

Date Published: March 8, 2018

To Whom It May Concern:

Please find enclosed a Determination of Non-Significance (DNS) for the Camp Lacamas Sewer Step System (SEPA17-25) that was issued pursuant to the State Environmental Policy Act (SEPA) Rules, Chapter 197-11, Washington Administrative Code. The enclosed review comments reflect evaluation of the environmental checklist by the lead agency as required by WAC 197-11-330(1)(a)(i).

The following materials were submitted with the initial application:

- General application form and fee
- Pre application notes
- Applicant's narrative
- Site drawings
- SEPA checklist
- Wetland report
- Critical Areas memo
- Archaeological report and permit
- Mailing labels

All application materials are available for review upon request from the Community Development Department, with the exception of the archaeological information (RCW 42.56.300).

Written comments may be submitted on this determination within fourteen (14) days of its issuance, after which the DNS will be reconsidered in light of the comments received.

Please address all correspondence to:

City of Camas, SEPA Official Community Development Department 616 NE Fourth Avenue Camas, Washington 98607 communitydevelopment@cityofcamas.us

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Washington Office of Archaeology & Historic Preservation

Washington State Department of Transportation

Washington State Parks and Recreation Commission, Environmental Program

Property Owners within 300 feet (mailed the SEPA Determination & map)



## State Environmental Policy Act Determination of Non-Significance

CASE NO:

SEPA 17-25

APPLICANT:

City of Camas

616 NE 4<sup>th</sup> Avenue Camas, WA 98607

REQUEST:

To install a new Septic Tank Effluent Pumping (STEP) system consisting of approximately 900 feet of sewer line, four underground septic tanks and an above ground small electrical panel. The existing septic tanks

will be decommissioned in place.

LOCATION:

2025 NE Goodwin Road

Camas, WA 98607

LEGAL DESCRIPTION:

The project is located in the City of Camas in the SE  $\frac{1}{4}$  of Section 20, Township 2 North, Range 3 East, of the Willamette Meridian. The location is also dedicated as parcel number

172543000).

**SEPA DETERMINATION:** 

Determination of Non-Significance (DNS)

**COMMENT DEADLINE:** 

March 22, 2018, at 5:00 p.m.

As lead agency under the State Environmental Policy Act (SEPA) Rules [Chapter 197-11, Washington Administrative Code (WAC)], the City of Camas must determine if there are possible significant adverse environmental impacts associated with this proposal. The options include the following:

- DS = Determination of Significance (The impacts cannot be mitigated through conditions of approval and, therefore, requiring the preparation of an Environmental Impact Statement (EIS).
- MDNS = Mitigated Determination of Non-Significance (The impacts can be addressed through conditions of approval), or;
- DNS = Determination of Non-Significance (The impacts can be addressed by applying the Camas Municipal Code).

#### **Determination:**

**Determination of Non-Significance (DNS).** The City of Camas, as lead agency for review of this proposal, has determined that this proposal 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)(e). This decision was made after review of a completed environmental checklist, and other information on file with the City of Camas.

#### Date of Publication & Comment Period:

Publication date of this DNS is <u>March 8, 2018</u>, and is issued under WAC 197-11-340. The lead agency will not act on this proposal until the close of the 14-day comment period which ends on <u>March 22, 2018</u>. Comments may be sent by email to <u>communitydevelopment@cityofcamas.us</u>.

#### SEPA Appeal Process:

An appeal of any aspect of this decision, including the SEPA determination and any required mitigation, must be filed with the Community Development Department within fourteen (14) calendar days from the date of the decision notice. The letter of appeal should contain the following information.

- The case number designated by the City of Camas and the name of the applicant; and,
- The name and signature of each person or group (petitioners) and a statement showing that each petitioner is entitled to file an appeal as described under Title 16 of the Camas Municipal Code. If multiple parties file a single petition for review, the petition shall designate one party as the contact representative with the City Planner. All contact with the City Planner regarding the petition, including notice, shall be with this contact person.

The appeal request and appropriate fee of \$369 must be submitted to the Community Development Department between 8:00 a.m., and 5:00 p.m., Monday through Friday, at the address listed below:

Appeal to the City of Camas SEPA Official Community Development Department 616 NE Fourth Avenue Camas, Washington 98607

Responsible Official:

Robert Maul (360) 817-1568

Robert Maul, Planning Manager and Date of publication
Responsible Official



## **Camp Lacamas STEP Sewer Project**

## **City Project WS-681E**

## **SEPA Checklist**

## **Submitted By:**

City of Camas
Public Works Department
616 NE 4th Avenue
Camas, Washington 98607

December 19, 2017

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## A. Background [help]

## 1. Name of proposed project, if applicable: [help]

Camp Lacamas STEP Sewer Project

## 2. Name of applicant: [help]

City of Camas, Washington

## 3. Address and phone number of applicant and contact person: [help]

James Hodges
City of Camas
616 NE 4th Avenue
Camas, Washington 98607
(360) 817-1561

#### Name of person(s) completing form:

Laura Haunreiter, Ivy Watson, and Kent E. Snyder, PhD - Harper Houf Peterson Righellis Inc.

