SEPA ENVIRONMENTAL CHECKLIST
UPDATED 2014

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:

   Decommission of Columbia Generating Station (CGS) Storm Drain Pond.

2. Name of applicant:

Energy Northwest

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

Contact: Shannon Khounnala, Phone: 509-377-8639
Mail Address: P.O. Box 968, PE-03, Richland, WA 99352-0968
Physical Address: 76 North Power Plant Loop, Richland, WA 99354

4. Date checklist prepared: *1/29/2015*

Amended to address agency comments: 9/23/2015

5. Agency requesting checklist: *Energy Facilities Site Evaluation Council (EFSEC)*

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

Decommissioning of Outfall 002 is scheduled to begin in late 2015. Construction will not be phased.

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

There are no plans for future additions or expansions related to this proposal.

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

Ikenberry T.A., and S.L. Bump, "Evaluation of Decommissioning Options for the Storm Drain Pond, Columbia Generation Station" Dade Moeller, Richland, WA, March 2014.

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 pending applications for other proposals that will affect this project.

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

Radiological Air Emission License

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.)

Energy Northwest has discontinued the use of the previously permitted National Pollutant Discharge Elimination System (NPDES) Outfall 002 and proposes to decommission the storm drain pond (SDP) and the associated channel in late 2015. Stormwater and wastewater discharge have been diverted to the newly constructed, lined evaporation ponds in November 2014 and the existing SDP and channel will be decommissioned. Emergent vegetation located in the SDP and channel will be compressed by heavy machinery and left in place. The SDP and channel will be filled to grade or above with clean fill located onsite. ~~The newly placed fill will be re-vegetated with grass or native vegetation to prevent erosion.~~

Amended: Approximately 3 feet of fill will be placed within the channel to bring it up to grade.

The project site is located northeast of CGS next to the newly constructed evaporation ponds. The project site is enclosed by a chain link fence and the overall project area is estimated at 0.56 acres. The length of the channel is approximately 320 feet long and the SDP extends approximately 80 feet beyond the end of the channel. The channel at its widest point is 45 feet and the SDP at its widest point is 110 feet which includes the riparian zones. The overall length of the channel and SDP is approximately 400 feet.

Amended: The site will be covered with 3 inches of 1 1/4" minus crushed rock.

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.

CGS is located in Benton County, Washington, 12 miles northwest of Richland, Washington. The CGS site is located in Section 5 of Township 11 north, Range 28 east, Willamette Meridian, on land leased from the DOE within the Hanford Site. See Figure 1- Site Vicinity, Figure 2- Project Area Map, Figure 3- Site Area, and Figure 4-Aerial Photograph of Project Site.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

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

The steepest slope on the site is approximently 4%.

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.

In a comprehensive soil survey of the entire Hanford Site, completed in 1966, Rupert sand (also known as Quincy sand) was identified throughout most of the Energy Northwest leased area.

Rupert sand represents one of the most extensive soils on the Hanford site. The surface is a brown to grayish brown coarse sand, which grades to a dark grayish brown sand at about 36 in. Rupert soils developed under grass, sagebrush, and hop sage in coarse sandy alluvial deposits that were mantled by wind-blown sand and formed hummocky terraces and dune-like ridges.

Much of the selected project site location also contains a mix of non-native fill material, including sand, gravel, rock that was disturbed or placed on the selected project area during original CGS construction or during operation of the plant since start-up occurred. The project site is located inside an industrial zoned area and hasn't been used for agriculture. No soil will be removed from project site.

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

No indication of unstable soil in the immediate vicinity of CGS.

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.

Approximately 2,222 yards of fill soil will be used to decommission the STP and bring the project site up to grade with existing elevation. Fill will be supplied from onsite existing stock piles that remained following construction of the adjacent evaporation ponds.
Amended: Approximately 3 feet of fill will be placed within the channel to bring it up to grade.

