STATE ENVIRONMENTAL POLICY ACT
ENVIRONMENTAL CHECKLIST

FOR

HANFORD FACILITY
207-A SOUTH RETENTION BASIN (S-2-7)
REVISION 0

JUNE 2015

WASHINGTON ADMINISTRATIVE CODE
ENVIRONMENTAL CHECKLIST
[WAC 197-11-960]

A. BACKGROUND

1. **Name of proposed project, if applicable:**

   This *State Environmental Policy Act of 1971* (SEPA) Environmental Checklist is being submitted for Hanford Facility 207-A South Retention Basin (S-2-7) treatment, storage, and/or disposal (TSD) unit. The project includes activities to obtain a clean closure determination for the 207-A South Retention Basin; the scope of this SEPA checklist includes the removal of the unit, characterization to confirm closure, and the stabilization of the site, in accordance with the closure plan.

   The 207-A South Retention Basin was constructed and is owned and operated by the U.S. Department of Energy, Richland Operations Office (DOE-RL) and co-operated by its contractors.

2. **Name of applicant:**

   DOE-RL

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

   U.S. Department of Energy
   Richland Operations Office
   P.O. Box 550
   Richland, WA 99352

   Contact:

   Stacy L. Charboneau, Manager
   Richland Operations Office
   509-376-7395

4. **Date checklist prepared:**

   June 2015

5. **Agency requesting checklist:**

   Washington State Department of Ecology
   Nuclear Waste Program
   3100 Port of Benton Boulevard
   Richland, WA 99354

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

   The demolition, stabilization, waste management, and characterization activities at 207-A South Retention Basin are planned to take place July-October, 2015.

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

   No.

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

The *207-A South Retention Basin SEPA Environmental Checklist* , Revision 0, is to be submitted with the permit modification request for *WA7890008967, Part V Closure Unit Group 9, 207-A South Retention Basin*, October 2008. The permit modification that is being requested is the *207-A South Retention Basin Closure Plan*, updated in May 2015.

The following *National Environmental Policy Act of 1969* (NEPA) documentation provides descriptive environmental information relating to the 200 East Area of the Hanford site, which includes the 207-A South Retention Basin:

- DOE/EIS-0113, *Final Environmental Impact Statement; Disposal of Hanford Defense High-Level, Transuranic and Tank Wastes*, December 1987
- DOE/EIS-0189F, *Final Environmental Impact Statement for the Tank Waste Remediation System, Richland, Washington*, August 1996
- DOE/EIS-0391, *Final Tank Closure and Waste Management Environmental Impact Statement for the Hanford Site, Richland, WA*, December 2012

General information concerning the Hanford Facility environment can be found in the *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNNL-6415 (latest revision), DOE/RL-2013-47, *Hanford Site Environmental Report for Calendar Year 2013,* and DOE/EIS-0391, *Final TC&WM EIS for the Hanford Site, Richland, Washington* (December 2012). These documents provide current information concerning climate and meteorology, ecology, history and archeology, socioeconomic, land use and noise levels, and geology and hydrology. These provide baseline data for the Hanford Site and past activities, and are useful for evaluating proposed activities and their potential environmental impacts.

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

No other applications are pending at this time.

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

Ecology is the lead agency authorized to approve the 207-A South Retention Basin SEPA checklist pursuant to the requirements of WAC 197-11-960.

Ecology is the lead agency authorized to approve the 207-A South Retention Basin closure plan.

11. Give a 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.)

This project will demolish the 207-A South Retention Basin for disposal at ERDF, sample the underlying soils, and backfill. The 207-A South Retention Basin began operation in March 1977. It was used for the interim storage of the 242-A Evaporator process condensate to allow for sampling and analysis before the condensate was discharged to the 216-A-37-1 Crib for final disposition. Discharge of 242-A Evaporator process condensate to the 207-A South Retention Basin was

terminated on April 12, 1989, when it was determined that the 242-A Evaporator process condensate contained mixed waste regulated under Washington Administrative Code 173-303. The 207-A South Retention Basin no longer receives or stores mixed waste.

