ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of proposed project, if applicable: Frenchman Coulee Vault Toilet Instillation

2. Name of applicant: Washington Department of Fish and Wildlife (WDFW)

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

Washington Department of Fish and Wildlife

Atten: Chad Eidson(WDFW)
6653 RD K NE Moses Lake, WA 98837
(509) 765-6641

4. Date checklist prepared: April 15, 2013

5. Agency requesting checklist: Washington Department of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable Summer/Fall 2013

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.

None

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

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

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)
The proposal is to install and manage a single vault toilet . It is a prefabricated concrete building(with a footprint of 144sq ft) to be installed near a parking area used by rock climbers and other recreational users at Frenchman Coulee, Grant County, Washington. The area is managed by WDFW within the Quincy Lakes Unit of the Columbia Basin Wildlife Area.

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.

Old Vantage Highway, Grant County, Washington, in the vicinity of 47°01'31.20"N 119°58'03.92"W; T 17N, R 22E; Section 5212000 N, 275000 E.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . . .
The proposed construction site is a relatively flat area near basalt cliffs.

b. What is the steepest slope on the site (approximate percent slope)? 0-5%;

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 prime farmland
Ephrata Malaga complex, gravely cobbly sandy loam. Very thin soil profile over basalt bedrock

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe
No the location is in an already disturbed but stable parking area

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
A small amount of fill already on site in the crushed rock parking area may have the potential to be used to insure a level area around the vault toilet once set.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe
Given the current state of the parking area no addition or new erosion should occur

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? Other than the 144sqft footprint covered by the vault toilet no other impervious surface will be a part of construction.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: No erosion is expected to be caused by the project

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. Normal amounts of exhaust emissions from construction/delivery equipment during construction. There would be no emissions related to the project after construction is completed.

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: Insure that construction equipment is in good operating condition.

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. No

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

4) **Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.** No

5) **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.** No

6) **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.** No

b. Ground:

1) **Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.** No

2) **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.** None

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.** Due to low precipitation (8-9 inches/year), very little runoff water would be associated with the project area. .

2) **Could waste materials enter ground or surface waters? If so, generally describe.** The project would produce no waste material.

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

4. Plants

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

——— **deciduous tree: other**

——— **evergreen tree: fir, cedar, pine, other**

X——— **shrubs** green and gray rabbit-brush, sagebrush

X——— **grass** primarily – **crop or grain**

——— **wet soil plants: cattail, bullrush, other**

——— **water plants: milfoil, other**

——— **other types of vegetation**

b. What kind and amount of vegetation will be removed or altered? Very little if any vegetation will be disturbed by construction. Possibly some cheat grass.

c. List threatened or endangered species known to be on or near the site. White Eatonella is known to occur in the area but not in close proximity to the project site

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: None, work will occur in an unimproved parking area

5. Animals

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

birds: **hawk, heron, eagle, songbirds, other:** Multiple raptor species use the general area as well as songbirds

mammals: deer, ~~bear~~, ~~elk~~, ~~beaver~~, other: Most species that occur in the Columbia Basin could be present near the location including coyotes, marmots and other small mammals.

fish: n/a

b. List any threatened or endangered species known to be on or near the site. Bald eagles are infrequent visitors to the general area.

c. Is the site part of a migration route? If so, explain. The site is within the Pacific Flyway and thus the greater area is a migration route for waterfowl, raptors and other birds but the particular site has little if any use in the migration route.

d. Proposed measures to preserve or enhance wildlife, if any: The project is expected to have extremely limited if any impact on wildlife thus no measures to preserve or enhance wildlife have been identified

6. Energy and natural resources

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

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: N/A

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

1) Describe special emergency services that might be required. None

2) Proposed measures to reduce or control environmental health hazards, if any: N/A

b. Noise

1) What types of noise exist in the area which 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. Noise associated with construction equipment would occur for a very short period of time during construction. There are no human residences within normal hearing distance of the project site.

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

8. Land and shoreline use

a. What is the current use of the site and adjacent properties? Washington Department of Fish and wildlife management and associated wildlife-related recreation.

b. Has the site been used for agriculture? If so, describe. No

c. Describe any structures on the site. None

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

e. What is the current zoning classification of the site? Open Space Recreation

f. What is the current comprehensive plan designation of the site? Fish and wildlife management area (Desert Unit of Columbia Basin Wildlife Areas). Critical Area Ordinance, Grant Co., GMA

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

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

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: The proposed action is identified as a management objective in the management plan for the Desert Unit of the Columbia Basin Wildlife Areas.