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

Incidental erosion may occur from removing of vegetation and grading by exposing soils during construction. However, the short duration of the construction activities and the limited rainfall in the region will minimize potential erosion. Following project completion, the site will be covered with ~~native grasses~~ that will minimize any long term potential erosion.

Amended: The site will be covered with 3 inches of 1 1/4" minus crushed rock.

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

The site will have no impervious surface once project is complete.

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

Temporary erosion control measures, such as ground watering, will be used during construction but minor erosion is possible. Following project completion, exposed soils will be ~~planted with native grass to reduce erosion~~. Staging and refueling of machines will be conducted out of the work area to minimize the potential of a fuel spill .
Amended: The site will be covered with 3 inches of 1 1/4" minus crushed rock.

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.

Vehicle exhaust and dust from construction is expected. No long-term change in emissions is expected from the completed project.

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:

Dust suppression and emission control converters on vehicles are used to help reduce the impacts to air quality.

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. The nearest water body, the Columbia River, is more than three miles from the project site. There are no other natural water bodies or wetlands within the vicinity of the project.

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

No.

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.

Approximately 2,222 yards of fill soil will be used to decommission Outfall 002 and bring the channel and SDP up to grade. No soil will be removed from site. Fill will be supplied from onsite stock piles remaining from the construction of the evaporation ponds.
Amended: Approximately 3 feet of fill will be placed within the channel to bring it up to grade.

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. the cessation of wastewater discharges to Outfall 002 and decommissioning of the SDP and channel will provide for the protection of ground waters and comply with Chapter 173-200-WAC, Washington's Ground Water Quality Standards.

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

No waste material will be discharged to the ground on completion of project. Some water will be sprayed on the ground during construction for dust control and to facilitate compaction. Water for dust control will be supplied from the evaporation ponds that have been approved for this use.

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.

On completion of the project the site will be completely pervious and covered with ~~grass~~ to prevent runoff and erosion. No method to collect and dispose of runoff will be implemented during construction due to the size of the project and local climate. Large amounts of runoff is not anticipated. Any incidental runoff will not flow into other waters, storm drains, or UIC wells.
Amended:The site will be covered with 3 inches of 1 1/4" minus crushed rock.

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

No. Project site is away from parking lots and other potential pollution sources. However, during construction it is possible for equipment to leak or spill fluids. Refilling of equipment will take place on impervious surfaces and any spills will be immediately cleaned up. A spill kit will be located on site to help clean up any spills.

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:

None.

4. **Plants**

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

_X__deciduous tree: alder, maple, aspen, other
____evergreen tree: fir, cedar, pine, other
_X__shrubs
_X__grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
_X__ 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?

The project site has several emergent plant species that will be removed such as willows (Salix ssp.), cattails (Typha ssp.), marsh grasses, and currents (Ribes ssp.). Approximately 0.56 acres of vegetation will be removed.

Amended: The majority of these plant species have died since water is no longer discharged to this outfall.

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

No federal listed threatened or endangered species are known to be on the project site. However several plant species are listed by Washington State as threatened or endangered: These plants have been observed on the greater Hanford site, but none were observed on the proposed project site during field observations.

Scientific Name	Common Name	Status
Ammannia robusta	Grand red stem	Threatened
Astragalus geyeri	Geyer's milkvetch	Threatened
Calyptridium roseum	Rosy pussypaws	Threatened
Cuscuta denticulata	Desert dodder	Threatened
Eatonella nivea	White eaton ella	Threatened
Eriogonum codium	Umtanum desert buckwheat	Endangered
Gilia leptomeria/Aliciella leptomeria	Great basin gilia	Threatened
Lesquerel latuplashensis/ Physaria douglasii ssp. tuplashensis	White bluffs bladderpod	Threatened
Lipocarpha aristulata	Awned halfchaff sedge	Threatened
Loeflingia squarrosa var. squarrosa	Loeflingia	Threatened
Rotala ramosior	Lowland toothcup	Threatened
Rorippa columbiae	Persistentsepal yellowcress	Endangered
Spiranthes diluvialis	Ute Ladies' Tresses	Endangered

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

~~*Native grasses will be hydroseeded over the disturbed site once project is completed.*~~

Amended: None. The site will be covered with 3 inches of 1 1/4" minus crushed rock.

