ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for non-project proposals:

Complete the checklist for non-project proposals, even though questions may be answered "does not apply." In addition, complete the supplemental sheet for Non-project Actions (part D).

For non-project actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

   City of La Center Sewer Construction in La Center Road

2. Name of applicant:

   City of La Center

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

   City of La Center Public Works

   305 NW Pacific Highway

   La Center, WA. 98629

   c/o Tony Cooper, PE, City Engineer

4. Date checklist prepared:

   September 29, 2016

5. Agency requesting checklist:

   City of La Center

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

   Construction October 2016 to February 2017

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

   No. This project is to construct two parallel sewer pipes on La Center Road from the west city right of way line to the La Center Waste Water Treatment Plant.

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

   FEIS November 2013, Amendments to the FEIS La Center Urban Area Comprehensive Plan (2006), La Center Urban Area Capital Facilities Plan, and La Center Municipal Code.

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

   There are no applications are pending for governmental approval.

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

    City of La Center Permits: Right of Way, Erosion Control,

    WA Dept. of Ecology: NPDES Construction Stormwater Permit,

11. Give brief, complete description of your proposal, including uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The City of La Center owns and operates a municipal sewer utility and roadway network. The project consists of extending a sanitary sewer collection system along La Center Road from the publicly operated treatment works to the westerly city boundary. The work consists of constructing two parallel sewer pipes in La Center Road for development and connections along La Center Road. A 12-inch diameter gravity sewer will be constructed from the west boundary of La Center and extend to a new lift station on the south side of La Center Road adjacent to McCormick Creek. Then one 6-inch diameter and one 8-inch diameter force mains will be constructed from this new pump station to an existing manhole adjacent to the Waste Water Treatment Plan just east of the La Center bridge. The project will take place within prior-disturbed City right-of-way.

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

The new sewer line will be constructed at the west boundary of La Center on the east side of the I-5 Bridge/Interchange. The sewer system will be installed between this west boundary, on the south side of La Center Road easterly across the La Center Bridge to an existing manhole that outfalls directly to the Municipal Waste Water Treatment Plant.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, **rolling,** hilly, steep slopes, mountainous, other **Existing Roadway,** La Center Road.

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

The steepest slope is along the road and is 15% maximum.

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

There are a combination of Hillsboro Silt Loam and Gee Silt Loam. The lands along the construction are within the municipal boundaries of the City of La Center. Lands are developed or proposed to be developed to urban levels.

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

There are no slopes greater than 5% in the area. The area is developed or proposed to be developed to urban density.

c. Describe the purpose, type, and approximate quantities of any filling or grading proposed.

Excavation will produce approximately 4,000 cubic yards of material that will be removed and hauled away. Aggregate base will be used predominately for backfill of the trench.

Indicate source of fill.

There will be approximately 1,000 cubic yards of fill required at the pump station site. This will either be imported structural fill from a gravel pit or from the trench spoils.

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

Trench work is generally within an existing paved roadway. Standard trenching and shoring will be performed throughout the project. Areas of potential erosion will be covered or treated. No erosion is anticipated for this work.

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

A small amount additional impervious surface will be created for the site of the new lift station and access road to the lift station.

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

Earth disturbing activities have the potential for erosion. Erosion control measures will be provided in accordance with the City of La Center Erosion Control Code (LCMC 18.320).

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Normal construction vehicles will be used such as an excavator and dump trucks. These vehicles will have appropriate emission control per state law. Minimal dust is anticipated during construction. Measures will be required by the contractor to control dust if it occurs.

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

None.

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

3. Water

a. Surface:

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

Yes. McCormick Creek drains by culverts underneath La Center Road. The impervious area that will be constructed adjacent to the road will be treated for water quality per city ordinance before flowing to the creek below the roadway. The pipeline will cross over the East Fork of the Lewis River suspended from the existing vehicle bridge. There are wetlands outside of the public right-of-way at the East Fork Crossing. Wetlands associated with McCormick Creek are outside of the project right-of-way/scope.

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

Yes the installation of the sewer piping and lift station site will be adjacent to and/or over the Creek. The construction will not impact the creek for culverts below the roadway. A 6-inch and 8-inch force main line will be suspended from the decking of the La Center Road Bridge.

iii. 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.

None.

Indicate the source of fill material.

No fill is required in this project.

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

No.

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

No.

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

No.

b. Ground:

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

No

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

None.

c. Water runoff (including storm water):

i. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow?

Impervious area will be added to the project for an access road and pump station concrete pad. The access road will only be for maintenance and will not be subject to daily traffic. However, since the new access road impervious area will be above 2,000 square feet, the storm runoff will be treated by catch basin filtration per city ordinance 18.320.

Will this water flow into other waters? If so, describe.