The unit consists of three concrete cells, each with a 264,979-liter (70,000-gallon) design capacity for a total capacity of 794,937 liters (210,000 gallons). All three cells were coated to prevent constituents from penetrating the concrete. These concrete structures have remained intact since operations ceased, i.e., no cracks exist in the basins, and no leaks have been reported from the basins during routine inspections. Therefore, no direct pathway to soil exists for the stored waste. Under the definition of surface impoundment (WAC 173-303-040, *Dangerous Waste Regulations, Definitions*), this unit has no associated ancillary equipment. Consequently, the TSD unit boundary, as shown on the Part A Permit Application, was established as the exterior wall of the concrete basin structure.

The scope of closure includes the basin storage cells and soil underneath the basins. All waste from TSD unit operations was removed from the unit when operations ceased in 1989. The waste feed piping from the 242-A Evaporator and basin discharge piping to the 216-A-37-1 Crib are outside the TSD unit boundary and will be addressed in conjunction either with the 200-IS-1 OU CERCLA remedial action and/or through closure of the 242-A Evaporator.

As part of the CERCLA remedial investigation (RI) for 200-PW-2/4 Operable Unit, the 207-A South Retention Basin was investigated in 2003 and 2004. Characterization activities included borehole drilling, geophysical logging, field screening, and sampling and analysis of concrete cores and borehole soil. Twenty-nine underlying soil samples and 9 concrete samples were collected for analysis from the 3 concrete basins. These activities were performed to identify the nature and extent of chemical and radiological contamination in vadose zone soil underlying the basin, in support of OU remedial decision making and RCRA TSD unit closure. The RI was conducted in accordance with the SAP (Appendix B of DOE/RL-2000-60). Data collected from the basins are presented in the RI report (DOE/RL-2004-25, Appendix B and Section 7.2.2.2). Work plan sampling and analysis requirements for TSD unit characterization were arrived at during the data quality objectives process documented in CP-14176, *Remedial Investigation Data Quality Objectives Summary Report for the 200-PW-4 Operable Unit*. A review of this data supports the ability to clean close the unit.

207-A South Retention Basin will be clean closed by removal of the basins and up to 3' of soil. In accordance with WAC 173-303-610(2)(b)(i), the clean closure levels for soil will be the numeric cleanup levels calculated using unrestricted use exposure assumptions according to the WAC 173-340, *Model Toxics Control Act—Cleanup* (MTCA). These numeric cleanup levels will be calculated according to MTCA Method B unrestricted use standards current at the time of closure.

The majority of the 207-A South Retention Basin demolition will require the use of heavy equipment to demolish the structure. Demolition methods will be selected based on the structural elements to be demolished, remaining contamination, location, and integrity of the structure. The basin walls and floors will be rubblized. The demolition will occur from top of the walls around the basin, working downward systematically in one- to three-foot increments. The debris rubble from the walls, debris boxes, and engineered fill material from the basin will be loaded into ERDF cans for disposal at ERDF. During the rubblizing process, radiological readings will be taken to ensure the waste will meet the ERDF waste acceptance criteria and transportation requirements.

Around the basin walls at varying depths, there are piping runs that supported operations in the basins. This piping will be removed as necessary to access the basin walls and provide side sloping. The majority of the soil around the basins will be stockpiled on the site for future use or disposal. The

soil stock piles will be sprayed with fixatives to eliminate issues with wind blowing the soil. In addition, contaminated piping will have a fixative applied inside, as needed, prior to closure or demolition.

Controls such as portable ventilation filter units, HEPA-filtered vacuum cleaners, greenhouses, fogging agents, and/or water may be used to control dust generated from demolition activities. The amount of water used will be minimized to prevent ponding and runoff. Additional stormwater run-on and run-off controls may be implemented, as needed.

The final excavation footprint will be approximately 42.6 m (140 ft) long, 30.8 m (101 ft) wide, and 3 m (10 ft) deep. The demolition is considered complete after all waste debris has been removed to a nominal 1 m (3 ft) below the basin floor, piping in the excavation footprint has been removed, all waste generated during demolition is dispositioned, the bottom of the excavation is sampled, and results documented. When the sample results verify the soil meets the cleanup criteria, the basin will be backfilled and revegetated.