## 4. Date checklist prepared: [help]

December 19, 2017

#### 5. Agency requesting checklist: [help]

Public Works Department, City of Camas, Washington

## 6. Proposed timing or schedule (including phasing, if applicable): [help]

Construction is proposed for either spring or fall 2018 and is anticipated to take approximately 6 weeks. The construction schedule will be planned to avoid the summer camp season. Construction sequencing would begin with installing erosion control elements. The STEP system would then be installed through open-cut construction and trenchless boring construction.

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

No further additions or activities are planned for this project at this time.

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

Dubois, Sarah L., Eva L. Hulse, and Jo Reese. 2017. Archaeological Survey for the Proposed Camp Lacamas STEP Sewer Project, Camas, Washington. Archaeological Investigations Northwest, Inc. Report No. 3958. Prepared for City of Camas. Camas, Washington.

Harper Houf Peterson Righellis Inc. 2017. Wetland Report. Camp Lacamas STEP Sewer Project. Prepared for City of Camas, Washington. December 19, 2017.

Harper Houf Peterson Righellis Inc. 2017. Camp Lacamas STEP Sewer Project City Project: WS-681E. Application for Shoreline Conditional Use Permit. Concurrent.

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. [help]

None to our knowledge.

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

- City of Camas Shoreline Conditional Use Permit
- Critical Areas Permit
- Archeological Review
- Building Permit and Plan Review
- WA L&I Electrical Permit
- 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.) [help]

The City of Camas (City) plans to install a STEP (Septic Tank Effluent Pumping) system to serve Camp Lacamas at 2025 NE Goodwin Road (parcel number 172543000), replacing the existing on-site septic system. This new system will connect to the existing public sewer via an existing stub that lies at the eastern edge of NE Goodwin Road. A new line will be extended from the existing stub to the parcel, by boring under the ditch along the roadway. The proposed STEP system consists of approximately 900 feet of sewer line and four underground septic tanks (three new STEP tanks and one existing septic tank to be modified), hereafter referred to as STEP tanks, to service two residences, the kitchen/dining hall, and two restrooms. Electric pumps are integrated into each STEP tank. One small electrical service panel (to provide power for the system) will be installed aboveground. Three existing septic tanks will be decommissioned in-place (pumped out and filled with sand).

Excavations will be either in the existing roadway or adjacent lawn. No new impervious surface will be created.

Camp Lacamas is 9.63 acres, and is used seasonally as a retreat and conference center. There are two single family residences on the subject parcel, which are occupied year-round.

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. [help]

The project site address for Camp Lacamas is 2025 NE Goodwin Road, Camas, Washington (parcel number 172543000). (SE ¼ of Section 20 of Township 2 North, Range 3 East, Willamette Meridian). Vicinity map attached (Figure 1).

## B. ENVIRONMENTAL ELEMENTS [help]

- Earth [help]

  a. General description of the site: [help]
  (circle one): Flat, rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_\_\_
- b. What is the steepest slope on the site (approximate percent slope)? [help]

The majority of topography in the project site is flat to gently sloping.

The steepest slope in the vicinity of the project site (25%) is near the north restroom at the northeast edge of the project site.

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. [help]

The Clark County soil survey (USDA NRCS 2017) identifies one map unit on the project site: Lauren gravelly loam, 0-8% slopes (LgB). The Lauren series is deep, well-drained soils formed in old alluvium, loess, and volcanic ash on terraces and terrace escarpments.

Lauren gravelly loam (LgB) map units are classified as prime farmland. The parcel is neither in agricultural production nor abutting land in agricultural production. The potential for this small parcel being placed into agricultural production in the future is very low because of its small size, its isolation relative to other agricultural land, and current site development. Thus no agricultural land of long-term significance would be removed as a result of this project.

USDA Natural Resources Conservation Service (NRCS). 2017. URL: http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx Accessed August 1, 2017.

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

There are no indications or history of unstable soils on site or in the immediate vicinity. Clark County GIS (2017) does not identify the project site or immediate vicinity as a severe erosion hazard or landslide hazard area.

Clark County GIS. 2017. Clark County GIS MapsOnline. Available online at http://gis.clark.wa.gov/mapsonline. Accessed November 9, 2017.

## 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. [help]

A new sanitary sewer line will be extended from the existing stub to the parcel, by boring under the ditch along the roadway. The designed layout on the parcel consists of approximately 900 feet of sewer line, with a maximum trench width of 18-inches. In addition, three STEP tanks will be installed within excavation pits 18-feet long, 9-feet wide and 9-feet deep. It is anticipated that excavations will be either in the existing roadway or adjacent lawn. Native material will serve as backfill within the trench excavations, with sand likely used as pipe bedding material.

