SECTION 2: PROPERTY OWNERSHIP

Indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

☐ YES, there are no encumbrances.
☒ YES, the land is encumbered by easements, rights of way, roads or other encumbrances. **BOR 2000-10756, Warranty Easement Deed to United States for restoration & management of wetlands & wildlife habitat.** *(document enclosed)*
☐ NO, I have a recorded easement or written authorization permitting access.
☐ NO, I do not currently have written authorization or easement permitting access.
☐ NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners: List the names and mailing addresses of all the owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. (*Attach additional sheets if necessary*).
None

Legal Description: You must provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
Parcel 3, Partition Plat 2005-0016, as the same is platted and recorded in the Polk County Book of Partition Plats in Polk County, Oregon.

SECTION 3: SOURCE OF WATER

A. Reservoir Name: **1A**

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** JB 10-9-23
TRSQQ of POD: **T6S R5W 36 NW-NW**	
Source 2: **Unnamed tributary** JB 10-9-23 **Out of Bank Winter Storm Floodwater**	Tributary to: **Ash Swale**
TRSQQ of POD: **T6S R5W 36 NW-NW**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present?
  ☐ Yes ☐ No ☐ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland surface runoff & floodwater.**

For Department Use: App. Number: _____

A. Reservoir Name: 1B

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 36 NW-NW**	
Source 2: **Unnamed tributary** JB 10-9-23 **Out of Bank Winter Storm Floodwater**	Tributary to: **Ash Swale**
TRSQQ of POD: **T6S R5W 36 NW-NW**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☒ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff**

A. Reservoir Name: 2A

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 NE-NE**	
Source 2: **Unnamed Drainageway** **Out of Bank Winter Storm Floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 NE-NE**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☐ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff**

For Department Use: App. Number: _____

A. Reservoir Name: 2D

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 NE-NE**	
Source 2: **Unnamed Drainageway** **Out of Bank Winter Storm Floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 NE-NE**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☒ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff**

A. Reservoir Name: 3A

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	
Source 2: **Unnamed Drainageway** **Out of Bank Winter Storm Floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☒ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff**

For Department Use: App. Number: _____

A. Reservoir Name: **3B**

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	
Source 2: **Unnamed Drainageway** **Out of Bank Winter Storm Floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☒ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff**

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A. Reservoir Name: **3C**

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	
Source 2: **Unnamed Drainageway** **Out of Bank Winter Storm Floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☐ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff**

For Department Use: App. Number: _____

A. Reservoir Name: 3D

B. Source: Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.

Source 1: **Overland surface runoff & floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	
Source 2: **Unnamed Drainageway** **Out of Bank Winter Storm Floodwater**	Tributary to: **Unnamed tributary of Ash Swale** **JB 10-9-23**
TRSQQ of POD: **T6S R5W 35 SE-NE**	

- Is the proposed reservoir in a wetland (as determined by DSL)? ☒Yes ☐No ☐Don't know
- Is the proposed reservoir an enlargement of an existing dam/reservoir? ☐ Yes ☒ No **See NOTE below**
- Is the proposed reservoir in-channel of a stream or off-channel: ☐ In-channel ☒ Off-Channel
- If the reservoir is proposed to be in-channel, is the stream: ☐ Perennial ☐ Intermittent ☐ Ephemeral
- If the reservoir is proposed to be in-channel, has ODFW determined that native migratory fish are present? ☐ Yes ☐ No ☒ Don't know
- Is the reservoir in the 100-year floodplain? ☒ Yes ☐ No ☐ Don't know
- If the reservoir is not in the channel of a stream, state how it is to be filled: **Overland runoff and flood waters.**

    NOTE: The proposed reservoirs are existing reservoirs constructed under, now cancelled, permits R-13235, R-13236 & R-13237, issued in 2002 w/ 2001 priority date and constructed by 2003 w/ plans prepared by USDA-NRCS. Cancelled for failure to file COBU. No new construction.

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species.

To answer the following questions, refer to the map shown on Attachment 3 or the link below to determine whether the proposed point of diversion (POD) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POD and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply: https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POD is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the POD located in an area where the Upper Columbia Rules apply?

☐ Yes ☒ No

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For Department Use: App. Number: _____

SECTION 7: PRIMARY OUTLET WORKS

a) Describe the location and the dimensions of the outlet conduit through the dam:
NOTE: Most dams across a natural stream channel will need an outlet conduit having a minimum diameter of 8 inches or greater.
None of the dams are on channel. One outlet is provided in Reservoir 3A

b) How and when will the outlet be operated?
The outlet is operated seasonally, as needed.

c) If ODFW has determined fish are present in the stream, how do you propose to protect fish through the outlet conduit (the conduit does not constitute fish passage)?
The DSL map of Essential Salmonid Habitat (2015 listing) shows no habitat in this area.

SECTION 8: EMERGENCY SPILLWAY

a) Describe the location and the dimensions of the spillway channel.
No spillways were designed in the original US Department of Agriculture - Natural Resources Conservation Service plans that were prepared, and used, for the construction of these ponds. These are off-channel reservoirs filled from overland surface runoff. If flow exceeds storage volume, runoff flows around the ends of the dams and continues on to adjacent reservoirs or drainageways

b) How will the emergency spillway be designed to prevent erosion?
If flow exceeds storage volume in Pond Systems 2 and 3, runoff flows around the ends of the dikes and continues on to adjacent lower ponds or, eventually, to the **Unnamed tributary of Ash Swale. JB 10-9-23**
If flow exceeds storage volume in Pond System 1, runoff flows around the end of the dike for pond 1B and into pond 1A. Flow from pond 1A will go over the dike, which is a maximum of 1 foot above the water surface, and then into the adjacent wetland and ditch that carries the water back to the **Unnamed tributary of Ash Swale. JB 10-9-23** **All of the dikes and surrounding open spaces are heavily vegetated and no erosion is apparent or expected. Most of the natural ground is at extremely low slopes, between 1%- 4%, as would be expected in a natural, and enhanced, wetland area.**

c) What is the maximum design flow for the spillway? (Should be able to handle high flow events. 10-year flood events? 50-year flood events?)
The spillway paths will accommodate a 100-year flow event, as they are within the 100-yr floodplain and were designed by the USDA-NRCS to enhance the existing wetlands by collecting water from those events. Depending on flood depth, excess water will bypass the reservoirs once they are filled and continue on downstream or inundate the dikes until the flood subsides.

SECTION 9: WATER QUALITY

a) Describe how the reservoir will be managed to maintain water quality in the reservoir and downstream.
The reservoir system is highly vegetated which filters the water and will allow for particulate settlement. Once the flood waters or heavy rain runoff subsides, the water is detained and not released to downstream waterbodies.

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