



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Application for a Permit to Store Water in a Reservoir (Standard Review)

Standard Review Process (ORS 537): You must use this form for any reservoir storing more than 9.2 acre-feet and with a dam more than 10 feet high.

Use a separate form for each reservoir. However, to obtain authorization for multiple reservoirs, multiple forms may be combined into one application if filed at the same time.

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml

1. APPLICANT INFORMATION

Applicant: Rick and Jody Hale
First Last

Mailing Address: 73426 Hwy 207

Echo Oregon 97826
City State Zip
Phone: 1 541 571 3669 426
Home Work Other
Fax: E-Mail Address*:

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

We make application for a permit to construct 4 reservoirs and store the following described waters of the State of Oregon. The name of the reservoirs are Res 1, Res 2, Res 4, and Res 6. Existing certificates 70284 and 70285 authorize storage of water in these reservoirs. This application is for storage for the total storage capacity of the reservoirs with the intention that it be in addition to (stacked on) the storage previously authorized for these reservoirs by the existing certificates.

The applicant is concurrently submitting an Application for a Permit to Use Groundwater in Reservoirs Res 1, Res 2, and Res 6. The intent is that water to fill these reservoirs can be either surface water or ground water or a combination of surface water and groundwater, with the total amount not to exceed the capacity of the reservoirs.

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The applicant recommends Salem OWRD staff assigned to this application also be assigned to the Application for a Permit to Use Groundwater or at least familiarize themselves with the other application. While preparing this application the applicant's consultant, conferred with OWRD District #21 Water master, Ken Thiemann, and OWRD North Central Region, Regional Manager, Mike Ladd. These OWRD staff members requested the applicant request the Salem OWRD staff member assigned to this application to contact them while processing the application.

2. **SOURCE OF WATER** for the proposed use: The source of water is winter runoff water, and surface water from Brown Creek a tributary of Lone Rock Creek.

Is the proposed use an enlargement of an existing dam/reservoir?

No

This application is for storage in existing reservoirs. No enlargement of the existing reservoirs are to be made.

If the reservoir is not in channel of a stream, state how it is to be filled:

Three of the four reservoirs, Res 1, Res 2, and Res 6 are constructed off channel. This application is for winter runoff water and surface water diverted directly from Brown Creek to fill Res 1, Res 2, and Res 6. There is one diversion point where water will be diverted directly from Brown Creek. From the Brown Creek diversion point water will be conveyed overland directly to Res 6. Brown Creek water in Res 6 may travel to Res 1 through a buried pipeline and may further travel from Res 1 to Res 2 by way of seepage.

Res 4, is located in the upper reach of a ravine. The source for Res 4 in this application is surface water from winter runoff and spring water. Refer to the table below:

Quantity of Water to be Stored

RESERVOIR #	STORAGE QUANTITY AC FT	WINTER RUNOFF & SPRING WATER AC FT	WINTER RUNOFF & SURFACE WATER DIVERTED FROM BROWN CREEK AC FT
Res 1	22.61		22.61*
Res 2	8.79		8.79*
Res 4	9.00	9.00	
Res 6	1.76		1.76*
Totals	42.16	9.00	33.16

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* The quantity of water to be stored under this application, together with the quantity of groundwater to be stored under a groundwater application being submitted concurrently with this application, shall not exceed the reservoir storage quantity stated in column 2.

For Department Use		
App. No. _____	Permit No. _____	Date _____

3. DAM HEIGHT AND COMPOSITION

The maximum height of the structures will be 13 feet above streambed or ground surface at the centerline of the crest of the dam.

Attach preliminary plans, specifications and supporting information for the dam and impoundment area including dam height, width, crest width and surface area.

Note: If your dam height is greater than or equal to 10.0' above land surface AND your reservoir will store equal to or greater than 9.2 acre-feet, engineered plans and specifications must be approved prior to storage of water.