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

The potential for localized erosion of areas being temporarily disturbed is slight across the project site, given the flat to gently sloping topography. The chance of erosion would be greatest during a period of extended or intensive rainfall.

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

Presently, 21 percent of the project site is covered in impervious surfaces. No new impervious surface will be created as part of this project.

# h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: <a href="mailto:linearth;">[help]</a>

Proposed measures to reduce and control erosion, or other impacts to the earth, would be outlined in the completed temporary erosion control (TESC) plan. The TESC would include Best Management Practices (BMPs) that would be employed throughout the project to minimize impacts.

BMPs that would be employed throughout the project to minimize impacts include the following:

- Preserving Natural Vegetation (BMP C101)
- Construction Road/Parking Area Stabilization (BMP C107)
- Temporary and Permanent Seeding (BMP C120)
- Mulching (BMP C121)
- Dust Control (BMP C140)
- Certified Erosion and Sediment Control Lead (BMP C160)
- Scheduling (BMP C162)
- Silt Fence (BMP C233)
- Straw Wattles (BMP C235)

#### Minimization measures include:

- Minimizing the area of vegetation disturbance
- Utilizing areas of previous disturbance to the maximum extent practicable
- Minimize work in wetland buffer
- Avoid work in wetland

#### 2. Air [help]

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. [help]

The only emissions would be from the equipment used during construction. The equipment to be used could include:

- Excavator
- Pickup truck
- Semi truck (deliveries)
- Dump truck
- Front end loader
- Back hoe
- · Compactor (ground)
- Concrete saw
- Paver

Post-construction emissions would come from personal vehicles traveling to and from the camp.

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

No off-site sources of emission or odor would affect the proposal.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: <a href="mailto:fhelp">[help]</a>

This project would comply with all federal, state, and local pollution control standards. Because no long-term adverse air quality effects are expected from the project, no long-term mitigation measures would be required. For short-term construction impacts, contractors are required to take reasonable precautions to avoid dust emissions, along with other construction-related air quality mitigation measures, to reduce the potential for air quality impacts during construction.

- 3. Water [help]
- 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. [help]

Lacamas Creek, a perennial stream, is approximately 160 feet north of the project site. This stream flows southeast, entering Lacamas Lake approximately 1 mile downstream of the project site (lake level rises and falls based on seasonal drawdown). The project site is within Water Resource Inventory Area (WRIA) 28 and the 6th field Hydrologic Unit Code (HUC) Lower Columbia/Sandy 170800010606.

A very small (0.026 acre or 1,112 square feet) palustrine scrub-shrub/emergent (PSS/PEM) depressional wetland with a forested fringe (Wetland K-1) is present on the northeast portion of the project site, approximately 40 feet northeast of the project alignment, at the closest point. This wetland is located in a depression at the toe of a

steep slope (30 to 35%) that separates the developed camp area on the upper terrace from the forested and relatively undisturbed lower terrace along Lacamas Creek. This wetland could be occupying the bottom of an old, abandoned gravel pit, but that is uncertain.

Harper Houf Peterson Righellis Inc. 2017. Wetland Report. Camp Lacamas Step Sewer Project. Prepared for City of Camas, Washington. December 19, 2017.

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. [help]

At the nearest point, the sewer alignment is approximately 160 feet from the ordinary high water mark (OHWM) of Lacamas Creek. The entire project is within the 100-year floodplain of Lacamas Creek (FEMA 2012).

Wetland K-1 is approximately 40 feet northeast of the project alignment, at the closest point. No work is proposed within Wetland K-1, but temporary construction activities (including trenching) will occur within the wetland buffer.

The project will not impact the ditch identified on the parcel along NE Goodwin Road, but will instead bore underneath it and utilize relevant construction Best Management Practices (silt fencing, equipment storage, etc.).

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. [help]

No fill is proposed below the OHWM of waters or within wetland boundaries.

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

No surface water withdrawal or diversions would occur.

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

The entire project is within the 100-year floodplain of Lacamas Creek (FEMA 2012).

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. [help]

No. The project would not discharge waste materials to surface waters.

### 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. [help]

No groundwater withdrawals or discharges to groundwater would occur as a result of this project.

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. [help]

No waste material would be discharged into the ground from septic tanks or other sources. Unlike the existing septic system, the new STEP system installation will collect and transport all sewage from Camp Lacamas to the City wastewater treatment plant. The existing septic tanks are to be decommissioned in place (per Clark County Public Health regulations, Clark County Code 24.17.210) after all of the septic tank contents are pumped and disposed of properly, and the tanks filled with sand. All infiltration of sewage into the underlying soil of the Camp Lacamas Property will cease upon connection of the new system to the existing residences.