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

Below is a list of noxious weeds that have been found around CGS.

Species	Common name

Acroptilon repens	Russian knapweed
Centaurea diffusa	Diffuse knapweed
Centaurea solstitialis	Yellow star-thistle
Centaurea stoebe	Spotted knapweed
Chondrilla juncea	Rush skeletonweed
Cirsium arvense	Canada thistle
Convolvulus arvensis	Field bindweed
Hypericum perforatum	Common St. Johnswort
Lepidium latifolium	Broadleaved pepperweed
Linaria dalmatica	Dalmatian toadflax
Myriophyllum spicatum	Eurasian watermilfoil
Phalaris arundinacea	Reed canarygrass
Tribulus terrestris	Puncturevine

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: Rabbits
fish: bass, salmon, trout, herring, shellfish, other _____

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

No federal listed threatened or endangered species have been observed on the project site. However, several Washington State threatened and endangered species have been observed in the greater Hanford area.

Scientific Name	**Common Name**	**State Status**	**Federal Status**
Birds			
Buteo regalis	Ferruginous hawk	Threatened	
Centrocercus urophasianus	Greater sage grouse	Threatened	
Grus canadensis	Sandhill crane	Endangered	
Pelecanus erythrorhynchos	American white pelican	Endangered	
Mammals			
Brachyagus idahoesis	Pygmy rabbit	Endangered	Endangered
Fish			
Oncorhynchus mykiss	Steelhead		Threatened
Oncorhynchus tshawytscha	Spring-run Chinook		Endangered
Salvelinus confluentus	Bull trout		Threatened

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

Yes. CGS is part of the Columbia River drainage, a segment of the Pacific Flyway, a migratory bird route. The greater Hanford area and the Columbia River serve as a resting area for various migratory birds, waterfowl, and shorebirds.

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

None. Amended: However, construction will not occur if birds subject to the Migratory Bird Treaty Act are observed to be present in the project area.

e. List any invasive animal species known to be on or near the site.

No invasive animal species are known to be on or near the project site.

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

None.

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

No.

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

None.

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.

Yes. The project site is located in a Radiological Controlled Area (RCA) and there is a potential for exposure for workers on the site during construction. Energy Northwest has proceduress in place to ensure a safe working environment. Workers will be properly trained before entering the site. During construction there is a small chance of exposure to chemicals from gasoline, oils, and other related materials needed for construction. Some of these

chemicals are flammable and may result in a fire, explosion, spill, or exposure to hazardous waste. Using prudent construction practices will limit the possibility of exposure or spill.

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

The project site was used for over 30 years to discharge stormwater and wastewater for CGS operations. Soil core sampling in 2011 detected low level residual radioactivity for Cobalt-60 and Cesium-137 in the upper layers of sediment and soil of the SDP. Of the 909 soil samples taken, radioactivity was only detected in 2 percent of the samples. Other residual radionuclides were detected, but all were short-lived, at lower concentration, and limited distribution in the SDP soil. Vegetation was also sampled for residualradioactivity, and none was detected. ~~Using Hanford radiological cleanup guidelines published by Washington Department of Health (WDOH), the SDP could be released for public use in its current condition under the commercial/industrial use scenario but not under rural residential scenario. Since the project site is located inside the CGS security boundary rural residential release wouldn't apply.~~

Metals were also screened and compared to Hanford area background levels. Silver and copper were detected above background levels. Both of these metals were well below Environmental Protection Agency (EPA) Regional Screening Levels (RSL) and total hazard quotient (THQ).

Amended: Discussion comparing the SDP to Hanford cleanup guidelines has been removed.

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.

There are no hazardous chemicals/conditions that will affect project development. There are no underground hazardous liquid or gas transmission pipelines in the immediate area of the project site.