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

    The 207-A South Retention Basin is located north of the city of Richland, Washington, in the 200 East Area of the Hanford Site, directly east of the 242-A Evaporator.

    Topographic maps and site plans are included in WA7890008967, *Hanford Facility Resource Conservation and Recovery Act Permit*, as amended, TSD Unit #S-2-7, Washington State Department of Ecology, Richland, Washington (October 2008).

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

      Flat.

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

      The approximate slope of the land is less than 2 percent.

   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.**

      The demolition activities will affect the previously disturbed soil and fill placed during construction, approximately 1 m (3 ft) below the basins. The activity will not remove soil from agricultural land.

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

      No.

   e. **Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.**

      Hanford site borrow pit material will be used to backfill the excavation. Approximately 2,500 cubic yards of fill will be placed in the excavation footprint.

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

      No.

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

      No impervious surfaces will be constructed as part of this project.

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

      Not applicable.

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.

Dust from demolition activities, no emissions following closure.

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

No.

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

Visible dust emissions from active structural demolition will be limited using standard emission control techniques. Active excavations shall use water or crusting agents (e.g., Soil Sement®) as approved for dust control. Water usage for dust control shall be minimized to protect against contaminant migration. Crusting agents or fixatives shall be applied to any disturbed portion of the excavation that will be inactive for more than 24 hours.

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 207-A South Retention Basins are approximately 11 km (6.8 mi) from the Columbia River.

2) Will the project require any work over, in, or adjacent to (within 200 feet) of 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.

None.

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. **Groundwater:**

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

No.

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

The project will not affect groundwater.

c. **Water runoff (including stormwater):**

1) **Describe the source of runoff (including stormwater) 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.**

The project will not affect stormwater runoff.

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

No waste materials will enter ground or surface waters.

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

The amount of water used for dust suppression will be limited to reduce the potential for runoff. When the excavation will be left open for greater than 24 hours, a crusting agent will be applied to control dust.

4. Plants

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

_____ **deciduous tree: alder, maple, aspen, other**
_____ **evergreen tree: fir, cedar, pine, other**
_____ **shrubs**
_____ **grass**
_____ **pasture**
_____ **crop or grain**
_____ **wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other**
_____ **water plants: water lily, eelgrass, milfoil, other**
_____ **other types of vegetation**

None.

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

Not applicable.

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

None.

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

The footprint of the unit will be revegetated.

5. Animals

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

birds: ground nesters (killdeer, common nighthawks) and songbirds

mammals: small rodent species, coyote, cottontail rabbits

Proposed activities will not directly affect animals. DOE practices will be employed to ensure compliance with the *Migratory Bird Treaty Act of 1918* and in line with the guidance provided in the

Memorandum of Understanding between DOE and the U.S. Fish and Wildlife Service per Executive Order 13186, *Responsibilities of Federal Agencies to Protect Migratory Birds*.

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

See response to 5a.

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

See response to 5a.

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

See response to 5a.

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

See response to 5a.

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.

Fossil fuel will be used in vehicles to access the site, conduct the demolition, and remove waste material to ERDF.

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.

No, such an event would be highly unlikely.

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

All waste was removed from the basins when operations ceased. No defects in the basins have been observed. Sampling during

the remedial investigation in 2003-2004 did not identify contamination (chemical or radiological) in the concrete or underlying soil. Storage, operating, and inspection records have been reviewed, radiological surveys and visual inspections have been performed, and there is no indication of contamination at the site.

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.**

None.

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.**

None associated with the demolition activities. Once completed, sample bottles used to collect confirmation samples may contain de minimus quantities of preservative per sampling and analytical procedures. The materials will be appropriately managed to prevent release to the environment.

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

None.

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

All personnel are trained to follow proper procedures during demolition, waste management, sampling, and backfill/revegetation activities to minimize potential exposure.

b. Noise

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

None.

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.**

None.

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

Not applicable.

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 site is currently not in use. There are Hanford tank farms and the 242-A Evaporator near the site; however, this demolition project will not interfere with normal operations in the tank farms.

   b. **Has the 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?**

      Not applicable.

