20 years. The CGSP serves as a guide for policy development and decision making, providing information on the plans for improvements to the sewer system within the District's service area. The CGSP satisfies the requirements for a General Comprehensive Plan (GCP) and General Sewer Plan (GSP). The GCP is prepared in accordance with the requirements of RCW 57.16.010. The GSP is prepared in accordance with the requirements of RCW 90.48.110 and WAC 173-240-010, 173-240-020, and 173-240-050.

The CGSP evaluates the existing and future capacity of the sanitary sewer collection system based on current and anticipated future wastewater demand. Future wastewater flows are estimated based on existing flow data and forecasted population projections within the District's sewer service area. The CGSP addresses the service needs within individual sanitary sewer drainage basins and the collective needs of the entire system, throughout the service area, to efficiently and effectively plan for the collection and conveyance of wastewater using a system of gravity and pressure sewers. The CGSP includes the general location and size of sewer infrastructure and the estimated cost of the improvements. The District does not own wastewater treatment facilities, which are not considered in the CGSP.

Proponent:

Clark Regional Wastewater District

Location of proposal, including street address, if any:

The District office is located at 8000 NE 52nd Court, Vancouver, Washington. The service area of the District encompasses approximately forty-nine (49) square miles and includes the northern portion of the City of Vancouver urban growth area, portions of the City of Battle Ground urban growth area, all of the City of Ridgefield urban growth area and the Rural Centers of Meadow Glade and Hockinson in Clark County, Washington.

Responsible Official:

John M. Peterson, P.E.

Position/Title: General Manager

Telephone: 360-993-8819

Fax: 360-750-7570

Address:

Clark Regional Wastewater District

8000 NE 52nd Ct.

PO Box 8979

Vancouver, WA 98668-8979

This determination may be appealed, in writing, to John M. Peterson within twenty-one (21) calendar days of the date of the determination. The notice of appeal shall be sufficiently detailed to provide reasonable notice to the Clark Regional Wastewater District of how the person or the person's property is adversely affected by the proposal, any new facts, which would be important to and affect the determination and the reasons why the determination is incorrect.

Any appeal, which is timely filed, shall be scheduled for hearing by the Board of Commissioners no later than 45 days after filing. Within 30 days of the conclusion of the hearing, the Board shall render its decision accompanied by appropriate findings of fact and conclusions of law.

May 4

605710

CLARK REGIONAL WASTEWATER DISTRICT SEPA DISTRUBUTION - MASTER COMMENT LIST

ID #	DATE RECEIVED	FEDERAL AGENCIES	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE	
1		Bonneville Power Administration	NONE RECEIVED			
2		US Army Corps of Engineers - Enforcement				
3		USDI Fish & Wildlife Service – Ridgefield Wildlife Refuge				
4		USDI Fish & Wildlife Service – Lacey WA Office				
ID #	DATE RECEIVED	NATIVE AMERICAN INTERESTS	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE	
5		Chinook Indian Nation	NONE RECEIVED			
6		Confederated Tribes and Bands of the Yakama Nation				
7		Confederated Tribes of the Grand Ronde				
8		Confederated Tribes of the Siletz Reservation				
9		Cowlitz Indian Tribe				
ID #	DATE RECEIVED	STATE AGENCIES	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE	
10		Department of Archaeology & Historic Preservation	NONE RECEIVED			
11		Department of Commerce				
12		Department of Community Development				
13		Department of Ecology				
14		Department of Fish & Wildlife				
15		Department of Health				
16		Department of Natural Resources				
17		Department of Transportation				
ID #	DATE RECEIVED	REGIONAL AGENCIES	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE	
18		Fort Vancouver Regional Library	NONE RECEIVED			
19		- Battle Ground Branch				
20		- Three Creeks Branch				
21		Northwest Power & Conservation Council				
22		Southwest Washington Clean Air Agency				
23		Southwest Washington Regional Transportation Council				
ID #	DATE RECEIVED	LOCAL AGENCIES	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE	
		Cities				
24		City of Battle Ground	NONE RECEIVED			
25		City of Camas				
26		City of La Center				
27		City of Ridgefield				
28		City of Vancouver – Administration				
29		City of Vancouver – Community & Economic Development				
30		City of Vancouver – Public Works				
31		City of Washougal				
32		City of Woodland				
		Counties				
33		Clark County - Board of County Councilors		NONE RECEIVED		
34		Clark County - Central Files		NONE RECEIVED		
35		Clark County - Community Planning (Economic Development)	NONE RECEIVED			
36		Clark County - Public Health	NONE RECEIVED			
		Clark County Community Development - Building Division	Le: dated 5/11/18 - sewer pertaining to Ag zoning/comp plan & RILB; response needed to question #8m	Reference the Response Letter Attached. District amended the Checklist to clarify that the District understands that service restrictions exist outside the Urban Growth Boundary.	6/5/2018	
37						
38		Clark County Public Works - Administration	NONE RECEIVED			
39		Clark County Public Works - Environmental Services	NONE RECEIVED			
		NGO's (Non-Governmental Organizations)				
40		Building Industry Association	NONE RECEIVED			
41		Clark County Natural Resources Council				
42		Columbia River Keepers				
43		Fish First				
44		Friends of Clark County				
45		Futurewise				

- 46 Greater Vancouver Chamber of Commerce
- 47 Lower Columbia Fish Recovery Board
- 48 Partners in Careers
- 49 Salmon Creek Watershed Council
- 50 Sierra Club – Loo Wit
- 51 Vancouver Audubon Society
- 52 Vancouver Housing Authority

NONE RECEIVED

ID #	DATE RECEIVED	SPECIAL PURPOSE AGENCIES/DISTRICTS	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE
53		Battle Ground School District			
54		Evergreen School District			
55		Hockinson School District			
56		Vancouver School District			
57		Ridgefield School District			
58		Washington State University - Vancouver Campus			
58		C-Tran			
59		Clark County Fire District No. 3			
60		Clark County Fire District No. 5			
61		Clark County Fire District No. 6			
62		Clark County Fire & Rescue			
62		Clark Public Utilities – Electrical			
63		Clark Public Utilities – Water			
64		CREDC			
65		CRESA			
66		Port of Camas-Washougal			
67		Port of Ridgefield			
68		Port of Vancouver			
69		Port of Woodland			
70		Vancouver-Clark Parks & Recreation			

NONE RECEIVED

ID #	DATE RECEIVED	INTEREST GROUPS	COMMENTS	DISTRICT RESPONSE	DATE OF RESPONSE
		Neighborhood Associations			
71		Neighborhood Associations Council of Clark County			
72		Andresen/St Johns Neighborhood Assoc.			
73		East Fork Frontier Neighborhood Assoc.			
74		East Fork Hills Rural Assoc.			
75		East Minnehaha Neighborhood Assoc.			
76		Enterprise/Paradise Point Neighborhood Assoc.			
77		Fairground Neighborhood Assoc.			
78		Felida Neighborhood Assoc.			
79		Greater Brush Prairie Neighborhood Assoc.			
80		Green Meadows Neighborhood Assoc.			
81		Heritage Neighborhood Assoc.			
82		Maple Tree Neighborhood Association			
83		Meadow Glade Neighborhood Assoc.			
84		NE Hazel Dell Neighborhood Assoc.			
85		NE Hazel Dell/Salmon Creek Business Assoc.			
85		North Fork Lewis River Neighborhood Assoc.			
86		North Salmon Creek Neighborhood Assoc.			
87		Pleasant Highlands Neighborhood Assoc.			
88		Proebstel Neighborhood Assoc.			
89		Ridgefield Junction Neighborhood Assoc.			
90		Roads End Neighborhood Assoc.			
91		Sherwood Hills Neighborhood Assoc.			
92		Sitton Neighborhood Assoc.			
93		Southwest Washington Contractors Association			
94		Sunnyside Neighborhood Assoc.			
95		Truman Neighborhood Assoc.			
96		Washougal River Neighborhood Assoc.			
97		West Hazel Dell Neighborhood Assoc.			

NONE RECEIVED



May 11, 2018

Clark Regional Wastewater District
PO Box 8979
Vancouver, WA 98668-8879
Attn: John Peterson

RE: Comprehensive General Sewer Plan DNS 01-18

Mr. Petersen,

Thank you for the opportunity to comment on the Clark Regional Wastewater District's Comprehensive General Sewer Plan Determination of Non Significance. In reviewing the environmental checklist, we noticed the following items that we wanted to bring to your attention.

- Under item #8 Land and Shoreline Use, item E, refers to the current zoning classification and of the site. The response for zoning included the Agriculture (AG-20) zoning classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).
- Under item #8 Land and Shoreline Use, item F, refers to the current comprehensive plan designation of the site. The response for comprehensive plan designation included the Agriculture plan classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).
- Under item #8 Land and Shoreline Use, item F, refers to the current comprehensive plan designation of the site. The response for comprehensive plan designation included the Rural Industrial Land Bank classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).
- Under item #8 Land and Shoreline Use, the following question was omitted from the checklist and must be addressed.
 - **m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:**

We look forward to receiving an amended DNS that addresses these issues.

Sincerely,

A handwritten signature in black ink, appearing to read "Oliver Orjiako". The signature is written in a cursive, flowing style.