- 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. [help]

No new impervious surface would be created as part of this project.

 Could waste materials enter ground or surface waters? If so, generally describe. [help]

Waste materials associated with the use, storage, and maintenance of construction equipment (e.g., leaks or spills of fuel, hydraulic fluids, lubricants, and other chemicals from storage containers or machinery), as well as equipment wash water, could enter groundwater through infiltration or surface waters through the stormwater system. However, BMPs would be used to prevent and minimize such releases.

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

No. Drainage patterns would not be altered.

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

A Temporary Erosion and Sediment Control Plan (TESC), and BMPS would be implemented to control runoff during construction. A Spill Prevention, Control, and Countermeasure (SPCC) Plan would be implemented to prevent and control discharges during construction. BMPs that would be employed throughout the project to minimize impacts include the following:

- Preserving Natural Vegetation (BMP C101)
- Construction Road/Parking Area Stabilization (BMP C107)
- Temporary and Permanent Seeding (BMP C120)
- Mulching (BMP C121)
- Dust Control (BMP C140)
- Certified Erosion and Sediment Control Lead (BMP C160)
- Scheduling (BMP C162)
- Silt Fence (BMP C233)
- Straw Wattles (BMP C235)

Minimization measures include:

- · Minimizing the area of vegetation disturbance
- · Utilizing areas of previous disturbance to the maximum extent practicable
- Avoid work in wetlands and wetland buffers

### 4. Plants [help]

## a. Check the types of vegetation found on the site: [help]

_X	_deciduous tree: alder, maple, aspen, other (street trees-ornamental species)		
_X	_evergreen tree: fir, cedar, pine, other		
_X	_shrubs		
_X	_grass		
	_pasture		
	_crop or grain		
	_orchards, vineyards or other permanent crops.		
	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? [help]

Installation of the STEP system would temporarily impact approximately 8,000 square feet of non-native, herbaceous upland vegetation located in lawns and around buildings. This area would be revegetated with a native grass seed mix.

### c. List threatened and endangered species known to be on or near the site. [help]

No threatened or endangered plant species or associated habitats are known to occur on or near the project site and none were observed during site visits.

An Endangered Species Act (ESA) list of species potentially affected by activities at the project site, obtained from the USFWS IPaC service (2017), included two federally-listed plant species: golden paintbrush (*Castilleja levisecta*, federally-listed Threatened, state-listed Endangered) and Bradshaw's lomatium (*Lomatium bradshawii*, federally- and state-listed Endangered).

The possible presence of threatened and endangered plant species in the project site was evaluated through Washington Department of Natural Resources (WDNR) Natural Heritage Program (WNHP) spatial data (2017) and site visits (June 20, June 26, and July 28, 2017). WNHP rare plant spatial data indicates the presence of two additional state-listed species in the project vicinity: Oregon coyote-thistle (*Eryngium petiolatum*, Threatened) and Hall's aster (*Symphyotrichum hallii*, Threatened). WNHP data also shows that, although the project site is part of the historic range of golden paintbrush (last known observation 1889), there are no current populations mapped in the area. No evidence of any threatened or endangered plant species was observed during site visits.

Site visits established that none of the necessary habitats for Bradshaw's lomatium, golden paintbrush, Oregon coyote-thistle, or Hall's aster occur in the project site. Bradshaw's lomatium occurs in grasslands and wet prairies. Golden paintbrush inhabits flat grasslands, mounded prairies, and steep, grassy bluffs typically in sandy, well-drained soils of glacial origin. Hall's aster inhabits moist to dry prairies and open places. Oregon coyote-thistle inhabits wetlands in prairies and open spaces. None of these habitats are present. The grassy areas in the project site are disturbed lawns composed of non-native species. The small wetland adjacent to the project site is enclosed on all sides by riparian forest.

US Fish and Wildlife Service (USFWS). 2017. Information for Planning and Consultation (IPaC).https://ecos.fws.gov/ipac/Accessed November 22, 2017.

Washington Department of Natural Resources (WDNR). 2017. Washington Natural Heritage Program (WNHP). WNHP Current and Historic Element Occurrences. GIS Data Set. Updated February 2017.

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

Areas of disturbance not covered in impervious surfaces would be revegetated with native grass seed mix. No permanent impacts are proposed.

e. List all noxious weeds and invasive species known to be on or near the site. [help]

No noxious weeds listed as Class A in the Clark County Weed List (2016) were observed on the project site. Shiny geranium (*Geranium lucidum*), a Class B weed, occurs along NE Goodwin Road adjacent to the project site. Several Class C weeds—reed canarygrass (*Phalaris arundinacea*), Himalayan blackberry (*Rubus armeniacus*), and English ivy (*Hedera helix*)—occur throughout or abut the project site.

Clark County. 2016. 2016 Clark County Noxious Weed List. URL: https://www.clark.wa.gov/sites/all/files/environmental-services/weed/2016WeedList.pdf.