      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:

      Not applicable.

   c. **Describe any structures on the site.**

      The basin structures and dimensions are described in A.11, description of the project.

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

      Yes, the 207-A Retention Basins will be demolished.

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

      Not applicable.

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

      The "Record of Decision: Hanford Comprehensive Land-Use Plan Environmental Impact Statement (HCP EIS)" (64 FR 61615) states that the Central Plateau (200 Area) geographic area is designated Industrial-Exclusive.

   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 an "environmentally sensitive" area? 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:

Not applicable.

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

Not applicable (refer to Section B.8.f).

9. Housing

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

Not applicable.

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

Not applicable.

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

Not applicable.

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 structures are being proposed.

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, the activities will occur during daylight.

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

No.

c. What existing offsite 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?

None.

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:

Not applicable.

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.

No. In 1990, a Cultural Resources Review was conducted for Hanford Site operations and cleanup activities within the 200 East and 200 West Areas. The *Archaeological Survey of the 200 East and 200 West Areas, Hanford Site, Washington (HCRC#88-200-038)* considered potential impacts to historic properties from Hanford operations within the 200 Areas (Chatters and Cadoret 1990). The finding reached is that no historic properties would be impacted as a result of on-going operations and cleanup within the 200 East Area, and that no additional Section 106 reviews are necessary to maintain this finding (Chatters and Cadoret 1990). Because Section 106 requirements have been previously met, no additional review of the project is required.

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.

DOE/RL-96-77, *Programmatic Agreement Among the U.S. Department of Energy, Richland Operations Office, the Advisory Council on Historic Preservation, and the Washington State Historic Preservation Office for the Maintenance, Deactivation, Alteration, and Demolition of the Built Environment on the Hanford Site, Washington* (PA) addresses the built environment constructed during the Manhattan Project and Cold War Era periods of Hanford's operational history, encompassing the years 1943 through 1990. The PA directed that a Sitewide Treatment Plan be developed to identify, inventory, and evaluate all undertakings which may affect historic buildings and structures on the Hanford Site, and identifies those that require mitigation measures to preserve historic, architectural, and technological values.

The Department of Energy, in consult with the Advisory Council on Historic Preservation and the State Historic Preservation Office, developed DOE/RL-97-56, *Hanford Site Manhattan Project and Cold War Era Historic District Treatment Plan* (Sitewide Treatment Plan) to preserve the history of the site. The Sitewide Treatment Plan lists representative buildings and structures that require mitigation (identification, removal, preservation of historically significant artifacts). The 207-A South Retention Basin is not included in the Sitewide Treatment Plan as a candidate for mitigation. The PA stipulates, in Section IV.F.; "For those

properties for which no mitigation is required under the Sitewide Treatment Plan, RL and SHPO agree that no further communication or notification is necessary."

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.

Prior to initiation of this project, all project staff will be trained, and the following language will be included in the project work package:

If any cultural materials, including but not limited to stone tools, flakes, bones, shells, bottles, subsurface foundations, are discovered during the demolition of 207-A South Retention Basin, work in the vicinity of the discovery shall cease until a cultural resource professional (i.e. archaeologist, historian), has been notified about the discovery, has assessed the significance of the find, and, if necessary, has arranged for the mitigation of the find.

Any required mitigation will take place in accordance with the Sitewide Treatment Plan and stipulation IV.D of the Programmatic Agreement identified in 13.c, above.

14. Transportation

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

Not applicable.

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

The Hanford Site is not served by public transit. It is approximately 40 km (25 mi) to the city of Richland with the nearest transit stop.

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

Not applicable.

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

No.

e. Will the project 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? 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?

This completed project will not increase the peak traffic volumes; the number of vehicular trips would remain at the present rate.

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.

Not applicable.

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, health care, schools, other)? If so, generally describe.

No.

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

Not applicable.

16. Utilities

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

The 207-A South Retention Basin unit is not served by any utilities.

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

Portable generators will be used for any power requirements during the demolition project. When the project is complete, no utilities will be available at the former 207-A South Retention Basin location.

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: S L. Charbone

S. L. Charboneau, Manager
U.S. Department of Energy, Richland Operations Office

Date Submitted: 6/25/15