Oliver Orjiako, Director
Community Planning

cc: Dr. Alan Melnick, Public Health Director/Clark County Health Officer
Heath Henderson, Public Works Director
Jim Rumpeltes, Interim County Manager
Kathleen Otto, Deputy County Manager
Christine Cook, Senior Deputy Prosecuting Attorney



June 5, 2018

Oliver Orjiako, Director
Clark County Community Planning
P.O. Box 9810
Vancouver, WA 98666-9810

Subject: Comprehensive General Sewer Plan DNS 01-18

Dear Mr. Orjiako:

The Clark Regional Wastewater District (District) appreciates Clark County's (County) review of the District's Determination of Nonsignificance (DNS) for the Comprehensive General Sewer Plan (GSP), which was issued on May 3, 2018. The DNS invited written comments by May 18, 2018. You submitted written comments on the DNS to me through a letter to the District dated May 11, 2018 (Attachment A to this letter). We received no other comments from any person, affected tribe or agency. Your letter commented on the District's answers to three of the SEPA environmental checklist questions for the GSP, and requested the District to add a question and answer to the checklist. Your letter also asked the District to issue an amended DNS.

Although the District was not required by SEPA Regulations to amend the SEPA Checklist for the GSP, the District has amended the checklist to make it more precise and accurate, and has added the question and answer. These amendments do not require the District to modify the original DNS. Thus, the District has not amended the DNS issued on May 3, 2018, and it is still in effect as of that date. The basis for this assessment is further explained in this letter.

SEPA Process for GSP

Because the District has not amended the DNS, it may be helpful to summarize briefly the applicable SEPA regulations, and the District's SEPA actions under them. As District General Manager and SEPA responsible official (SEPA official), I issued the DNS under WAC 197-11-340(2), which required a 14-day comment period. During the 14-day comment period, the District Board of Commissioners could not (and did not) act on the GSP, as required by the SEPA regulations.

Under SEPA regulations, if written comments are timely filed, the SEPA official must reconsider the DNS. After reconsidering the DNS, the SEPA official may either (1) retain the DNS, (2) modify the DNS, or (3) withdraw the DNS or supporting documents if significant adverse impacts are likely. The SEPA official must withdraw the DNS if (1) there are substantial changes to the proposal (GSP) so that the proposal is likely to have significant adverse environmental impacts, (2) there is significant new



information indicating, or on, the proposal's probable significant adverse environmental impacts, or (3) the DNS was procured by misrepresentation or lack of material disclosure.

Consistent with your comments, and as explained in greater detail in **Attachment B** to this letter (which sets forth your specific comments regarding questions and answers of the checklist), I have amended the checklist as follows: (1) inserted a minor change to the description of the current zoning classification for the District's service area (SEPA Checklist 8(E)); (2) inserted a minor change to the description of the current comprehensive plan designation of the District's service area (SEPA Checklist 8(F)); (3) added a sentence stating that District sewer service to the Rural Industrial Land Bank and the Freight Rail Dependent Uses Overlay is dependent on authorization by the County (SEPA Checklist 8(L)); and (4) added a SEPA Checklist category, which was not required for the GSP, stating that although the category is not applicable, at the time of project development, project specific plans will be developed that consider site conditions and best management practices and implement project specific measures to avoid or reduce impacts. The amended checklist is attached to this letter as **Attachment C**. (The amended checklist, the DNS and the draft GSP are available online at <https://www.crwwd.com/projects/genesewer.php>).

These amendments to the checklist did not change the GSP, and did not cause the GSP to have significant adverse environmental impacts. It's important to note that in our opinion, your comments on the DNS do not allege that the GSP, as a document and non-project proposal, will have significant adverse environmental impacts. Instead, your comments point out that the Rural Industrial Land Bank area and the AG-20 zoning classification area are outside of the urban growth area and cannot be served with sewer service. The District agrees with you on this point. The District's checklist, as originally written and as amended, acknowledges and agrees with this fact and consequence.

GSP Requirements

A brief explanation of The District's authority and responsibility to prepare a GSP may be helpful to explain the District's conclusion--consistent with the County's comment--that District sewer service to the Rural Industrial Land Bank and the Freight Rail Dependent Uses Overlay is dependent on authorization by the County. Under sewer district statutes, a district must adopt a "general comprehensive plan" (GCP) for the facilities that the district proposes to provide, *before* ordering any facilities. To prepare a GCP, the district commissioners must investigate all portions and sections of the district and (1) select a GCP for a sewer system that is suitable and adequate for "present and *reasonably foreseeable future needs*" of the district and (2) determine a long-term plan for financing and distributing the cost and expense of the facilities and services.

In addition, the Department of Ecology must approve a district's "general sewer plan" (GSP) before the district provides sewer service. This Ecology GSP is defined as the district's GCP under the sewer district statutes, and must include information that is not required for the GCP. Ecology must review and approve GSP's, engineering reports, plans and specifications, and operation and maintenance

manuals to determine whether proposed district facilities will be designed, constructed, operated, and maintained to meet effluent limitations and other requirements of an NPDES or state waste discharge permit, and to meet the requirements of state statutes relating to prevention and control of pollution of the waters of the state.

As you can see, the District had the option of naming its plan as either a GSP or GCP. The District elected to name its plan a GSP instead of a GCP.

The District is updating its GSP to support the County and cities within the County in achieving their adopted comprehensive planning goals and objectives. Sewer service plays an important role in protecting and promoting the health of a community. The District recognizes and respects the leadership role the County has in planning under the Growth Management Act (GMA). The District has and will continue to support and follow the basic principle that the District or other sewer service providers can provide sewer service outside of the urban growth area only after the County determines that sewer service can be provided in that area

Sewer Service Relationship to Land within the Urban Growth Boundaries

The proposed service area in the GSP includes the following two areas, called “existing” and “studied.”

Existing Areas. These are properties currently receiving sewer service (see **Attachment D** to this letter (GSP Appendix K)). Sewer service is being provided to these properties because either service was initiated prior to the original adoption of GMA or the County granted an exception in accordance with 40.370 UDC.

Studied Areas. One area is the Rural Industrial Land Bank, which the County designated as a future industrial hub and an Industrial Urban Reserve. Although the Growth Management Hearings Board set aside this designation recently, the County could implement it again in the future. The inclusion of the AG-20 zoning and Agriculture and Rural Industrial Land Bank comprehensive plan classifications in the District’s GSP checklist is specific to this Studied Area. Another area is the Freight Rail Dependent Uses Overlay, which the County approved earlier this year through amendments to the County’s comprehensive plan maps, plan text and zoning ordinances. Freight rail dependent uses will be allowed in this Overlay when the County adopts implementing development regulations at the end of this year. Sewer service could be authorized through these regulations. In Section 3.3.1 of the GSP, the District explicitly states that it will not provide sewer service to these areas until the County authorizes it, “no sewer service will be extended until the District is authorized, by the respective local governments, to serve these areas”. The individual basin map for these areas also includes a reference directing the reader to the above mentioned discussion in the body of the GSP. Additional emphasis, however, has been added to the basin map (see **Attachment D** to this letter), in response to the County’s comments. In essence, the District is simply showing

how these areas could be served by sewer, depending on decisions by the County, consistent with the requirement of RCW 57.16.010(2) to select a general comprehensive plan that is suitable and adequate for the "present and reasonably foreseeable future needs of the District."

The District's inclusion in the GSP of the Studied Areas is consistent with prior GSPs that were approved by the County. The 2001 GSP, amended in 2007, included areas outside of the UGA that the County was considering, but which ultimately it did not include. As proposed in the District's current GSP update, the District did not previously extend sewer service to any of the study area properties until they were later incorporated into the UGA or the County specifically designated the District as the purveyor for particular properties, thereby authorizing service. If the County rejects the District's inclusion of the Studied Areas in the District's current GSP update, and the County subsequently authorizes sewer service for the Studied Areas, the District will not be able to provide sewer service as deemed appropriate and necessary by the County, and sewer service will be delayed until the District is able to prepare a GSP amendment and the County reviews, analyzes and approves it.

Closing

Thank you for commenting on the SEPA DNS for the District's GSP. I trust this further explanation and discussion is helpful in understanding the full context of the District's GSP update, the District's SEPA checklist for the GSP, and the SEPA DNS for the GSP. If you have any further questions, please do not hesitate to contact me. The District looks forward to continued engagement with the County later this year through Planning Commission review and consideration by the Board of County Councilors as part of the annual Comprehensive Plan Update process.

Sincerely,



John M. Peterson, P.E.
General Manager
Clark Regional Wastewater District

Copy: Dr. Alan Melnick, Public Health Director/Clark County Health Officer
Heath Henderson, Public Works Director
Jim Rumpeltes, Interim County Manager
Kathleen Otto, Deputy County Manager
Christine Cook, Senior Deputy Prosecuting Attorney
Rod Kaseguma, Inslee Best Doezie & Ryder, P.S.
Shawn Moore, Assistant Manager
Robin Krause, District Engineer



May 11, 2018

Clark Regional Wastewater District
PO Box 8979
Vancouver, WA 98668-8879
Attn: John Peterson

RE: Comprehensive General Sewer Plan DNS 01-18

Mr. Petersen,

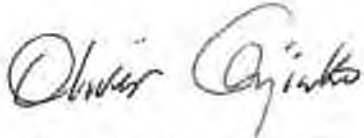
Thank you for the opportunity to comment on the Clark Regional Wastewater District's Comprehensive General Sewer Plan Determination of Non Significance. In reviewing the environmental checklist, we noticed the following items that we wanted to bring to your attention.