- 5. Animals [help]
- a. <u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site. [help]

Examples include:

birds: hawk, heron, eagle, songbirds, other: crows

mammals: deer, bear, elk, beaver, other: rabbits, raccoon, opossums

fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

Wildlife that could be near the project site include those typically habituated to human presence, such as small mammals (e.g., raccoons, opossums, rabbits, squirrels, shrews, mice), snakes, deer and passerine birds. Other bird species such as crows and raptors could use the project site for foraging or perching.

The forest along Lacamas Creek is mapped as wood duck breeding habitat. This species is typically sensitive to disturbance and would not be expected to utilize the developed camp area. The only area identified during site visits as potential wood duck breeding habitat is the oak stand on the lower terrace next to the creek.

## b. List any threatened and endangered species known to be on or near the site. [help]

No threatened or endangered wildlife species, associated Critical Habitat, or Essential Fish Habitat occur on or near the project site or in Lacamas Creek upstream of Lacamas Lake Dam, a total passage barrier approximately 4 miles downstream of the project site (WDFW 2017, NOAA 2016, USFWS 2017).

An ESA list of species potentially affected by activities at the project site, obtained from the USFWS IPaC service (2017), indicates the potential presence of three TES species: Oregon spotted frog (*Rana pretiosa*, federally-listed Threatened, state-listed Endangered), streaked horned lark (*Eremophila alpestris strigata*, federally-listed Threatened, state-listed Endangered), and yellow-billed cuckoo (*Coccyzus americanus*, federally-listed Threatened, state-listed Species of Concern).

The possible presence of threatened or endangered wildlife species in the project site was evaluated through site visits and review of WDFW PHS data (WDFW 2017). PHS does not show any record of these species in or near the project site and none were observed during site visits.

Site visits also established that none of the necessary habitat for these species occur at the project site or in abutting areas. Oregon spotted frog habitat is large complexes of meadow and wetland with pools, a continuum of vegetation densities, and an absence of non-native predators (USFWS 2016). No Critical Habitat was identified in

Clark County for this species. Streaked horned larks nest and winter in flat, open areas with sparse low-stature vegetation and substantial areas of bare ground. Western yellow-billed cuckoos require large (typically larger than 40 hectares and wider than 100 meters) patches of cottonwood and willow dominated riparian habitat for nesting (Wiles and Kalasz 2017). None of these habitats are present.

NOAA National Marine Fisheries Service. 2016. Status of ESA Listings & Critical Habitat Designations for West Coast Salmon & Steelhead (July 2016).

http://www.westcoast.fisheries.noaa.gov/publications/gis\_maps/maps/salmon\_steelhead/critical\_habitat/wcr\_salmonid\_ch\_esa\_july2016.pdf.

US Fish and Wildlife Service (USFWS). 2017. Information for Planning and Consultation (IPaC).https://ecos.fws.gov/ipac/Accessed November 22, 2017.

US Fish and Wildlife Service (USFWS). 2016. Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Oregon Spotted Frog. Federal Register 81: 29335 – 29396. May 11, 2016.

Washington Department of Fish and Wildlife (WDFW). 2017. Priority Habitat and Species (PHS) on the Web. Olympia, Washington. URL: http://wdfw.wa.gov/mapping/phs/disclaimer.html. Accessed November 9, 2017.

Wiles, G. J., and K. S. Kalasz. 2017. Draft Status Report for the Yellow-billed Cuckoo in Washington. WDFW, Olympia, Washington. URL: http://wdfw.wa.gov/publications/01881/.

### c. Is the site part of a migration route? If so, explain. [help]

The project site lies within the Pacific Flyway, which hosts migrating bird species.

### d. Proposed measures to preserve or enhance wildlife, if any: [help]

Wetland K-1 would be avoided. No Oregon white oaks (*Quercus garryana*), or other mature trees, would be removed. Any potential impacts due to construction activities will be temporary. The project would provide a net benefit to water quality in Lacamas Creek by replacing on-site septic systems with city sewer service.

BMPs that would be employed throughout the project to minimize impacts include the following:

- Preserving Natural Vegetation (BMP C101)
- Construction Road/Parking Area Stabilization (BMP C107)
- Temporary and Permanent Seeding (BMP C120)
- Mulching (BMP C121)
- Dust Control (BMP C140)
- Certified Erosion and Sediment Control Lead (BMP C160)
- Scheduling (BMP C162)
- Silt Fence (BMP C233)
- Straw Wattles (BMP C235)

#### Minimization measures include:

- Minimizing the area of vegetation disturbance
- Utilizing areas of previous disturbance to the maximum extent practicable
- Avoid work in wetlands and wetland buffers

### e. List any invasive animal species known to be on or near the site. [help]

No animal species on the priority species list of the Washington Invasive Species Council were observed at or near the project site.