9. Housing

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

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

c. **Proposed measures to reduce or control housing impacts, if any:** N/A

10. Aesthetics

a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?** The vent pipe from the proposed building would be 12ft 3in tall while the rest of the building would be 9 ft 5 in tall. The building is prefabricated concrete with a rock agrate face.

b. **What views in the immediate vicinity would be altered or obstructed?** None

c. **Proposed measures to reduce or control aesthetic impacts, if any:** N/A

11. Light and glare

a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?** 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:** N/A

12. Recreation

a. **What designated and informal recreational opportunities are in the immediate vicinity?** Hunting, wildlife viewing, hiking, rock climbing.

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:** N/A

13. Historic and cultural preservation

a. **Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.** None are known.

b. **Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.** None are known.

c. **Proposed measures to reduce or control impacts, if any:** N/A

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.**

b. **Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?** No

c. **How many parking spaces would the completed project have? How many would the project eliminate?** The project is located in an unimproved uncontrolled parking area large enough for multiple vehicles. The vault toilet would be located in a corner of the lot thus eliminating very little space in the parking area.

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. It is unlikely that any additional trips would be generated by completion of the project

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

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No

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

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. None

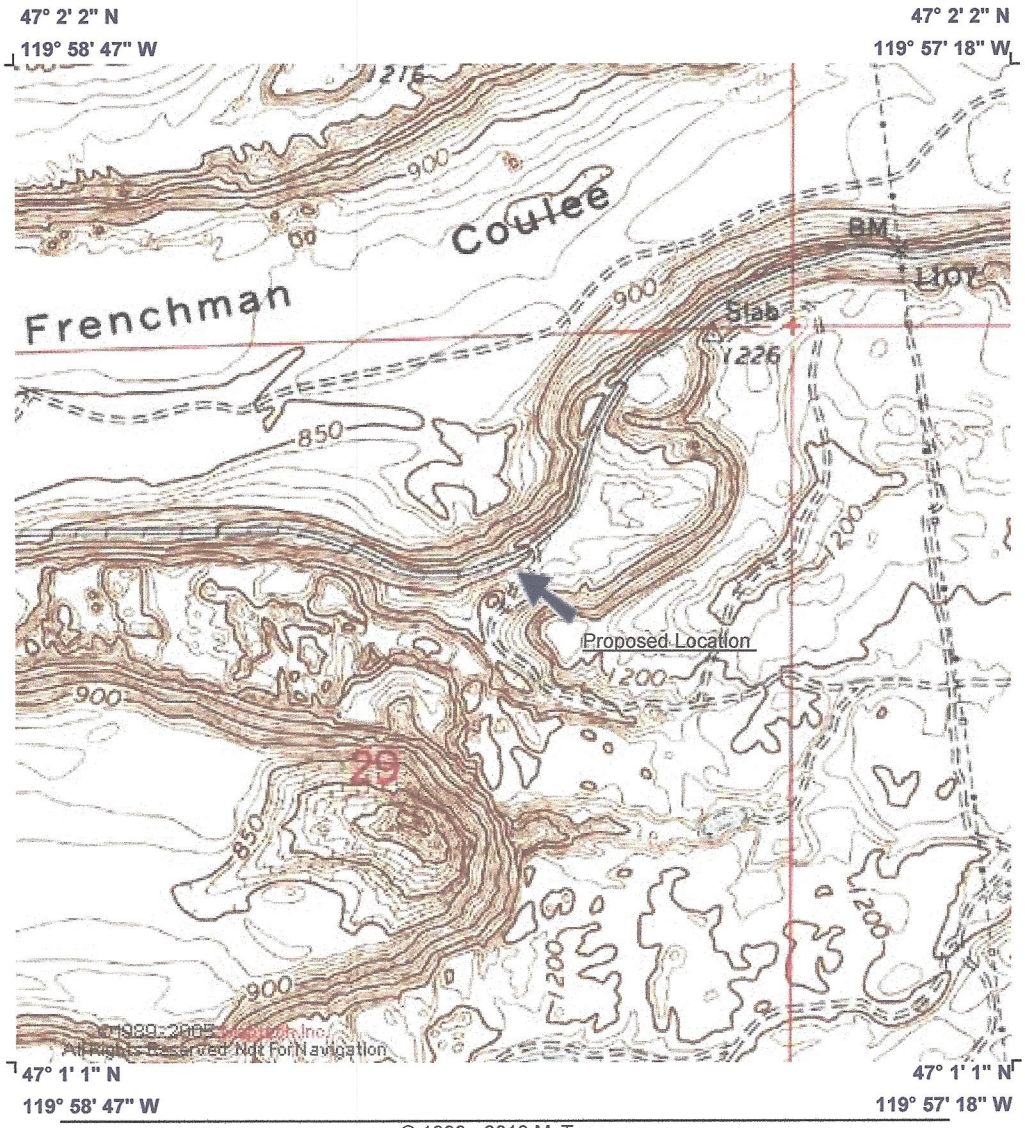
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. None

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: Chad Cahn

Date Submitted: 08/08/13



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