- Under item #8 Land and Shoreline Use, item E, refers to the current zoning classification and of the site. The response for zoning included the Agriculture (AG-20) zoning classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).
- Under item #8 Land and Shoreline Use, item F, refers to the current comprehensive plan designation of the site. The response for comprehensive plan designation included the Agriculture plan classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).
- Under item #8 Land and Shoreline Use, item F, refers to the current comprehensive plan designation of the site. The response for comprehensive plan designation included the Rural Industrial Land Bank classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).
- Under item #8 Land and Shoreline Use, the following question was omitted from the checklist and must be addressed.
 - **m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:**

ATTACHMENT A

We look forward to receiving an amended DNS that addresses these issues.

Sincerely,

A handwritten signature in black ink, appearing to read "Oliver Orjiako". The signature is written in a cursive, flowing style.

Oliver Orjiako, Director
Community Planning

cc: Dr. Alan Melnick, Public Health Director/Clark County Health Officer
Heath Henderson, Public Works Director
Jim Rumpeltes, Interim County Manager
Kathleen Otto, Deputy County Manager
Christine Cook, Senior Deputy Prosecuting Attorney



ATTACHMENT B

SEPA Comment Responses

The County's comments on the SEPA DNS for the GSP are stated below in italics. The District responses follow each comment as a separate bullet, explaining either the basis for the item/question in the checklist or the action that has been taken.

- *Under item #8 Land and Shoreline Use, item E, refers to the current zoning classification and of the site. The response for zoning included the Agriculture (AG-20) zoning classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70A.110(4).*
 - Item 8(e) asks “what is the current zoning classification of the site?” The current zoning of the “site,” which is the proposed service area of the District, includes all of the zoning classifications listed in the District’s answer to item 8(e). The District is not required to state that land with the zoning classification of Agriculture (AG-20) is outside of the UGA and would not be eligible currently for service. However, the District has amended the response to question #8(e) to reference the Freight Rail Dependent Uses Overlay and to question #8(l) to clarify that service will not be provided by the District unless and until authorized first by Clark County, as stated in Section 3.3.1 of the GSP.
- *Under item #8 Land and Shoreline Use, item F, refers to the current comprehensive plan designation of the site. The response for comprehensive plan designation included the Agriculture plan classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).*
 - Item 8(f) asks “what is the current comprehensive plan designation of the site”? The current comprehensive plan designation of the “site,” which is the proposed service area of the District, includes the designations listed in the District’s answer to item 8(f). The District is not required to highlight the Agriculture designation or to state that it is outside of the UGA and would not be eligible currently for service. However, the District has amended the response to question #8(f) to reference the comprehensive plan overlay, and to question #8(l) to clarify that service will not be provided by the District unless and until authorized first by Clark County, as stated in Section 3.3.1 of the GSP.



- *Under item #8 Land and Shoreline Use, item F, refers to the current comprehensive plan designation of the site. The response for comprehensive plan designation included the Rural Industrial Land Bank classification. This designation is currently outside of the urban growth boundary and would not be eligible for extension of sewer service per RCW 57.16.010(7) and RCW 36.70a.110(4).*
 - The District's response to this comment is the same as the response above, except that it applies to the Rural Industrial Land Bank.

- *Under item #8 Land and Shoreline Use, the following question was omitted from the checklist and must be addressed. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:*
 - Item 8(m) has been incorporated, per Section 197-11-960 WAC, as follows: "Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:". The requirement and the District's response has been included in the amended checklist.

ENVIRONMENTAL CHECKLIST - Amended

A. BACKGROUND

1. Name of proposed project, if applicable:

Comprehensive General Sewer Plan (CGSP), December 2017

2. Name of applicant:

Clark Regional Wastewater District (District)

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

***8000 NE 52nd Court
PO Box 8979
Vancouver, WA 98668-8979
Phone: (360)750-5876
Attn: Shawn Moore, P.E., Assistant Manager***

4. Date checklist prepared:

May 02, 2018

5. Agency requesting checklist:

The District and Ecology

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

Adoption by District Board of Commissioners will occur in 2018, followed by approval by Ecology. The schedule for actual capital improvements will be in accordance with individual basin wastewater needs. The CGSP includes an estimate of the improvements necessary and the timing of those improvements within a six (6) year period and twenty (20) year period; however, these are projections and will be adjusted as appropriate to provide the capacity needed to serve growth as it is planned for and captured.

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

The GCP is reviewed every six (6) years, in coordination with Clark County Comprehensive Plan updates, and is amended as needed to adjust for changes in land use regulations.

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

The District will accomplish SEPA environmental review for each non-exempt project within the CGSP.

9. Are other applications pending for governmental approvals affecting the property covered by your proposal? If yes, please explain.

No

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

***GCP adoption by Clark Regional Wastewater District Board of Commissioners
GSP approval by Washington State Department of Ecology
GCP approval by Clark County Public Health
GCP approval by City of Ridgefield***

ATTACHMENT C

GCP approval by City of Battle Ground

GCP approval by City of Vancouver

GCP approval by Clark County

11. Give a brief, complete description of your proposal, including the proposed uses and size of the project and site. There are several questions addressed 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. (Lead agencies may modify this form to include additional specific information on project description).

The District has prepared a document titled "Comprehensive General Sewer Plan" to serve as both the General Comprehensive Plan (GCP) and the General Sewer Plan (GSP). Hereafter, where both documents are referenced, they will be referred to collectively as "CGSP." The GCP is prepared in accordance with the requirements of RCW 57.16.010. The GSP is prepared in accordance with the requirements of RCW 90.48.110 and WAC 173-240-010, 173-240-020, and 173-240-050. This Environmental Checklist is prepared for environmental review of both the GCP and the GSP, which collectively are considered the proposal for this Environmental Checklist. The District is the lead agency for the CGSP proposal.

The CGSP provides a comprehensive plan to aid in managing and operating a system of public sewers and coordinating expansions, upgrades, and renewal of the collection system infrastructure for the next 20 years. The CGSP serves as a guide for policy development and decision making, providing information on the plans for improvements to the sewer system within the District's service area. The CGSP identifies roughly one-hundred individual projects and a dozen on-going capital programs, totaling \$147.2 million. Approximately \$45.7 million is forecasted for restoration and replacement projects (R&R) and \$101.5 million in capital improvement projects

The CGSP evaluates the existing and future capacity of the sanitary sewer collection system based on current and anticipated future wastewater demand. Future wastewater flows are estimated based on existing flow data and forecasted population projections within the District's sewer service area. The CGSP addresses the service needs within individual sanitary sewer drainage basins and the collective needs of the entire system, throughout the service area, to efficiently and effectively plan for the collection and conveyance of wastewater using a system of gravity and pressure sewers. The CGSP includes the general location and size of sewer infrastructure and the estimated cost of the improvements. The District does not own wastewater treatment facilities, which are not considered in the CGSP.

The District encompasses approximately 50 square miles of land ranging from single-family residential, commercial, public facility and industrial uses. The CGSP uses residential, employment and student population projections from Clark County to allocate projected growth within eighty-two (82) sanitary sewer drainage basins. The CGSP addresses the individual needs within each of these sanitary sewer drainage basins and the collective needs of the entire system to efficiently and effectively collect and convey wastewater through a system of gravity and pressure sewers. Wastewater is then discharged to one of three treatment facilities, owned and operated by others and not considered in the CGSP. The CGSP includes projections of the future sewer service population, wastewater flows, and the infrastructure necessary to serve that population, including the general location, size and cost of the improvements.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including street address, section, township, and range. If this proposal occurs over a wide area, please provide the range or boundaries of the site. Also, a legal description, site plan, vicinity map and topographic map. You are required to submit any plans required by the agency, but not required to submit duplicate maps or plans submitted with permit applications related to this checklist.

ATTACHMENT C

The District office is located at 8000 NE 52nd Court, Vancouver, Washington. The service area of the District includes the northern portion of the City of Vancouver urban growth area, portions of the City of Battle Ground urban growth area, all of the City of Ridgefield urban growth area and the Rural Centers of Meadow Glade and Hockinson in Clark County, Washington.

