

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background _____

1. Name of proposed project, if applicable: **AHCC Reclaimed Water System**
2. Name of applicant: **Department of Corrections**
3. Address and phone number of applicant and contact person:

Jim Parker
Department of Corrections
PO Box 1899
Airway Heights, WA 99001-1899
Phone: (509) 244-6782

4. Date checklist prepared: **7-06-2020**
5. Agency requesting checklist: **Washington State Department of Enterprise Services**
6. Proposed timing or schedule (including phasing, if applicable):
Construction is expected to begin in August 2020 and end in May of 2021.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **No**
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
An Endangered Species Review has been conducted concurrently with this SEPA. No threatened or endangered plants or animals are expected to be impacted by this project.
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. **No other applications pending.**
10. List any government approvals or permits that will be needed for your proposal, if known.
N/A
11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)
The proposed project includes connecting reclaimed water mains currently located adjacent to Airway Heights Corrections Center (AHCC) to several locations within AHCC. This includes trenching and installing new reclaimed water mains, services, interior plumbing, and associated connections.
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project location is within Section 24, Township 25 North, Range 41 East, of the Willamette Meridian. More specifically, the project is located at the Airway Height Corrections Center, within the city limits of Airway Heights, Washington, near the intersection of Sprague Avenue and South Russell Street.

B. Environmental Elements _____

1. Earth _____

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other Flat

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

Approximately 20%

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Soil found on site are predominantly silty loams in the upper 28 inches of soil and gravelly sands deeper than 28 inches.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No**

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

Excavation and backfill will occur for the proposed water main trenches. Total excavation and backfill is estimated at 9,000 cubic yards each.

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

Local erosion could occur as a result of construction activities. Erosion control measures will be required of the contractor as part of the construction documents.

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

The location and total area of impervious surfaces will not change due to this project.

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

Best management practices will be used to control erosion during construction, including silt fencing and storm drain protection.

2. Air _____

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Construction equipment may cause emissions and dust during the construction period. The completed project will not produce any air emissions or odors.

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

No

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

The contractor will be required to meet all federal, state, and local emissions regulations.

3. Water _____

- a. Surface Water: _____

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

No.

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

N/A

- 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.

N/A

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

No

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

No

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

No

- b. Ground Water: _____

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No

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

None. N/A

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Stormwater runoff from the project area will be retained, treated, and disposed of on site in accordance with applicable stormwater requirements; including during construction and post construction.

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

No

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No.

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

Treatment of stormwater will be through the use of stormwater disposal Best Management Practices (BMPs). Construction equipment is required to meet State and local pollution protection regulations.

4. *Plants* _____

a. Check the 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
 Orchards, vineyards or other permanent crops.
 wet soil plants: cattail, buttercup, bullrush, 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?

Vegetation removal/alteration will include grass and approximately 1 tree. The grass removed during construction will be re-seeded at the end of the construction process.

- c. List threatened and endangered species known to be on or near the site.
According to U.S. Fish and Wildlife Service, Water Howellia, and Spalding's Catchfly are threatened plant species known to be in the area.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Grass areas that are disturbed during construction will be re-seeded or re-sodded depending on pre-construction condition.
- e. List all noxious weeds and invasive species known to be on or near the site.
None identified.

5. Animals _____

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

The project site is a fenced corrections facility and does not contain any wildlife habitat.

- b. List any threatened and endangered species known to be on or near the site.
According to U.S. Fish and Wildlife Service, the Yellow-billed Cuckoo, The Bull Trout are threatened animal species known to be in the area.
- c. Is the site part of a migration route? If so, explain.
No
- d. Proposed measures to preserve or enhance wildlife, if any:
None. The project site does not contain any wildlife habitat.
- e. List any invasive animal species known to be on or near the site.
None identified.

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.

Electric energy will be used to run a water softener that will be installed as part of the project.

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

No

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

Energy efficient equipment will be used wherever practical.

7. Environmental Health _____

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

The only risk is associated with the project is with the oil & gasoline that the construction equipment requires. The contractor will be required to use best management practices while fueling or performing maintenance on construction vehicles.