Washington State Recreation and Conservation Office. Washington Invasive Species Council Priority List. URL: <a href="http://www.invasivespecies.wa.gov/priorities.shtml">http://www.invasivespecies.wa.gov/priorities.shtml</a>. Accessed November 15, 2017.

- 6. Energy and Natural Resources [help]
- 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. [help]

Electric energy will be used to power the pumps within the STEP sewer system. The STEP sewer system is water-tight, and all electrical components are NEMA 4 (for wet and submerged conditions). All electrical "J" Boxes are NEMA 4 and are also water-tight. All wire will be fully enclosed in water-tight conduit that will be buried in the same trench as the discharge piping from the STEP tanks.

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

No effects. All completed work would be below grade and would not block solar access for adjacent properties.

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: [help]

Construction would use conventional means, methods, and equipment (e.g., gasoline and diesel powered) to construct the project elements. Due to the scale of the various project elements, cost-effective, extraordinary energy-saving measures are limited. However, ordinary measures, such as not leaving equipment idling for extensive periods, would be specified and/or implemented as practical.

- 7. Environmental Health [help]
- 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. [help]

Potential environmental health hazards could include breathing, ingesting, or absorbing through the skin hazardous materials associated with fluids, fuels, and lubricants used in the operation of construction equipment. There is also a risk of accidental spills and leaks of these same fluids during construction and staging.

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

There is no known or possible contamination at the project site from past or present uses, per the State of Washington Department of Ecology (2017).

Washington Department of Ecology. 2017. Toxics Cleanup Program. What's In My Neighborhood interactive web map. <a href="https://fortress.wa.gov/ecy/neighborhood/">https://fortress.wa.gov/ecy/neighborhood/</a> Accessed November 14, 2017.

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. [help]

There are no existing hazardous chemicals/conditions that might affect the proposed project.

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. [help]

There would be no toxic or hazardous chemicals (other than those associated with operation of construction equipment, see 7.a), stored, used or produced during the project's development or construction.

4) Describe special emergency services that might be required. [help]

No special emergency services are anticipated.

5) Proposed measures to reduce or control environmental health hazards, if any: [help]

Any potential impacts from hazardous materials would be addressed through standard minimization measures and BMPs such as:

- All equipment to be used for construction activities would be cleaned and inspected prior to arriving at the
  project site, to ensure no potentially hazardous materials are exposed, no leaks are present, and the
  equipment is functioning properly.
- Construction equipment would be inspected daily to ensure there are no leaks of hydraulic fluids, fuel, lubricants, or other petroleum products.
- Should a leak be detected on heavy equipment used for the project, the equipment would be immediately removed from the area and not used again until adequately repaired.
- Management of contaminated media will be in accordance with applicable environmental regulations.
- The City will comply with current local, state, and federal regulations for worker safety.
- The City will require the contractor to implement a Spill Prevention, Control, and Countermeasure (SPCC)
   Plan to minimize or avoid the effects hazardous materials would have on surface water and soils.

#### b. Noise [help]

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

The dominant noise source within the project site is vehicles along NE Goodwin Road. Such traffic is not anticipated to have adverse impact on the project.

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. [help]

During construction, short-duration increases in the local noise environment are expected. The contractors are required to comply with all applicable regulations governing equipment levels and noise resulting from

construction site activities. The City noise ordinance (City of Camas Municipal Code 9.32.050) permits unrestricted construction noise between 7 a.m. and 7 p.m. Monday through Friday and from 7 a.m. to 5 p.m. on Saturdays. Therefore, as long as all construction is performed during these daytime hours, no direct construction related impacts are predicted. The Washington Administrative Code (Chapter 173-60) exempts most project construction noise during normal daytime hours (7 a.m. to 10 p.m.). If construction is performed during nighttime, the contractors must meet special noise-level requirements.

No long-term noise impacts are anticipated.

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

By complying with the City noise ordinance, no additional BMPs or mitigation measures are needed to control noise impacts.

- 8. Land and Shoreline Use [help]
- 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. [help]

Camp Lacamas is used seasonally as a retreat and conference center. The parcel is zoned Light Industrial/Business Park (Clark County GIS 2017). Surrounding parcels are a mixture of parks, open space, and agriculture.

The project would not affect current land uses of 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? [help]

The project site is not currently used as agricultural or forest land. No agricultural or forest land of long-term commercial significance would be converted to other uses by the proposal. No designated resource lands would be converted.

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: <a href="[help]">[help]</a>

No. There is no working farm or forest land abutting the project site, or close enough to affect or be affected by the proposal. The project would only support an existing use, not introduce a new one.

c. Describe any structures on the site. [help]

Camp Lacamas is used seasonally as a retreat and conference center. The project site is comprised of two single-family residences (occupied year-round), a gymnasium, a kitchen/dining hall, restrooms, and over a dozen dry cabins.