The District service area is further described as follows:

- *City of Vancouver UGA – contained within the Clark County Urban Growth Boundary, extending north from the City of Vancouver corporate limits. The urban area, mostly unincorporated, includes approximately 35 square miles and approximately 90,000 residents. Generally extending from Vancouver Lake on the west to NE 172nd Avenue on the east and NE Minnehaha Street on the South and NE 209th Street on the North.*
- *City of Ridgefield UGA – includes the incorporated and unincorporated City of Ridgefield urban growth area. In total, the urban area includes approximately 9.4 square miles and over 5,000 residents. Generally extending from NW Hillhurst Road on the South to N 20th Street on the North and Lake River on the West and S 85th Avenue on the East.*
- *City of Battle Ground UGA – includes portions of incorporated (400 Ac+-) and unincorporated (500 Ac+-) City of Battle Ground urban growth area. The portion of the City's urban area within the District service area includes approximately 1.4 square-miles and approximately 1,000 residents. Generally extending from SW 40th Street on the South to SW 11th Street on the North and NE 96th Avenue on the West to NE 122nd Avenue (SW 10th Avenue) on the East.*
- *Meadow Glade – a County designated rural center approximately 0.7 square-miles in size, containing roughly 700 residents, adjacent to City of Battle Ground UGA. This area is bounded by NE 92nd Avenue on the West, NE 174th Street on the South, NE 122nd Avenue on the East and NE 189th Street on the North.*
- *Hockinson – a County designated rural center approximately 0.4 square-miles in size, containing roughly 500 residents. This area is roughly bounded by NE 170th Avenue on the West to NE 189th Avenue on the East and NE 155th Street on the South to NE 169th Street on the North.*

B. ENVIRONMENTAL ELEMENTS

1. EARTH

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

All of these conditions exist within the area covered under the CGSP.

- B. What is the steepest slope on the site and the approximate percentage of the slope?

Slopes vary widely across the area covered in the CGSP, ranging from flat (0%) to steep; in excess of 40% in isolated areas.

- C. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The area covered in this CGSP generally consists of the following soil classifications:

- *Sauvie-Puyallup*
- *Hillsboro-Gee-Odne*
- *Hillsboro-Dollar-Cove*
- *Lauren-Sifton-Wind-River*

ATTACHMENT C

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

There are isolated portions of the area covered in CGSP which have a history of slope instability.

- E. Describe the purpose, type and approximate quantities of any filling or proposed grading. Also, indicate the source of fill.

Not Applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- G. What percentage of the site will be covered with impervious surfaces after the project construction (e.g., asphalt or buildings)?

Not Applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- H. Proposed measures to reduce or control erosion, or other impacts to the earth include:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to minimize and mitigate any potential impacts to the earth.

2. AIR

- A. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, wood, smoke) during construction and after completion? If yes, describe and give approximate quantities.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control emissions or other impacts to air:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

3. WATER

- A. Surface:

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

The streams within the area covered in the CGSP include Salmon Creek and its' tributaries, Mill Creek, Curtin Creek, Morgan Creek and Woodin Creek; Whipple Creek and Gee Creek, which are tributary to Lake River; Allen Creek, which is tributary to Lewis River; Burnt Bridge Creek, which is tributary to Vancouver Lake and Lacamas Creek,

ATTACHMENT C

which is tributary to Lacamas Lake. All of the surface water bodies within the District's service area are ultimately tributaries of the Columbia River.

2. Will the project require any work within 200 feet of the described waters? If yes, please describe and attach available plans.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

4. Will the proposal require surface water withdrawals or diversions? Please provide description, purpose and approximate quantities:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

There are isolated portions of the area covered in the CGSP which are within a 100-year floodplain. Gee Creek, Salmon Creek, Burnt Bridge Creek and Mill Creek, have flood profiles prepared by the Federal Emergency Management Agency (FEMA), and include the 100-year flood plain elevation. Lake River is within the Columbia River Flood Plain. Separate project specific environmental review and construction plans will be required.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

B. Ground:

1. Will ground water be withdrawn, or will water be discharged to ground water? Please give description, purpose, and approximate quantities.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (e.g., domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the size and number of the systems, houses to be served; or, the number of animals or humans the system are expected to serve.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

C. Water runoff (including stormwater):

1. Describe the source of runoff (including storm water) and method of collection and disposal. Include quantities, if known. Describe where water will flow, and if it will flow into other water.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. Could waste materials enter ground or surface waters? If so, please describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

ATTACHMENT C

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control surface, ground and runoff water and mitigate any potential impacts.

4. PLANTS

- A. Check or circle types 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?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

There are isolated portions of the area covered in the CGSP which contain Oregon White Oak. Separate project specific environmental review and construction plans will be required.

- D. List proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to preserve and enhance vegetation and mitigate any potential impacts.

5. ANIMALS

- A. Circle any birds and animals which have been observed on or near the site:

Birds: (hawk), (heron), (eagle), (songbirds), other: monk parrot

Mammals: (deer), (bear), elk, (beaver), other: raccoons, opossums

Fish: (bass), (salmon), (trout), herring, shellfish, other: _____??

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

There are isolated portions of the area covered in the CGSP wherein Bald Eagles may reside. Salmonids in the vicinity include steelhead, chinook and chum salmon, and bull trout. Separate project specific environmental review and construction plans will be required.

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

ATTACHMENT C

The entire region is part of the Pacific Flyway for migrating water fowl and the Columbia River and its tributaries are part of a migratory route for anadromous fish. Separate project specific environmental review and construction plans will be required.

- D. Proposed measures to preserve or enhance wildlife:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to preserve or enhance wildlife.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- 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:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control energy impacts.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

1. Describe special emergency services that might be required.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control environmental health hazards.

- B. Noise

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

ATTACHMENT C

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

3. Proposed measures to reduce or control noise impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control noise impacts.

8. LAND AND SHORELINE USE

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

Land use within the areas covered in the CGSP includes a variety of low, medium, and high density residential, public facilities, commercial and industrial and rural residential and commercial applications in accordance with the adopted Comprehensive Plans of the County and its Cities.

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

There are isolated portions of the area covered in CGSP which may have been used for agricultural purposes, including hay and pasture.

- C. Describe any structures on the site.

Structures within the area covered in this CGSP are typical of the uses listed in section 8A above.

- D. Will any structures be demolished? If so, please describe?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- E. What is the current zoning classification of the site?

There are portions of the area covered in the CGSP with the following zoning designations: Commercial (C-2, C-3, CCB, CNB, CRB), Highway Commercial (CH, CH-12), Limited Commercial (CL), Freeway Commercial (CF), Office Commercial (OC), Business Park (BP), Mixed Use (CMU, JMU, WMU, WLS) Industrial (ML, IL, IM, EMP), University, Office Residential (OR-43), Single-Family residential (R1-5, R1-6, R1-7.5, R1-10, R1-20, RLD-4, RLD-6, RLD-8), multi-family residential (R-12, R-18, R-22, R-30, R-43, RMD-16), Agriculture (Ag-20) with Freight Rail Dependent Uses Overlay, Rural Center (RC-1, RC-2.5, CR-1, CR-2), Parks (P/OS, P/WL), and Public Facilities.

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

Urban Low Density, Medium Density and High Density Residential, Mixed Use, City Center, General and Neighborhood Commercial, Commercial, Employment, Industrial and Heavy Industrial, Parks/Open Space, Agriculture with Freight Rail Dependent Uses Overlay, Rural Center, Public Facilities, Rural Industrial Land Bank and Bonneville Power Administration.

- G. What is the current shoreline master program designation of the site?

The following designations are present within or near areas covered by the CGSP: Gee Creek – Urban Conservancy and rural conservancy residential; Lake River – High Intensity, Urban Conservancy and rural conservancy resource; Salmon Creek – Urban conservancy, medium intensity; Mill Creek – Urban conservancy and rural conservancy residential; Curtin

ATTACHMENT C

Creek – Urban conservancy; Burnt Bridge Creek – Urban conservancy; Lacamas Creek – Natural, medium intensity, urban conservancy, rural conservancy residential & resource. Separate project specific environmental review and construction plans will be required.

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

Yes, there are areas of sensitive lands within the areas covered in the CGSP. Examples include the 100-year flood plain, shoreline management areas, wetlands and wetland buffers, and critical habitat areas. Separate project specific environmental review and construction plans will be required.

- I. How many people would reside or work in the completed project?

The District projects a 2036 residential population of approximately 156,000 and employment population of approximately 57,000 in accordance with adopted County and City comprehensive plans.

- J. How many people would the completed project displace?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- K. Please list measures to avoid or reduce displacement impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to avoid or reduce displacement impacts.

- L. List proposed measures to ensure the proposal is compatible with existing and projected land uses and plans:

The wastewater demand forecasted in the CGSP is based upon current adopted comprehensive plans for the County and the Cities. The District meets regularly with the County and the Cities to coordinate the provision of sewer service and participates in their land use processes. The District studied the feasibility of providing sewer service to certain properties which may reasonably be served in the future, but are currently located outside of the UGA. Specifically, these properties are part of the Rural Industrial Land Bank and the Freight Rail Dependent Uses Overlay. Service to these areas cannot and will not be provided unless it is first authorized by the County.

- M. *Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:*

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to avoid or reduce or control impacts.

9. HOUSING

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

Not applicable to this proposal.

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

ATTACHMENT C

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control housing impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control housing impacts.

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?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control aesthetic impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control aesthetic impacts.

11. LIGHT AND GLARE

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control light or glare impacts.

12. RECREATION

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

County and City parks, ball fields, school yards, neighborhood parks, and trail systems offer passive and active recreational opportunities within the areas covered in the CGSP. The Ridgefield National Wildlife Refuge lies adjacent to the area, near Ridgefield.

ATTACHMENT C

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control recreational impacts.

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.