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.

No toxic or hazardous chemicals will be stored, used, or produced on site once construction is finished. During construction, diesel fuel and gasoline will be used. No other chemicals will be used.

4) Describe special emergency services that might be required.

None anticipated.

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

During construction workers will be properly trained to work in a RCA. Prudent construction techniques, including ground watering, will reduce the threat to

workers and the environment. A spill kit will be located on site to clean up any spills from heavy equipment.

b. **Noise**

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

None. The project site is located in an industrial area and noise will not affect 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.

Increased levels of noise during construction are expected from this project created by construction equipment used for moving earth during hours between 7 am to 6 pm. No long-term noises will be created.

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

None.

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 project site is located in an existing industrial area and historcially used to discharge wastewater. The project site is adjacent to CGS and support facilities and will not affect current land uses on nearby 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.

No structures are currently located on the project site. Nearby structures includes the the newly constructed lined evaporation ponds, CGS reactor building, the turbine generator building, the radioactive waste building, the diesel generator building, six mechanical draft-cooling towers, and various office and support buildings.

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

No.

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

The site is unclassified by Benton County.

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

The Department of Energy (DOE) has designated the area as "Industrial" in the Hanford Comprehensive Land-Use Plan.

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

Not Applicable.

h. Has any part of the site been classified as 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:

None.

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

None.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

None.

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.

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?

No new buildings will be constructed for this project.

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

None.

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

None.

11. **Light and glare**

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

None.

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?

The Columbia River is located 3 miles from the project site.

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.

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 located on or near the site? If so, specifically describe.

No.

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 CGS site was not used for homesteading or agriculture and was not developed with facilities supporting the Manhattan Project. Archaeological investigation of the CGS site were performed in 1972 prior to construction. No archaeological features or historic structures were observed at the reactor site, including the corridor between the river and the reactor site. Evidence of Native American presence was found in the vicinity of the makeup water pump house and water intake, but no substantive archaeological material. Use of the site area by Native Americans and early

settlers appears to have been transitory and focused on the river shoreline. The project site is located within the previously surveyed disturbed area. This area was altered significantly (excavation and fill) during construction of CGS and during subsequent maintenance operation activities. Professional studies on the site are listed below:

Hale, L.L., "Cultural Resources Report Narrative #98-0600-024, WPPSS Industrial Sites," Hanford Cultural Resources Laboratory, Richland, WA, 1998.

Rice, D.G, "Archaeoligical/Historical Reconnaissance WPPS Hanford No. 2 Reactor," Richland, WA 1972.

Rice, D.G, "Archaeological Investigations during Exavations for WNP-2 Pump house and Water Intake." Benton County, WA 1975.

Rice, D.G., "Archaeological Investigations at Washington Public Power Supply System Nuclear Plants on the Hanford Reservation, Washington." Richland, WA, 1983.

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.

Energy Northwest has procedural controls to assess and consider impacts to potential or existing historical and archaeological sites in accordance with state and federal regulations when planning and performing work activities. Procedural controls include review of historic construction photos and GIS data of previously surveyed and disturbed areas. The project site is located in a previously surveyed and highly disturbed site which should limit any impacts to historic or 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.

During construction, any archaeological findings, per procedure, will be reported to the DOE, the Washington Department of Archaeology and Historic Preservation (DAHP), EFSEC, and other interested parties or affected tribes identified by the DAHP. Energy Northwest agrees to consult with the DOE to arrange for preservation of artifacts and for interpretation of any archaeological site discovered in the course of construction.

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.

The project site has paved access off Route 4. The project site is located inside the CGS industrial area which is a secure site with limited access. Authorized individuals have paved access to the project site.

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?

No.

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.

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:

None.

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 _____

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.

No utilities are needed.