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

No structures would be demolished.

### e. What is the current zoning classification of the site? [help]

The property is zoned Light Industrial/Business Park (LI/BP).

Clark County GIS. 2017. Clark County GIS MapsOnline. Available online at <a href="http://gis.clark.wa.gov/mapsonline">http://gis.clark.wa.gov/mapsonline</a>. Accessed November 9, 2017.

### f. What is the current comprehensive plan designation of the site? [help]

The comprehensive plan designation for the project site is Industrial (IND).

Clark County GIS. 2017. Clark County GIS MapsOnline. Available online at <a href="http://gis.clark.wa.gov/mapsonline">http://gis.clark.wa.gov/mapsonline</a>. Accessed November 9, 2017.

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

The shoreline designation for the parcel is Urban Conservancy (2015 Camas Shoreline Master Program).

Table 6-1 of the Camas Shoreline Master Program indicates that underground utilities within Urban Conservancy shorelines are a Conditional Use. Underground utilities parallel to the shoreline have a 100 foot setback from the OHWM. This project is setback approximately 160 feet from the OHWM at the nearest point.

City of Camas. 2015. Camas Shoreline Master Program. URL: http://www.ci.camas.wa.us/images/DOCS/PLANNING/REPORTS/shorelinemasterplancurrent.pdf.

## h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help]

The project site contains the following critical areas:

- Frequently Flooded Areas. The parcel and project site is within the 100-year floodplain of Lacamas Creek (per FEMA FIRM Map 53011C0414D Effective September 5, 2012) (Figure 2).
- Critical Aquifer Recharge Areas (CARAs). The project site lies within the 10-year wellhead protection area
  of a public well (Clark County GIS 2017) (Figure 3). The underlying Troutdale aquifer system is
  designated by the US Environmental Protection Agency (EPA) as a Sole Source Aquifer. This project is
  exempt because there is no new impervious surface and no change in use.
- Wetland. A very small part of the project (128 feet of pipe and one new underground tank) is within the buffer of Wetland K-1, a 0.026 acre Category II wetland, north of the project site. (Figure 4).
- Priority Habitats/Habitats of Local Importance. There are Oregon white oak stands outside the project area. The area lies within a wood duck breeding area (WDFW, 2017) (Figure 5).

Clark County GIS. 2017. Clark County GIS MapsOnline. Available online at http://gis.clark.wa.gov/mapsonline. Accessed November 15, 2017.

Washington Department of Fish and Wildlife (WDFW). 2017. Priority Habitat and Species (PHS) on the Web. Olympia, Washington. URL: http://wdfw.wa.gov/mapping/phs/disclaimer.html. Accessed October 12, 2017.

### i. Approximately how many people would reside or work in the completed project? [help]

Camp Lacamas is used seasonally as a retreat and conference center. There are two single family residences on the parcel, which are occupied year-round. Any project impacts to the existing residents will be temporary during construction.

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

None.

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

Not applicable. No people would be displaced by this project.

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

The project site is within the City, zoned Light Industrial/Business Park. This proposal supports an existing use.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [help]

No impacts are anticipated (see section 8.b. for land use description.)

- 9. Housing [help]
- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. <a href="mailto:fhelp">[help]</a>

No housing units would be provided.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. <a href="[help]">[help]</a>

No housing units would be eliminated as a result of this project.

c. Proposed measures to reduce or control housing impacts, if any: [help]

Not applicable (no impacts).

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

The tallest structure proposed is a small electrical service panel, less than 6 feet tall, on a 4 feet x 4 feet piece of plywood that is supported by two 4 inch x 4 inch wooden posts.

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

No views in the vicinity of the project will be altered or obstructed. The project will result in underground facilities.

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

No aesthetic improvement measures are proposed, as the project will be entirely below grade.

### 11. Light and Glare [help]

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

During construction activities, typical temporary light, glare, and other visual impacts would result from construction equipment, traffic signage, stockpiled materials, and accessories (such as worker's vehicles). Greatest visual impacts would occur during the typical work hours of 7 a.m. to 7 p.m. Monday through Friday and from 7 a.m. to 5 p.m. on Saturdays. There would also be the typical visual impacts from traffic signage and barricades left on project site during the evening hours for safety.

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

No additional lighting is proposed as part of this project.

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

The surrounding property is undeveloped rural, open space, and habitat areas. No off-site sources of light will affect the proposal.

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

No additional lighting is proposed as part of this project.

- 12. Recreation [help]
- a. What designated and informal recreational opportunities are in the immediate vicinity? [help]

The project is just north of Heritage Trail. Recreational activities in the vicinity of the project include walking, running, bike riding, and wildlife viewing.

City of Camas. 2007. Park, Recreation and Open Space Comprehensive Plan. http://www.ci.camas.wa.us/parks/index.htm.