The following either are located within or near the area covered in the CGSP and are listed on the National Register of Historical Places and the Clark County Heritage Register: Anderson-Beletski Prune Farm, Vancouver, Lancaster House, Ridgefield, Basalt Cobblestone Quarries District, Ridgefield, Glenwood School, Vancouver, Lambert School, Ridgefield, Ridgefield American Women's League Chapter House, Sara Store, Ridgefield, Shobert House, Ridgefield. There are various other sites listed on the Clark County Historic Resource Inventory and Heritage Registry within or near the area covered in the CGSP.

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

Vancouver Lake Archaeological District is on the National Register of Historic Places, and is located adjacent to the District boundary.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to minimize and mitigate any potential impacts.

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.

Existing street network is shown on the individual basin maps in the CGSP.

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

Yes, C-Tran has multiple routes within portions of the area covered in CGSP.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- D. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, please describe and indicate whether public or private.

ATTACHMENT C

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- E. Will the project use water, rail, or air transportation? If so, generally describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- F. How many vehicular trips per day would be generated by the completed project? Indicate when peak traffic volumes would occur.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- G. Proposed measures to reduce or control transportation impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control transportation 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, please describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- B. Proposed measures to reduce or control direct impacts on public services.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control impacts on public services.

16. UTILITIES

- A. Circle utilities currently available at the site: (electricity), (natural gas), (water), (refuse service), (telephone), (sanitary sewer), (septic system), other.

Most of these utilities are available within portions of the area covered in the CGSP.

- B. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on or near the site.

The proposal plans for the provision of public sewer service within the District's service area. Separate project specific environmental review and construction plans will be required.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Date Submitted: 6/5/18

D. SEPA SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

INSTRUCTIONS:

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent of the proposal and the types of activities likely to result from the proposal. Please respond briefly and in general terms.

1. How would the proposal increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

There will be an increase in the volume of wastewater collected throughout the service area commensurate with the population growth forecasted and planned for in the adopted comprehensive plans covering the service area. Expressed in terms of Equivalent Residential Units (ERU), the forecast population growth is approximately 25,000 new ERU, which will generate roughly five million gallons-per-day (5 MGD) of wastewater over the twenty year planning horizon. The CGSP adequately provides for the extension of public sewer service within the service area to ensure wastewater is safely and efficiently collected and conveyed to treatment facilities. Future construction of the specific capital improvement projects in the CGSP may temporarily increase the potential discharges to water and air, and produce noise during construction.

Proposed measures to avoid or reduce such increases are:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

The CGSP proposal will not adversely impact plants, animals, fish, or marine life. Environmental review for specific projects will identify and address, if necessary, any significant adverse environmental impacts.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Separate environmental review will be completed, on a project-by-project basis, to identify and address any significant adverse environmental impacts associated with the projects identified in the CGSP. Mitigation of any significant adverse environmental impacts will be evaluated on a project-by-project basis. Construction work will be performed in compliance with applicable local ordinances and regulations and project specific permit conditions and approvals.

3. How would the proposal be likely to deplete energy or natural resources?

The CGSP proposal is not anticipated to deplete energy or natural resources. Where gravity sewer service is not feasible, pump stations and force mains will be required. Pump stations use limited amounts of energy, generally operating to pump wastewater into gravity sewers when needed. A limited number of pump stations are also provided with on-site emergency generators, diesel powered, to provide service during power outages.

Proposed measures to protect or conserve energy and natural resources are:

The improvements identified in the CGSP maximize the use of gravity sanitary sewer service. Improvements will be designed to operate as efficiently as possible and will use energy efficient fixtures where practical and cost effective. (e.g. lights, pumps, etc.). Where feasible, the CGSP extends gravity sewers to allow for the eventual removal of pump stations.

ATTACHMENT C

4. How would the proposal use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

The CGSP proposal takes into account environmentally sensitive areas as part of the master-planning of the capital facilities. Some capital facilities proposed within the 20-year planning horizon may use or affect some of these sensitive areas.

Proposed measures to protect such resources or to avoid or reduce impacts are:

Project-specific plans will be developed and project-specific environmental reviews will be conducted. Projects will be designed to avoid and minimize impacts to environmentally sensitive areas to the extent possible. Appropriate mitigation measures will be implemented when impacts cannot be avoided. The impacts of individual projects will be considered against the environmental regulations adopted at the time the specific improvement plans are developed.

5. How would the proposal be likely to affect land and shoreline use? Will it allow or encourage land or shoreline uses incompatible with existing plans?

This proposal is not anticipated to impact land and shoreline use, or to encourage incompatible uses.

Proposed measures to avoid or reduce shoreline and land use impacts are:

Project-specific plans will be developed and project specific environmental reviews will be conducted. Projects will be designed to avoid and minimize impacts to environmentally sensitive areas to the extent possible. Appropriate mitigation measures will be implemented when impacts cannot be avoided. The impacts of individual projects will be considered against the environmental regulations adopted at the time the specific improvement plans are developed.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

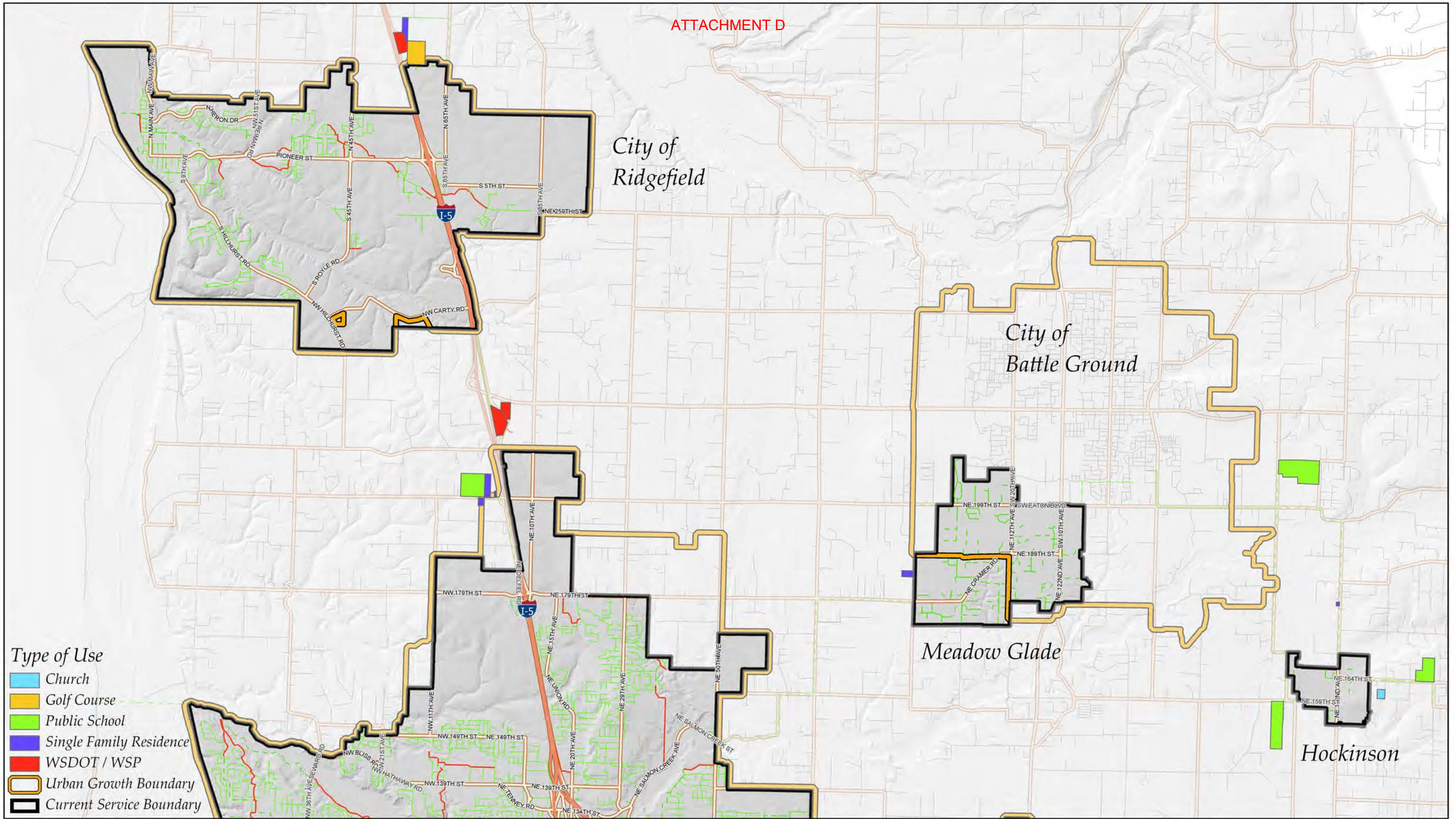
Not applicable to this proposal.

Proposed measures to reduce or respond to such demand(s) are:

Not applicable to this proposal.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

The CGSP proposal is developed to comply with local, state and federal laws for the protection of the environment. The work outlined in the CGSP must be planned within the framework of the existing environmental laws.