- 1) Describe any known or possible contamination at the site from present or past uses.

The area may have groundwater contamination. This will not affect the project because excavation will not be near groundwater.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

The project site has underground natural gas transmission lines. The transmission lines have been located and will not be disturbed during construction.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Normal construction materials for excavation and paving, including: diesel fuel, road oil, machinery oil, antifreeze, and asphalt cement.

- 4) Describe special emergency services that might be required.

A spill response team will be required in the case of a spill.

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

The contractor will need to be aware of any hazardous conditions present on site and follow proper safety protocols, training, and appropriate OSHA safety procedures.

b. *Noise*

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

Noise in the project area is currently generated by adjacent roads, and adjacent buildings' mechanical systems, such as HVAC systems. The project will not be affected by noise.

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.

Construction equipment used to complete the project will produce noise. Working hours will typically be between 7 am and 7 pm. The completed project will be underground reclaimed water transmission lines and will not produce any noise.

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

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

8. *Land and Shoreline Use* _____

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The current use of the site is a corrections facility. The proposal will not affect current land uses on nearby or adjacent properties.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No

c. Describe any structures on the site.

The site currently has corrections facility buildings, fences, guard towers, and roads; as well as other supporting infrastructure.

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

No.

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

The site is zoned "Public." This zoning classification is describes as publicly owned facilities and institutions.

- f. What is the current comprehensive plan designation of the site?
The City of Airway Heights' comprehensive plan does not propose any change in use for the project site.
- g. If applicable, what is the current shoreline master program designation of the site?
N/A
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
No
- i. Approximately how many people would reside or work in the completed project?
None
- j. Approximately how many people would the completed project displace?
None
- k. Proposed measures to avoid or reduce displacement impacts, if any:
N/A
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
None. The project is in accordance with the projected land use.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
None. The project does not impact agricultural or forest lands.

9. Housing _____

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
None
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
None
- c. Proposed measures to reduce or control housing impacts, if any:
None. The project does not impact housing.

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?
A 3'-4" tall CMU wall is the tallest height of any proposed structure.

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

No views will be altered or obstructed.

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

The aesthetics of the project will remain effectively unchanged. The only outdoor above grade features will be a small CMU wall and frost free hydrants.

11. Light and Glare _____

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

None. N/A.

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

No.

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

None.

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

None.

12. Recreation _____

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

N/A. The project site is a corrections facility.

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

No.

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

None. N/A.

13. Historic and cultural preservation _____

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

There are no buildings, structures or sites that are listed or eligible for listing, located within, or adjacent to the project area.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

The project site is currently developed land. There is no evidence of and Indian or historic use or occupation of the land.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.
Washington State Department of Archaeology and Historic Preservation (DAHP) was consulted. DAHP determined that the project is not likely to impact cultural resources.
- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.
If cultural resources are discovered during construction, construction will stop, the area will be secured, and the concerned tribes and DAHP will be notified.

14. Transportation _____

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.
South Russell Street, and Sprague Avenue serve the site. The project will be accessed by both roads.
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?
There are 4 bus stops at or near the project. Public transit will not be affected by the project.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
None.
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).
No.
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No.
- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?
None. The project is to install underground reclaimed water transmission lines and will not generate additional vehicle trips.
- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.
No.

- h. Proposed measures to reduce or control transportation impacts, if any:
Transportation outside of the corrections facility will not be impacted.
Transportation impacts within the corrections facility will be coordinated as necessary.

15. Public Services _____

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. **No.**
- b. Proposed measures to reduce or control direct impacts on public services, if any.
None.

16. Utilities _____

- a. Circle utilities currently available at the site:
electricity natural gas water refuse service telephone sanitary sewer septic system,
other _____
- c. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
The finished project will require electricity which is currently provided at the project site. Electricity is provided by Avista.

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:  _____

Name of signee Matt Morkert P.E.

Position and Agency/Organization Vice President, Century West Engineering Corp.

Date Submitted: 7/6/20