Summary of Reservoir Plans, Specifications, & Information

RES #	DAM HEIGHT FTE	WIDTH FTE	CREST WIDTH FTE	SURFACE AREA ACRES	RES CAPACITY AC FT
Res 1*	13.0	645	20	3.3	22.61
Res 2	10.2	720	14	1.9	8.79
Res 4	9	540	13	2.0	9.00
Res 6	10	360	5	0.8	1.76
Totals				8.00	42.16

Refer to attached Exhibit A. for a typical cross section through the dams.

* This is an existing reservoir that was constructed in the late 1940s. There are no original design drawings of the reservoir. It is of a size and has a dam height such that it requires engineered plans and specifications. The applicant is working with Keith Mills, P.E., G.E., State Engineer for Water Resources in developing the necessary technical information required for this reservoir.

The dams will be (check one): ☒ Earthfill

If "other" give description:

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4. PRIMARY OUTLET WORKS

Describe the location and the dimensions of the outlet conduit through the dam:

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All of the dams/reservoirs are existing structures. They were reportedly constructed during the late 1940s through the early 1960s and have been in operation since that time.

The outlet works for each reservoir consist of a conduit installed along the base of the embankment at the low point in the reservoir bottom.

Reservoir 1 has a 12" corrugated metal pipe outlet. There is a canal gate installed on the upstream end of the pipe.

Reservoir 2 has a 10" corrugated metal pipe outlet. There is a canal gate installed on the upstream end of the pipe.

Reservoir 4 has a 12" corrugated metal pipe outlet. There are two 6" butterfly valves on the downstream end of the pipe at the toe of the reservoir embankment. One of the butterfly valves can be used to discharge water into the natural ravine. The other valve can be used to discharge water into a pipe that extends northeasterly to Reservoir 1.

Reservoir 6 has a 4" PVC outlet pipe. The pipe has a ball valve at the toe of the embankment on the downstream side. This pipe extends down gradient 1580± feet to Reservoir 1. The 4" ball valve on this outlet is normally open allowing water accumulating in this reservoir to flow to Reservoir 1 and further flow to Res 2 as seepage from Res 1. In the event the 4" outlet pipe is not sufficient to empty or bypass water around the reservoir the owner has a portable drainage pump that can be used for this purpose.

NOTE: Most dams across a natural stream channel will need an outlet conduit having a minimum diameter of 8 inches or greater.

5. EMERGENCY SPILLWAY

Describe the location and the dimensions of the spillway channel:

With the exception of Reservoir 4, all the reservoirs are constructed off channel and do not have natural channeled streams or storm runoff that flow into the reservoirs. The surrounding topography, for the most part, is such that runoff from the up-gradient watersheds flows naturally around the reservoir sites. Reservoir 4 is constructed in the upper reach of a small ravine.

The overflow for Reservoir 1 is a 12" PVC pipe. It is located on the easterly side of the reservoir near the southeast corner.

The overflow for Reservoir 2 is an 8" corrugated metal pipe. It is located near the northerly corner of the reservoir.

The overflow for Reservoir 4 is an elliptical (24" high x 30" wide) corrugated metal culvert pipe. It is located near the northwesterly corner of the reservoir.

Reservoir 6 has a 12" PVC pipe overflow. It is located on the easterly side of the reservoir. This reservoir also has a shallow channel constructed around the northwesterly end of the embankment.

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R-00574

6. **THE USE(s)** of the impounded water will be:

The impounded water will be used for livestock, wildlife, and fire protection.

7. **THE AMOUNT OF WATER** to be stored is: **42.16** acre-feet in 4 small reservoirs. The area submerged by all of the reservoirs, when filled, will be: **8.00** acres. (See Table under Section 3).

8. PROJECT SCHEDULE: (List Month and Year)

Proposed date construction work will begin: **All of the dams/reservoirs are existing structures. They were reportedly constructed during the late 1940s through the early 1960s and have been operational since that time.**

Proposed date construction work will be completed: **All of the dams/reservoirs are existing structures. They were reportedly constructed during the late 1940s through the early 1960s.**

Proposed date water use will be completed: **Water Use (storage) will be completed within 5 years of issuance of the permit.**

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars). **NO**

No federal funds have been or are anticipated to be used in construction, operation or maintenance of the reservoirs. The owner will provide all funding for the project.

9. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water? **YES**

Yes (Please check appropriate box below then skip to section 10)

☒ There are no encumbrances

This land is encumbered by **easements**, rights of way, roads or other encumbrances *(please provide a copy of the recorded deed(s))*

☒ *(Please check the appropriate box below)*

I have a recorded easement or written authorization permitting access.

I do not currently have written authorization or an easement permitting access.

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).

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.

List the names and mailing addresses of all affected landowners:

R-88574

10. WITHIN A DISTRICT

This section is Not Applicable to this permit application.

☐ Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name Not Applicable	Address	
City	State	Zip

11. MAP REQUIREMENTS The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section and quarter/quarter section of the proposed reservoir location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

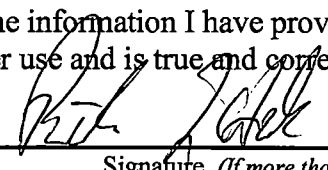
See attached application map.

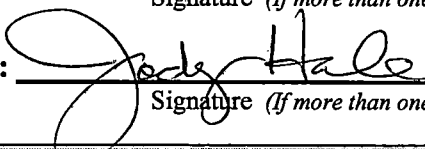
12. SIGNATURE

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

I certify that the information I have provided in this application is an accurate representation of the proposed water use and is true and correct to the best of my knowledge:

Applicant:  4/10/18
Signature (If more than one applicant, all must sign.) Date

Applicant:  4/10/18
Signature (If more than one applicant, all must sign.) Date

Before you submit your application be sure to: • Answer each question completely. • Attach a legible map that includes township, range, section, quarter/quarter and tax lot. • Include a Land Use Information Form or receipt stub signed by a local official. • Include the legal description of all the property involved with this application. You may include a copy of your deed land sales contract or title insurance policy to meet this requirement. • Include a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.	RECEIVED APR 12 2018 OWRD
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Until a change is requested all tax statements
should be sent to the following address:
RICK HALE & JOHANNA HALE
73426 HWY 207
ECHO, OR 97826

After Recording Please Return to:
MID-COLUMBIA TITLE COMPANY
P.O. BOX 290
BOARDMAN, OR 97818

WHEELER COUNTY, OREGON 2011-0006
D-WD
Cnt=1 Pgs=2 TERESAG 01/04/2011 02:31:23 PM
\$10.00 \$11.00 \$15.00 \$10.00 Total:\$46.00



00000984201100000060020021

I, Barbara S. Siltton, County Clerk for Wheeler County,
Oregon certify that the instrument identified herein was
recorded in the Clerk records

Barbara S. Siltton - County Clerk

STATUTORY WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS THAT, STEVEN E. SHERRELL, Grantor herein, does hereby grant, bargain, sell and convey unto RICK HALE AND JOHANNA HALE, husband and wife, as tenants by the entirety, Grantees, the following described tract of land in the County of Wheeler, and State of Oregon, more particularly described as follows:

FOR LEGAL DESCRIPTION SEE EXHIBIT "A" ATTACHED HERETO.

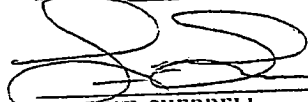
TO HAVE AND TO HOLD the granted premises unto the said Grantees, its heirs and assigns forever.

And the Grantors do covenant that they are lawfully seized in fee simple of the above granted premises free from all encumbrances except all those items of record, if any, as of the date of this deed and those shown below, if any, and that they will, and their successors heirs executors and administrators shall Warrant and forever defend the granted premises, against the lawful claims and demands of all persons, except as stated below: For encumbrances see Exhibit "A" attached hereto--

THE TRUE AND ACTUAL CONSIDERATION IS \$775,000.00.

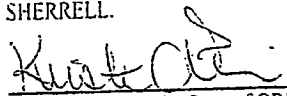
BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009.