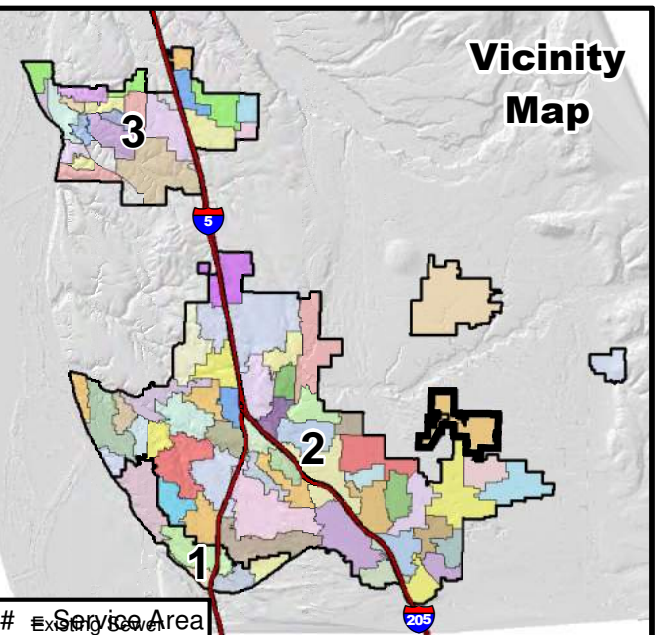
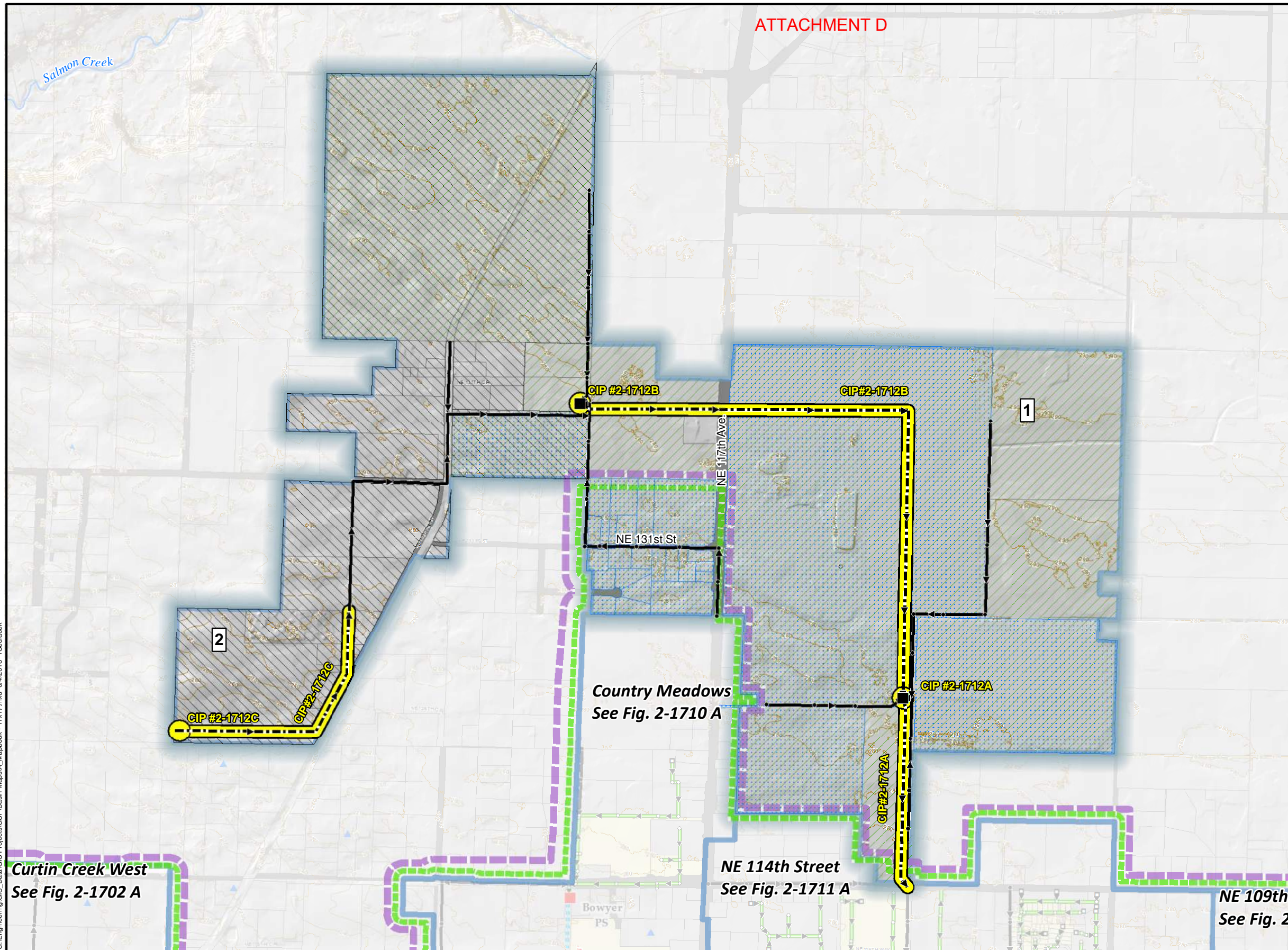


- Type of Use**
- Church
 - Golf Course
 - Public School
 - Single Family Residence
 - WSDOT / WSP
 - Urban Growth Boundary
 - Current Service Boundary

Sewer System & Basins: Clark Regional Wastewater District
 GIS Base data: Clark County
 Data sources supplied may not reflect current or actual conditions. This map is a geographic representation based on information available. It does not represent survey data. No warranty is made concerning the accuracy, currency, or completeness of data depicted on this map.
 Indicated scale when printed in 11x17 format.



Parcels served Outside of UGA
 Comprehensive General Sewer Plan
 Clark Regional Wastewater District
 December 2017



Existing Sewer System

- Pump Station
- Motor Operated Valve
- Air Release Valve
- Manhole
- Cleanout
- Permanent Flow Monitor Location
- Pressure Service
- Gravity Main
- Trunk Line
- Force Main & Diameter
- 6"
- 10"+
- Interceptor, Alliance & Diameter
- Force Main, Alliance & Diameter
- Alliance Facility
- Treatment Plant Alliance
- 6-Year CIP #
- 20-Year CIP #

Base Layers

- District Service Boundary
- City Boundary
- Urban Growth Boundary
- Basin Boundary
- District Service within City of Vancouver
- District Customers
- Parcel
- Roads / ROW
- 10ft Contour
- Parcels with Septic Systems
- Water Body
- Reservoir
- Public Water Well
- Stream /Creek
- Notes

Proposed System

- Pump Station
- Manhole
- Pressure Service
- Force Main
- Gravity Sewer (Local) Trunk

G:\Engineering\GIS Data\GIS Projects\GSP\Basin Maps\A_Mapbook - 11x17.mxd 6/4/2018 TSecleack

Curtin Creek West
See Fig. 2-1702 A

Country Meadows
See Fig. 2-1710 A

NE 114th Street
See Fig. 2-1711 A

NE 109th
See Fig. 2



Sewer System & Basins: Clark Regional Wastewater District
GIS Base data: Clark County
Data sources supplied may not reflect current or actual conditions. This map is a geographic representation based on information available. It does not represent survey data. No warranty is made concerning the accuracy, currency, or completeness of data depicted on this map.
Indicated scale when printed in 11x17 format.

Scale:
1 inch = 1,000 feet

Notes: Study Area - Service Restrictions Exist Outside the Urban Growth Boundary

- 1) Rural Industrial Land Bank (See 3.3.1)
- 2) Freight Rail Dependent uses overlay (See 3.3.1)



Mini Basin 2-1712
Land Bank
Comprehensive General Sewer Plan
Clark Regional Wastewater District
December 2016

Figure
2-1712 A

ENVIRONMENTAL CHECKLIST - Amended

A. BACKGROUND

1. Name of proposed project, if applicable:

Comprehensive General Sewer Plan (CGSP), December 2017

2. Name of applicant:

Clark Regional Wastewater District (District)

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

***8000 NE 52nd Court
PO Box 8979
Vancouver, WA 98668-8979
Phone: (360)750-5876
Attn: Shawn Moore, P.E., Assistant Manager***

4. Date checklist prepared:

May 02, 2018

5. Agency requesting checklist:

The District and Ecology

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

Adoption by District Board of Commissioners will occur in 2018, followed by approval by Ecology. The schedule for actual capital improvements will be in accordance with individual basin wastewater needs. The CGSP includes an estimate of the improvements necessary and the timing of those improvements within a six (6) year period and twenty (20) year period; however, these are projections and will be adjusted as appropriate to provide the capacity needed to serve growth as it is planned for and captured.

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

The GCP is reviewed every six (6) years, in coordination with Clark County Comprehensive Plan updates, and is amended as needed to adjust for changes in land use regulations.

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

The District will accomplish SEPA environmental review for each non-exempt project within the CGSP.

9. Are other applications pending for governmental approvals affecting the property covered by your proposal? If yes, please explain.