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: Shannon Khounnala

Name of signee Shannon Khounnala

Position and Agency/Organization Environmental & Regulatory Programs Specialist/Energy Northwest

Date Submitted: 2/5/15

Amended:

Signature: Shannon Khounnala

Date Amended: 9/23/15

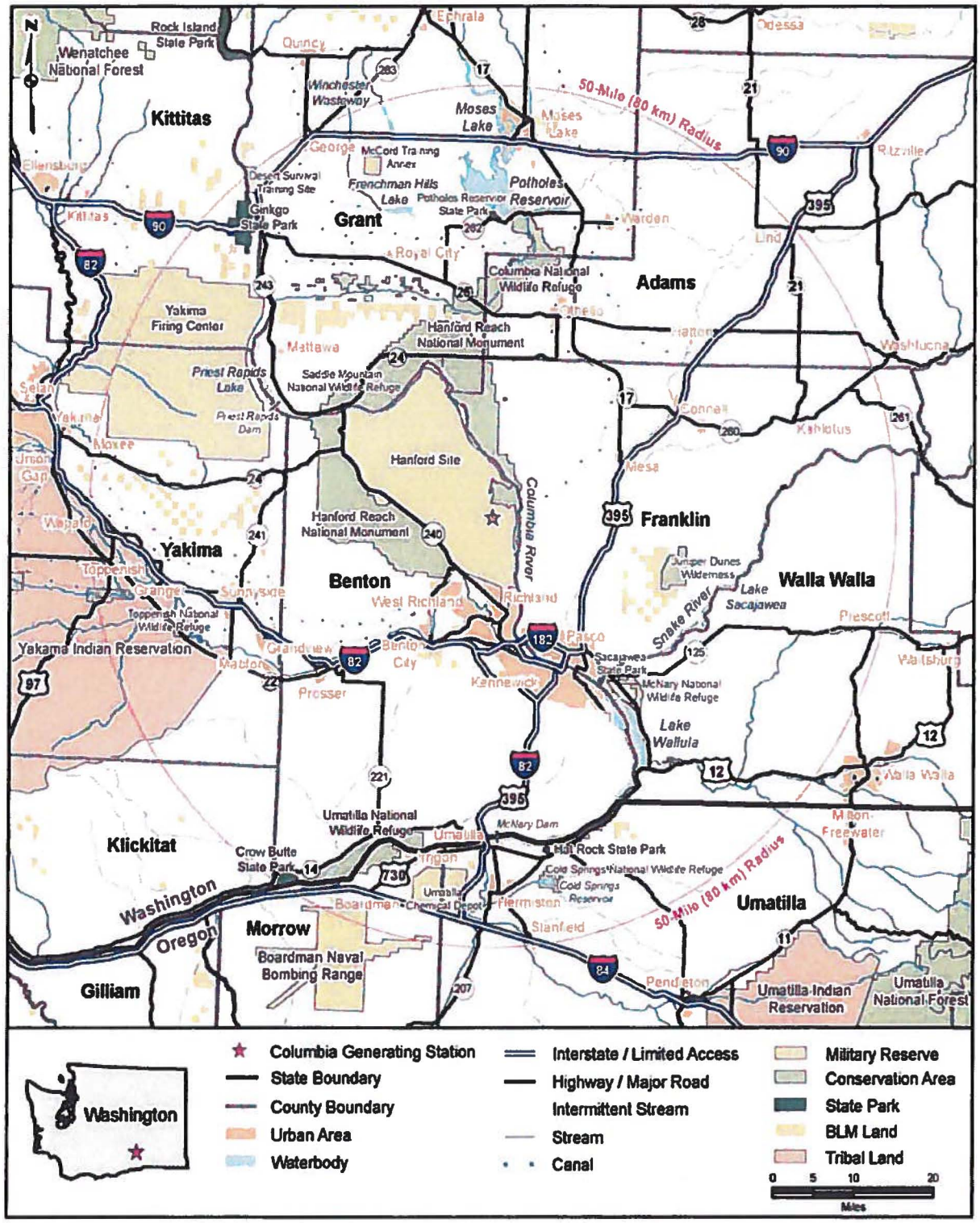


Figure 1- Site Vicinity

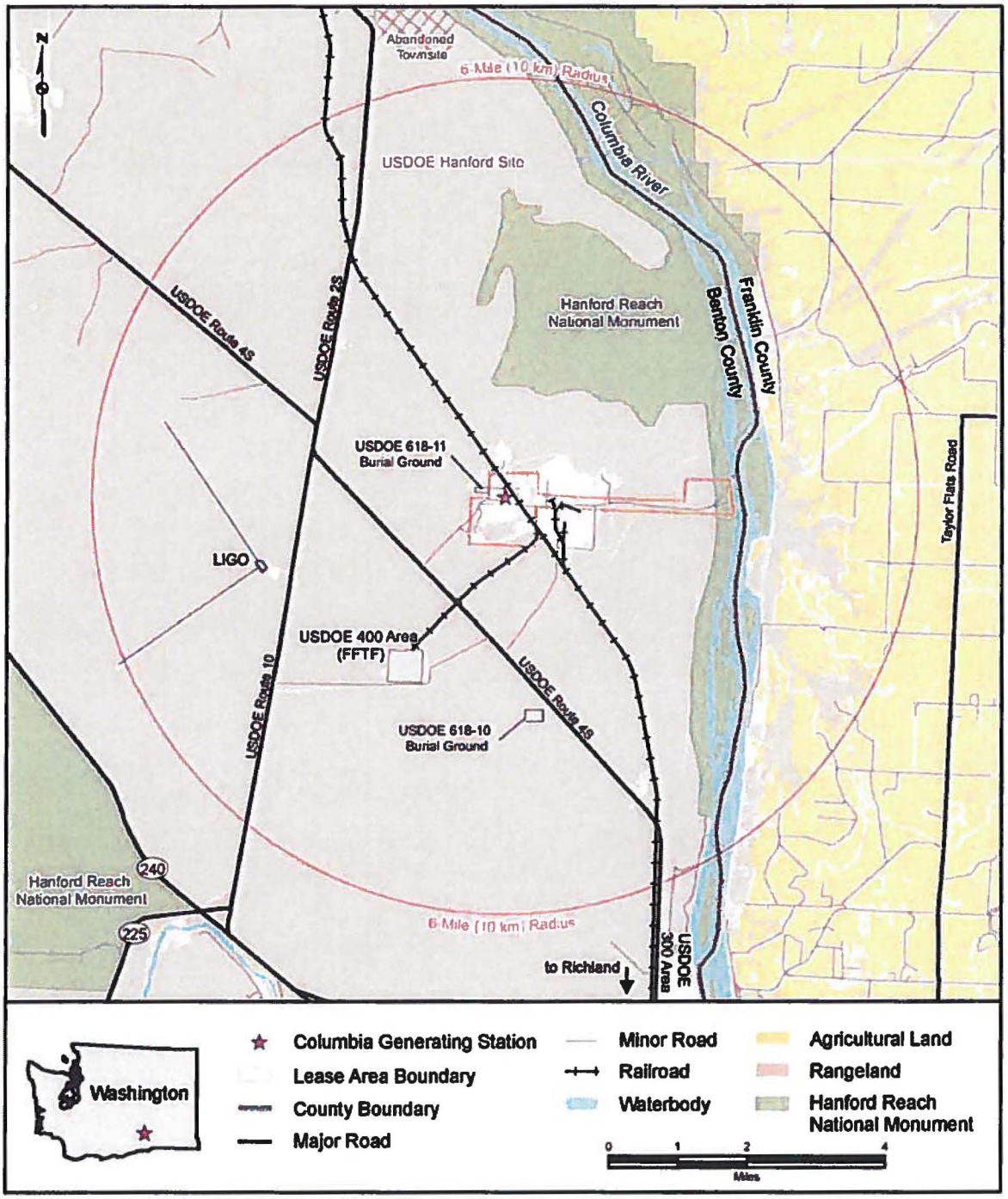
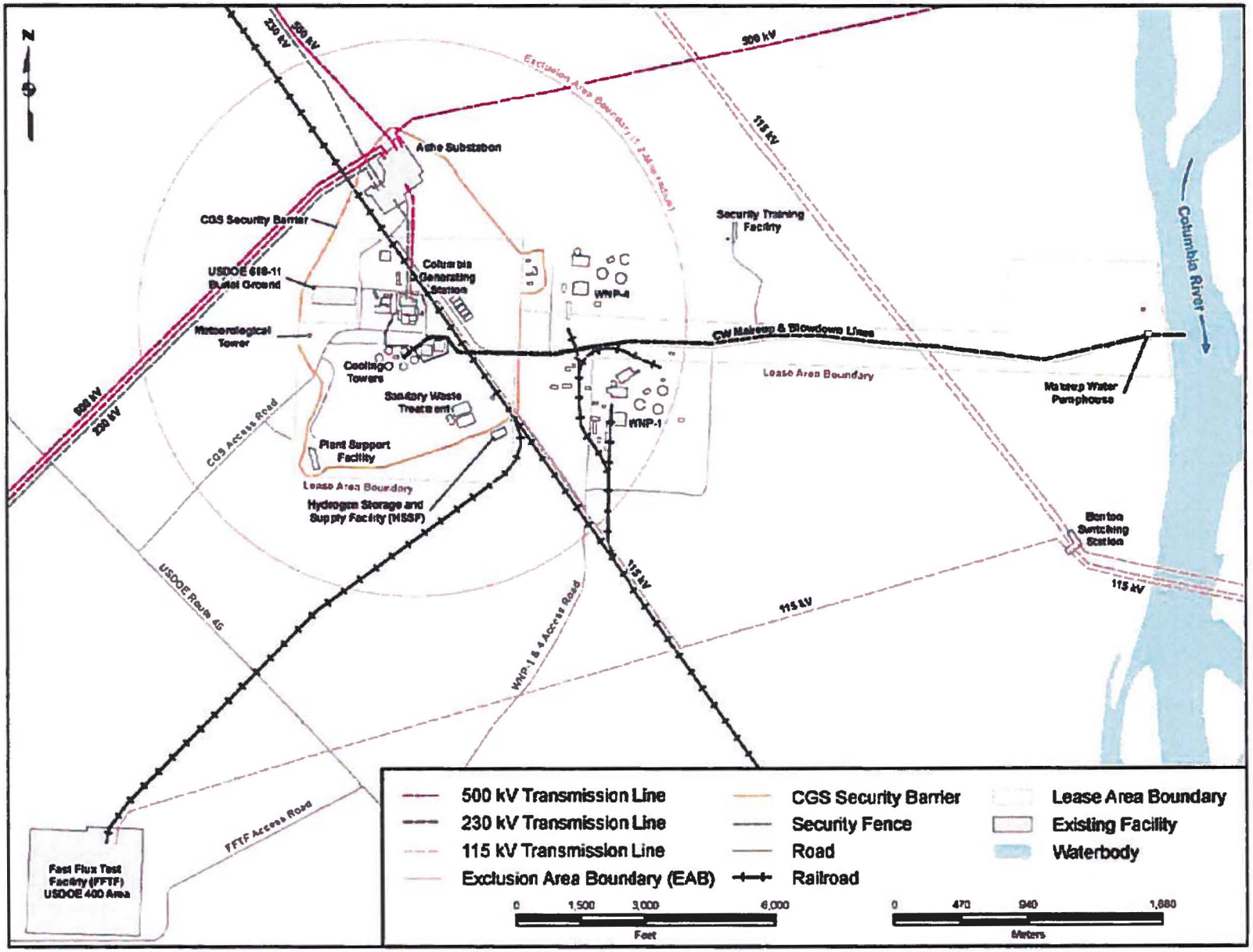