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

No. Existing recreational use will not be affected by this project. Construction of the project is planned to occur during the off-season of the camp. NE Goodwin Road will remain open to traffic.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: <a href="[help]">[help]</a>

There will be no impacts to recreational use. NE Goodwin Road will remain open to traffic.

- 13. Historic and cultural preservation [help]
- 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. [help]

Several buildings associated with the camp were constructed more than 45 years ago; none have been evaluated for their eligibility for listing in the National Register of Historic Places. These buildings are outside of the proposed project impact area.

One nearby archaeological site was previously identified within a portion of the project area. The site has not been evaluated for eligibility for its listing in the National Register of Historic Places. Contact the applicant for more information.

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. [help]

An archaeological survey was conducted for the project by Archaeological Investigations Northwest, Inc. (AINW), in 2017. In 1998, AINW conducted a pedestrian survey that included the area of the proposed project, for a planning study. A pre-contact archaeological site was identified during the 1998 pedestrian survey. During the 2017 fieldwork, this nearby site was found to be larger than originally documented. An updated resource form was filed in 2017.

Professional studies conducted:

Dubois, Sarah L., Eva L. Hulse, and Jo Reese. 2017. *Archaeological Survey for the Proposed Camp Lacamas STEP Sewer Project, Camas, Washington*. Archaeological Investigations Northwest, Inc. Report No. 3958. Prepared for City of Camas, Camas, Washington.

Reese, Jo. 1998. Cultural Resources Study of the North Dwyer Creek Master Plan Study Area. Archaeological Investigations Northwest, Inc. Report No. 156. Submitted to David Evans and Associates, Inc., Portland, and City of Camas, Washington.

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. [help]

AINW reviewed records held by the Washington Department of Archaeology and Historic Preservation (DAHP), AINW's library, the Clark County GIS, and other sources. AINW archaeologists conducted a pedestrian survey and shovel testing of the project area. Archaeological site 45CL492, a pre-contact lithic scatter, was identified in a portion of the project area. The archaeological survey report will be submitted to DAHP and Tribes.

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. [help]

The project has been redesigned to avoid portions of the pre-contact site referenced above, and to minimize impacts. In areas where the site cannot be avoided, controlled archaeological excavations and archaeological monitoring under a DAHP Archaeological Site Alteration and Excavation Permit may be needed.

- 14. Transportation [help]
- 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. [help]

The project site is accessed from NE Goodwin Road.

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? [help]

No. C-Tran Route #35 is located approximately two miles south of the project site.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]

No parking spaces will be added or eliminated as part of this project.

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). [help]

No transportation improvements will be required.

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

No. The project will not use water, rail or air transportation.

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? [help]

No additional vehicular trips will be generated by this project.

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. [help]

No. The project will not affect or be affected by the movement of agricultural and forest products.

h. Proposed measures to reduce or control transportation impacts, if any: [help]

None deemed necessary.

- 15. Public Services [help]
- 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. [help]

No. The project does not create demand for these services.

 Proposed measures to reduce or control direct impacts on public services, if any. [help]

Not applicable.

- 16. Utilities [help]
- a. Circle utilities currently available at the site: [help]
   electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
   other:
- 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. [help]

This project will install a new STEP system to serve Camp Lacamas, replacing the existing on-site septic system. This new system will connect to the existing public sewer via an existing stub that lies at the eastern edge of NE Goodwin Road. The proposed STEP system will collect and transport all sewage from Camp Lacamas to the City wastewater treatment plant. The existing septic tanks are to be decommissioned in place (per Clark County health code) by pumping out the septic tank contents (and disposing properly) and filling the tanks with sand. All infiltration of sewage into the underlying soil of the Camp Lacamas Property will cease immediately upon connection of the new system to the existing facilities.

A new sewer line will be extended from the existing stub to the parcel, by boring under the ditch along the Goodwin Road. The preliminary layout on the parcel consists of approximately 900 feet of sewer line and three underground tanks to service two single-family residences, the kitchen/dining hall, and two restrooms. It is anticipated that excavations will be either in the existing roadway or adjacent lawn. The proposed sewer line is 3-inches in diameter, with a maximum trench excavation width of 18-inches. The excavations for the 1,500-gallon storage tanks will be 18-feet long by 9-feet wide by 9-feet deep.

The only above ground components will be the fiberglass STEP tank lids. Each of the three new STEP Tanks will have a 24 inch and a 30 inch green fiberglass lid that will be raised slightly (1-2 inches) above the surrounding ground elevation. Electric pumps are integrated within the underground tanks.

## C. Signature [help]

	are true and complete to the best of my knowledge. I understand the on them to make its decision.	at the
icad agency is rely	ig on them to make its decision.	
Signature:	Kentt. Imple	
Name of signee:	Kent E. Snyder	
Position and Agend	y/Organization: Harper Houf Peterson Righellis Inc.	
Date Submitted:	ec. 19.2017	