No

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

***GCP adoption by Clark Regional Wastewater District Board of Commissioners
GSP approval by Washington State Department of Ecology
GCP approval by Clark County Public Health
GCP approval by City of Ridgefield
GCP approval by City of Battle Ground
GCP approval by City of Vancouver***

GCP approval by Clark County

11. Give a brief, complete description of your proposal, including the proposed uses and size of the project and site. There are several questions addressed 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. (Lead agencies may modify this form to include additional specific information on project description).

The District has prepared a document titled "Comprehensive General Sewer Plan" to serve as both the General Comprehensive Plan (GCP) and the General Sewer Plan (GSP). Hereafter, where both documents are referenced, they will be referred to collectively as "CGSP." The GCP is prepared in accordance with the requirements of RCW 57.16.010. The GSP is prepared in accordance with the requirements of RCW 90.48.110 and WAC 173-240-010, 173-240-020, and 173-240-050. This Environmental Checklist is prepared for environmental review of both the GCP and the GSP, which collectively are considered the proposal for this Environmental Checklist. The District is the lead agency for the CGSP proposal.

The CGSP provides a comprehensive plan to aid in managing and operating a system of public sewers and coordinating expansions, upgrades, and renewal of the collection system infrastructure for the next 20 years. The CGSP serves as a guide for policy development and decision making, providing information on the plans for improvements to the sewer system within the District's service area. The CGSP identifies roughly one-hundred individual projects and a dozen on-going capital programs, totaling \$147.2 million. Approximately \$45.7 million is forecasted for restoration and replacement projects (R&R) and \$101.5 million in capital improvement projects

The CGSP evaluates the existing and future capacity of the sanitary sewer collection system based on current and anticipated future wastewater demand. Future wastewater flows are estimated based on existing flow data and forecasted population projections within the District's sewer service area. The CGSP addresses the service needs within individual sanitary sewer drainage basins and the collective needs of the entire system, throughout the service area, to efficiently and effectively plan for the collection and conveyance of wastewater using a system of gravity and pressure sewers. The CGSP includes the general location and size of sewer infrastructure and the estimated cost of the improvements. The District does not own wastewater treatment facilities, which are not considered in the CGSP.

The District encompasses approximately 50 square miles of land ranging from single-family residential, commercial, public facility and industrial uses. The CGSP uses residential, employment and student population projections from Clark County to allocate projected growth within eighty-two (82) sanitary sewer drainage basins. The CGSP addresses the individual needs within each of these sanitary sewer drainage basins and the collective needs of the entire system to efficiently and effectively collect and convey wastewater through a system of gravity and pressure sewers. Wastewater is then discharged to one of three treatment facilities, owned and operated by others and not considered in the CGSP. The CGSP includes projections of the future sewer service population, wastewater flows, and the infrastructure necessary to serve that population, including the general location, size and cost of the improvements.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including street address, section, township, and range. If this proposal occurs over a wide area, please provide the range or boundaries of the site. Also, a legal description, site plan, vicinity map and topographic map. You are required to submit any plans required by the agency, but not required to submit duplicate maps or plans submitted with permit applications related to this checklist.

The District office is located at 8000 NE 52nd Court, Vancouver, Washington. The service area of the District includes the northern portion of the City of Vancouver urban growth area, portions of the City of Battle Ground urban growth area, all of the City of Ridgefield

urban growth area and the Rural Centers of Meadow Glade and Hockinson in Clark County, Washington.

The District service area is further described as follows:

- **City of Vancouver UGA – contained within the Clark County Urban Growth Boundary, extending north from the City of Vancouver corporate limits. The urban area, mostly unincorporated, includes approximately 35 square miles and approximately 90,000 residents. Generally extending from Vancouver Lake on the west to NE 172nd Avenue on the east and NE Minnehaha Street on the South and NE 209th Street on the North.**
- **City of Ridgefield UGA – includes the incorporated and unincorporated City of Ridgefield urban growth area. In total, the urban area includes approximately 9.4 square miles and over 5,000 residents. Generally extending from NW Hillhurst Road on the South to N 20th Street on the North and Lake River on the West and S 85th Avenue on the East.**
- **City of Battle Ground UGA – includes portions of incorporated (400 Ac+-) and unincorporated (500 Ac+-) City of Battle Ground urban growth area. The portion of the City’s urban area within the District service area includes approximately 1.4 square-miles and approximately 1,000 residents. Generally extending from SW 40th Street on the South to SW 11th Street on the North and NE 96th Avenue on the West to NE 122nd Avenue (SW 10th Avenue) on the East.**
- **Meadow Glade – a County designated rural center approximately 0.7 square-miles in size, containing roughly 700 residents, adjacent to City of Battle Ground UGA. This area is bounded by NE 92nd Avenue on the West, NE 174th Street on the South, NE 122nd Avenue on the East and NE 189th Street on the North.**
- **Hockinson – a County designated rural center approximately 0.4 square-miles in size, containing roughly 500 residents. This area is roughly bounded by NE 170th Avenue on the West to NE 189th Avenue on the East and NE 155th Street on the South to NE 169th Street on the North.**

B. ENVIRONMENTAL ELEMENTS

1. EARTH

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

All of these conditions exist within the area covered under the CGSP.

- B. What is the steepest slope on the site and the approximate percentage of the slope?

Slopes vary widely across the area covered in the CGSP, ranging from flat (0%) to steep; in excess of 40% in isolated areas.

- C. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The area covered in this CGSP generally consists of the following soil classifications:

- **Sauvie-Puyallup**
- **Hillsboro-Gee-Odne**
- **Hillsboro-Dollar-Cove**
- **Lauren-Sifton-Wind-River**

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

There are isolated portions of the area covered in CGSP which have a history of slope instability.

- E. Describe the purpose, type and approximate quantities of any filling or proposed grading. Also, indicate the source of fill.

Not Applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- G. What percentage of the site will be covered with impervious surfaces after the project construction (e.g., asphalt or buildings)?

Not Applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- H. Proposed measures to reduce or control erosion, or other impacts to the earth include:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to minimize and mitigate any potential impacts to the earth.

2. AIR

- A. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, wood, smoke) during construction and after completion? If yes, describe and give approximate quantities.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control emissions or other impacts to air:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

3. WATER

- A. Surface:

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

The streams within the area covered in the CGSP include Salmon Creek and its' tributaries, Mill Creek, Curtin Creek, Morgan Creek and Woodin Creek; Whipple Creek and Gee Creek, which are tributary to Lake River; Allen Creek, which is tributary to Lewis River; Burnt Bridge Creek, which is tributary to Vancouver Lake and Lacamas Creek, which is tributary to Lacamas Lake. All of the surface water bodies within the District's service area are ultimately tributaries of the Columbia River.

2. Will the project require any work within 200 feet of the described waters? If yes, please describe and attach available plans.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

4. Will the proposal require surface water withdrawals or diversions? Please provide a description, purpose and approximate quantities:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

There are isolated portions of the area covered in the CGSP which are within a 100-year floodplain. Gee Creek, Salmon Creek, Burnt Bridge Creek and Mill Creek, have flood profiles prepared by the Federal Emergency Management Agency (FEMA), and include the 100-year flood plain elevation. Lake River is within the Columbia River Flood Plain. Separate project specific environmental review and construction plans will be required.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

B. Ground:

1. Will ground water be withdrawn, or will water be discharged to ground water? Please give description, purpose, and approximate quantities.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (e.g., domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the size and number of the systems, houses to be served; or, the number of animals or humans the system are expected to serve.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

C. Water runoff (including stormwater):

1. Describe the source of runoff (including storm water) and method of collection and disposal. Include quantities, if known. Describe where water will flow, and if it will flow into other water.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. Could waste materials enter ground or surface waters? If so, please describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and

other project specific measures will be incorporated to reduce or control surface, ground and runoff water and mitigate any potential impacts.

4. PLANTS

- A. Check or circle types 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?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

There are isolated portions of the area covered in the CGSP which contain Oregon White Oak. Separate project specific environmental review and construction plans will be required.

- D. List proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to preserve and enhance vegetation and mitigate any potential impacts.

5. ANIMALS

- A. Circle any birds and animals which have been observed on or near the site:

Birds: (hawk), (heron), (eagle), (songbirds), other: monk parrot
Mammals: (deer), (bear), elk, (beaver), other: raccoons, opossums
Fish: (bass), (salmon), (trout), herring, shellfish, other: _____??

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

There are isolated portions of the area covered in the CGSP wherein Bald Eagles may reside. Salmonids in the vicinity include steelhead, chinook and chum salmon, and bull trout. Separate project specific environmental review and construction plans will be required.

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

The entire region is part of the Pacific Flyway for migrating water fowl and the Columbia River and its tributaries are part of a migratory route for anadromous fish. Separate project specific environmental review and construction plans will be required.

- D. Proposed measures to preserve or enhance wildlife:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific

plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to preserve or enhance wildlife.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- 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:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control energy impacts.

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.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

1. Describe special emergency services that might be required.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control environmental health hazards.

- B. Noise

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

3. Proposed measures to reduce or control noise impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific

plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control noise impacts.

8. LAND AND SHORELINE USE

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

Land use within the areas covered in the CGSP includes a variety of low, medium, and high density residential, public facilities, commercial and industrial and rural residential and commercial applications in accordance with the adopted Comprehensive Plans of the County and its Cities.