Figure 2- Project Area Map

Figure 3- Site Area



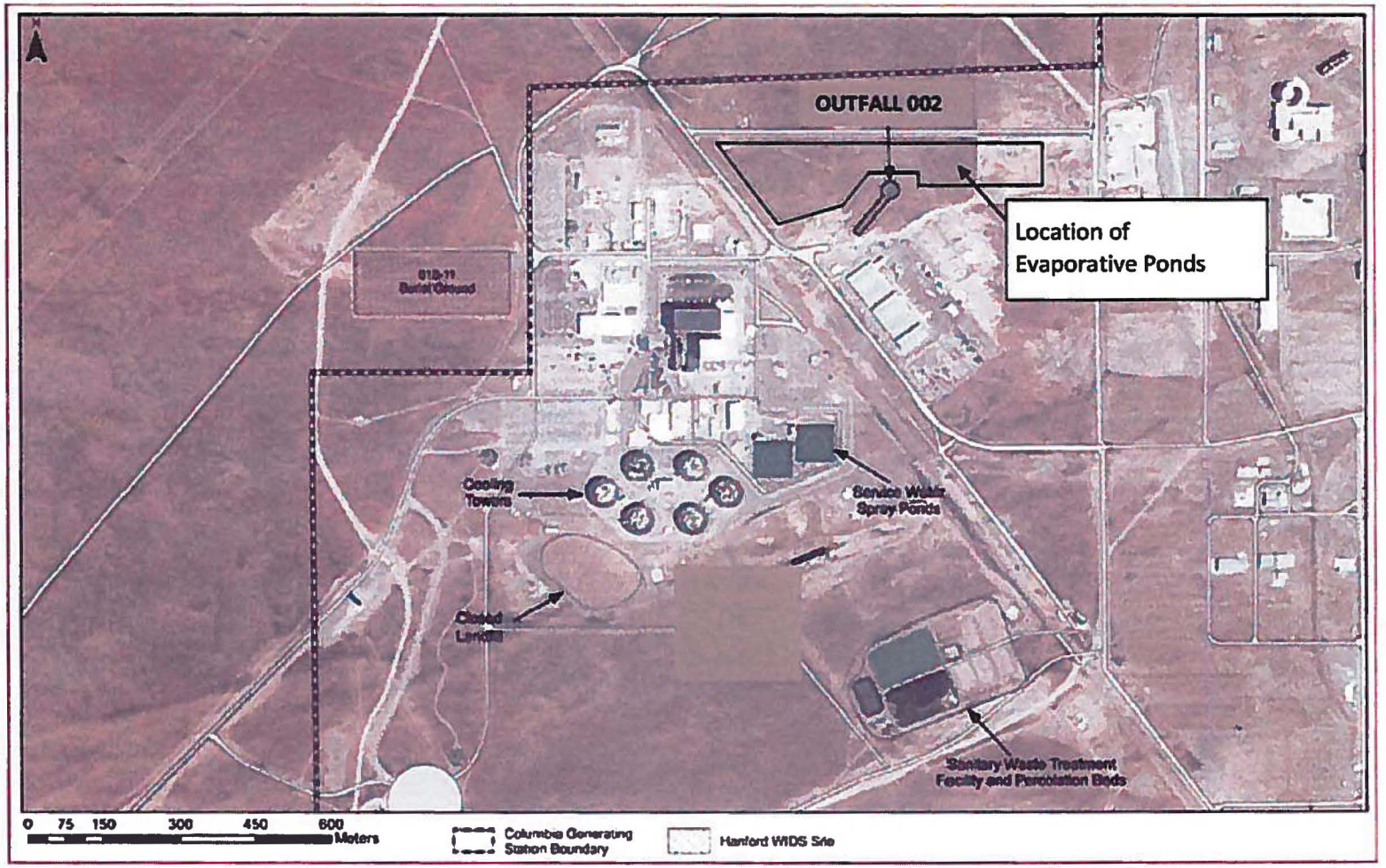


Figure 4-Aerial Photograph of Project Site.

Location of Present Storm water Outfall (Outfall 002)