Yes. It will sheet flow from the access road and through existing vegetation to McCormick Creek.

ii. Could waste materials enter ground or surface waters? If so, generally describe.

No.

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

There will be no impacts to surface water since there is no added impervious area.

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

__X__grass

_____pasture

_____crop or grain

_____wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

_____water plants: water lily, eelgrass, milfoil, other

___X other types of vegetation

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

None

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

None known.

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

No impacts to existing landscaping.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

Birds: **hawk, heron, eagle, songbirds, sparrows, jays, waterfowl, and other passerine**

Mammals: **deer, beaver, raccoon, small rodents**

Fish: **bass, salmon, trout**

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

Within the East Fork of the Lewis River known species include: Fall Chinook Salmon (Threatened), Coho Salmon (Candidate), Fall Chum Salmon (Threatened), and Summer & Winter Steelhead (Threatened). McCormick Creek is listed as a fish-bearing stream but contains fish barriers. Potential species include Fall Chum, Coho, and Summer Steelhead.

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

This project site, as well as most of Clark County, lies within the Pacific flyway for migratory birds, including waterfowl.

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

No measures are proposed at this time; no impacts to habitat are anticipated as part of this project

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.

Electricity will be needed to operate the pump station

b. Would your project affect the potential use of solar energy by adjacent properties?

No.

If so, generally describe.

c. What kinds of energy conservation features are included in the plans of this proposal?

Pumps and motors will be equipped with VFD's and other energy conservation features

List other proposed measures to reduce or control energy impacts, if any:

7. Environmental health

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

No. During project construction the contractor will be using fossil fuels and other petroleum based fluids-lubrication, hydraulic, etc. The sewer is being piped across a river. The City will comply with engineering standards for construction and best management practices.

i. Describe special emergency services that might be required.

The requirements of LCMC 12.10 Section 1.55 (Environmental Protection During Construction) apply to this project. ii. Proposed measures to reduce or control environmental health hazards, if any:

Work associated with this construction project will comply with LCMC 12.10 Section 1.55 (Environmental Protection During Construction.

b. Noise

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

There are no noises in the area that have the potential to affect the project

ii. 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.

Noise will be generated by general construction equipment and personnel and will occur generally during 7:00 AM to 5:00 PM.

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

Use of proper engine mufflers, protective sound reducing enclosures where appropriate.

8. Land and shoreline use

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

The current use of the project area includes city streets. Adjacent properties are a mix of residential, mixed use, commercial, industrial and agricultural uses.

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

The site is used as public roadways.

c. Describe any structures on the site.

The proposed sewer force main will cross La Center Road Bridge. Existing openings in the girders of the bridge have been previously placed to accommodate the new 8-inch diameter force main. Pipe hangers will be installed on the girders as additional support for the force main.

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

No structures will be demolished.

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

The City of La Center does not classify roadways with zoning.

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

City road right-of-way

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

The Shoreline classification of the East Fork of the Lewis River under the bridge is Urban Conservancy and Medium Intensity. McCormick Creek is not a shoreline of the state. Public utilities are allowed within the shoreline designation. However, this project is within existing roadways and will not impact shorelines.

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

Yes, McCormick Creek and the East Fork of the Lewis River are classified as critical areas and riparian habitat areas.

i. Approximately how many people would reside or work in the completed project?

Utility corridor will be located within existing roadways; no persons will reside or work at the completed project.

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

N/A

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

N/A

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

The proposed sewer is consistent with the City of La Center General Sewer Plan.

9. Housing

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

N/A

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

N/A

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

N/A

10. Aesthetics

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

N/A

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

N/A

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

N/A

11. Light and glare

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

Outdoor lighting is planned for the pumping station location. The lighting will occur during evening hours.

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

No lighting or glare will create a safety hazard or interfere with views.

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

N/A

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

Lighting will only be used as security or for occasional repair and maintenance.

12. Recreation

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

La Center City parks are in the vicinity of the La Center road bridge over the East Fork

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

The project will not displace any recreational use.

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

N/A

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national state, or local preservation registers known to be on or next to the site? If so, generally describe.

The roadway was constructed on fill. The probability of containing cultural or Archeological findings is low.

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

None

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

The project will have an inadvertent discovery plan associated with construction.

14. Transportation

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

The sewer line project is within La Center Road. Appropriate traffic control measures during construction will be implemented.

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

The project is minimally served with public transportation. Two daily transit busses use La Center road for transit services.

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

N/A

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

New roads or streets are not part of this project.

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

N/A

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

N/A

Proposed measures to reduce or control transportation impacts, if any.

Construction impacts to transportation are temporary.

15. Public services

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

No.

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

N/A

16. Utilities

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

N/A

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N/A

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: Cynthia Lee Cooper Date: 10/25/16