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

There are isolated portions of the area covered in CGSP which may have been used for agricultural purposes, including hay and pasture.

- C. Describe any structures on the site.

Structures within the area covered in this CGSP are typical of the uses listed in section 8A above.

- D. Will any structures be demolished? If so, please describe?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- E. What is the current zoning classification of the site?

There are portions of the area covered in the CGSP with the following zoning designations: Commercial (C-2, C-3, CCB, CNB, CRB), Highway Commercial (CH, CH-12), Limited Commercial (CL), Freeway Commercial (CF), Office Commercial (OC), Business Park (BP), Mixed Use (CMU, JMU, WMU, WLS) Industrial (ML, IL, IM, EMP), University, Office Residential (OR-43), Single-Family residential (R1-5, R1-6, R1-7.5, R1-10, R1-20, RLD-4, RLD-6, RLD-8), multi-family residential (R-12, R-18, R-22, R-30, R-43, RMD-16), Agriculture (Ag-20) with Freight Rail Dependent Uses Overlay, Rural Center (RC-1, RC-2.5, CR-1, CR-2), Parks (P/OS, P/WL), and Public Facilities.

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

Urban Low Density, Medium Density and High Density Residential, Mixed Use, City Center, General and Neighborhood Commercial, Commercial, Employment, Industrial and Heavy Industrial, Parks/Open Space, Agriculture with Freight Rail Dependent Uses Overlay, Rural Center, Public Facilities, Rural Industrial Land Bank and Bonneville Power Administration.

- G. What is the current shoreline master program designation of the site?

The following designations are present within or near areas covered by the CGSP: Gee Creek – Urban Conservancy and rural conservancy residential; Lake River – High Intensity, Urban Conservancy and rural conservancy resource; Salmon Creek – Urban conservancy, medium intensity; Mill Creek – Urban conservancy and rural conservancy residential; Curtin Creek – Urban conservancy; Burnt Bridge Creek – Urban conservancy; Lacamas Creek – Natural, medium intensity, urban conservancy, rural conservancy residential & resource. Separate project specific environmental review and construction plans will be required.

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

Yes, there are areas of sensitive lands within the areas covered in the CGSP. Examples include the 100-year flood plain, shoreline management areas, wetlands and wetland buffers, and critical habitat areas. Separate project specific environmental review and construction plans will be required.

- I. How many people would reside or work in the completed project?

The District projects a 2036 residential population of approximately 156,000 and employment population of approximately 57,000 in accordance with adopted County and City comprehensive plans.

- J. How many people would the completed project displace?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- K. Please list measures to avoid or reduce displacement impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to avoid or reduce displacement impacts.

- L. List proposed measures to ensure the proposal is compatible with existing and projected land uses and plans:

The wastewater demand forecasted in the CGSP is based upon current adopted comprehensive plans for the County and the Cities. The District meets regularly with the County and the Cities to coordinate the provision of sewer service and participates in their land use processes. The District studied the feasibility of providing sewer service to certain properties which may reasonably be served in the future, but are currently located outside of the UGA. Specifically, these properties are part of the Rural Industrial Land Bank and the Freight Rail Dependent Uses Overlay. Service to these areas cannot and will not be provided unless it is first authorized by the County.

- M. *Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:*

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to avoid or reduce or control impacts.

9. HOUSING

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

Not applicable to this proposal.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control housing impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control housing impacts.

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?

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- C. Proposed measures to reduce or control aesthetic impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control aesthetic impacts.

11. LIGHT AND GLARE

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control light or glare impacts.

12. RECREATION

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

County and City parks, ball fields, school yards, neighborhood parks, and trail systems offer passive and active recreational opportunities within the areas covered in the CGSP. The Ridgefield National Wildlife Refuge lies adjacent to the area, near Ridgefield.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control recreational impacts.

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.

The following either are located within or near the area covered in the CGSP and are listed on the National Register of Historical Places and the Clark County Heritage Register: Anderson-Beletski Prune Farm, Vancouver, Lancaster House, Ridgefield, Basalt Cobblestone Quarries District, Ridgefield, Glenwood School, Vancouver, Lambert School, Ridgefield, Ridgefield American Women's League Chapter House, Sara Store, Ridgefield, Shobert House, Ridgefield. There are various other sites listed on the Clark County Historic Resource Inventory and Heritage Registry within or near the area covered in the CGSP.

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

Vancouver Lake Archaeological District is on the National Register of Historic Places, and is located adjacent to the District boundary.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to minimize and mitigate any potential impacts.

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.

Existing street network is shown on the individual basin maps in the CGSP.

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

Yes, C-Tran has multiple routes within portions of the area covered in CGSP.

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

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- D. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, please describe and indicate whether public or private.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- E. Will the project use water, rail, or air transportation? If so, generally describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- F. How many vehicular trips per day would be generated by the completed project? Indicate when peak traffic volumes would occur.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- G. Proposed measures to reduce or control transportation impacts:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific

plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control transportation 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, please describe.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

- B. Proposed measures to reduce or control direct impacts on public services.

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required. At the time of project development, project specific plans will be developed considering site conditions and best management practices and other project specific measures will be incorporated to reduce or control impacts on public services.

16. UTILITIES

- A. Circle utilities currently available at the site: (electricity), (natural gas), (water), (refuse service), (telephone), (sanitary sewer), (septic system), other.

Most of these utilities are available within portions of the area covered in the CGSP.

- B. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on or near the site.

The proposal plans for the provision of public sewer service within the District's service area. Separate project specific environmental review and construction plans will be required.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date Submitted: _____

[Handwritten Signature]
6/5/18

D. SEPA SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

INSTRUCTIONS:

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent of the proposal and the types of activities likely to result from the proposal. Please respond briefly and in general terms.

1. How would the proposal increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

There will be an increase in the volume of wastewater collected throughout the service area commensurate with the population growth forecasted and planned for in the adopted comprehensive plans covering the service area. Expressed in terms of Equivalent Residential Units (ERU), the forecast population growth is approximately 25,000 new ERU, which will generate roughly five million gallons-per-day (5 MGD) of wastewater over the twenty year planning horizon. The CGSP adequately provides for the extension of public sewer service within the service area to ensure wastewater is safely and efficiently collected and conveyed to treatment facilities. Future construction of the specific capital improvement projects in the CGSP may temporarily increase the potential discharges to water and air, and produce noise during construction.

Proposed measures to avoid or reduce such increases are:

Not applicable to this proposal. Separate project specific environmental review and construction plans will be required.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

The CGSP proposal will not adversely impact plants, animals, fish, or marine life. Environmental review for specific projects will identify and address, if necessary, any significant adverse environmental impacts.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Separate environmental review will be completed, on a project-by-project basis, to identify and address any significant adverse environmental impacts associated with the projects identified in the CGSP. Mitigation of any significant adverse environmental impacts will be evaluated on a project-by-project basis. Construction work will be performed in compliance with applicable local ordinances and regulations and project specific permit conditions and approvals.

3. How would the proposal be likely to deplete energy or natural resources?

The CGSP proposal is not anticipated to deplete energy or natural resources. Where gravity sewer service is not feasible, pump stations and force mains will be required. Pump stations use limited amounts of energy, generally operating to pump wastewater into gravity sewers when needed. A limited number of pump stations are also provided with on-site emergency generators, diesel powered, to provide service during power outages.

Proposed measures to protect or conserve energy and natural resources are:

The improvements identified in the CGSP maximize the use of gravity sanitary sewer service. Improvements will be designed to operate as efficiently as possible and will use energy efficient fixtures where practical and cost effective. (e.g. lights, pumps, etc.). Where feasible, the CGSP extends gravity sewers to allow for the eventual removal of pump stations.

4. How would the proposal use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic

rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

The CGSP proposal takes into account environmentally sensitive areas as part of the master-planning of the capital facilities. Some capital facilities proposed within the 20-year planning horizon may use or affect some of these sensitive areas.

Proposed measures to protect such resources or to avoid or reduce impacts are:

Project-specific plans will be developed and project-specific environmental reviews will be conducted. Projects will be designed to avoid and minimize impacts to environmentally sensitive areas to the extent possible. Appropriate mitigation measures will be implemented when impacts cannot be avoided. The impacts of individual projects will be considered against the environmental regulations adopted at the time the specific improvement plans are developed.

5. How would the proposal be likely to affect land and shoreline use? Will it allow or encourage land or shoreline uses incompatible with existing plans?

This proposal is not anticipated to impact land and shoreline use, or to encourage incompatible uses.

Proposed measures to avoid or reduce shoreline and land use impacts are:

Project-specific plans will be developed and project specific environmental reviews will be conducted. Projects will be designed to avoid and minimize impacts to environmentally sensitive areas to the extent possible. Appropriate mitigation measures will be implemented when impacts cannot be avoided. The impacts of individual projects will be considered against the environmental regulations adopted at the time the specific improvement plans are developed.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Not applicable to this proposal.

Proposed measures to reduce or respond to such demand(s) are:

Not applicable to this proposal.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

The CGSP proposal is developed to comply with local, state and federal laws for the protection of the environment. The work outlined in the CGSP must be planned within the framework of the existing environmental laws.