Dated this 3 day of January, 2011


STEVEN E. SHERRELL

STATE OF OREGON
COUNTY OF UMATILLA

This instrument was acknowledged before me this 3 day of January, 2011 by STEVEN E. SHERRELL.


Notary Public for the State of OREGON
My Commission Expires: JUNE 7, 2014



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R-88574

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

NOTE TO APPLICANTS

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Original in Ground Water App.

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant(s): Rick and Jody Hale

Mailing Address: 73426 Hwy 207

City: Echo

State: OR

Zip Code: 97826

Daytime Phone: 1 541 571 3669

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
T6S	R24E	09	NESE	400	EFU	☒ Diverted	☒ Conveyed	☐ Used	EFU
T6S	R24E	09	NWSE	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	09	SWSE	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	09	SESE	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	09	SENW	400	EFU	☐ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	15	NWNW	400	EFU	☒ Diverted	☒ Conveyed	☐ Used	EFU
T6S	R24E	16	NENE	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	16	NWNE	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	16	SWNE	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	16	NENW	400	EFU	☒ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	16	NWNW	400	EFU	☐ Diverted	☒ Conveyed	☒ Used	EFU
T6S	R24E	16	SENW	400	EFU	☐ Diverted	☒ Conveyed	☒ Used	EFU

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Wheeler

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For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): WCZO 3.1(3)a, c

☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: N. Lynn Morley Title: Wheeler County Judge

Signature: N. Lynn Morley Phone: 541-763-3460 Date: 4-2-18

Government Entity: Wheeler County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

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DGV Consulting, PLLC

2141 South Lyle, Kennewick, WA 99337

April 4, 2018

1084.001

Oregon Water Resources Dept.
725 Summer Street NE, Suite A
Salem Oregon 97301-1271

Re: Rick Hale GW Permit Application and Application to Store Water in a Reservoir

To Whom it may concern:

I am assisting Rick Hale with preparation of documents associated with two permit applications. One is an Application for a Permit to Use Ground Water and the other is an Application for a Permit to Store Water in a Reservoir. Both permit applications are associated with existing reservoirs located on property in Wheeler County Oregon. The reservoirs are in Sections 9 and 16, T6S, R24E, W.M. The applicant is currently storing water in these reservoirs under certificates 70248 and 70285, as well as limited license LL- 1683. The applications are being submitted to satisfy Condition 9 of the limited license.

Certificates 70248 and 70285 allow for storage of water that fills a portion of the total storage capacity of the reservoirs. The new permit applications are, in part, for public ground water, and public surface water when it is available to be used to fill and maintain water in the existing reservoirs. The applications are for the total storage capacity of the reservoirs and are requested to be in addition to or stacked on the existing storage rights which will allow for more than one-time fill in the same season. The ground water permit application also involves an irrigation component.

The documents included with this letter are:

Application for a Permit to Use Ground Water
Permit Application Map for Use of Ground Water
Land Use Form
Copy of Deed
Check in the amount of \$5236.80 for the permit application and recording fee.

Minimum Requirements Checklist
Application for a Permit to Store Water in a Reservoir (Standard Review) (Multiple Reservoirs)
Application Map
Land Use Form
Copy of Deed
Check in the amount of \$2597.60 for the permit application and recording fee.

Sincerely,
DGV Consulting, PLLC



Dale VanSchoiack, P.E., CWRE
Consulting Engineer

Cc Rick Hale, Dave Filippi, OWRD LL-1683 file

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Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.140)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

- | | |
|---|---|
| ☒ SECTION 1: applicant information | ☒ SECTION 7: the amount of water to be stored |
| ☒ SECTION 2: source of water | ☒ SECTION 8: project schedule |
| ☒ SECTION 3: dam height and composition | ☒ SECTION 9: property ownership |
| ☒ SECTION 4: primary outlet works | ☒ SECTION 10: within a district |
| ☒ SECTION 5: emergency spillway | ☒ SECTION 11: map requirements |
| ☒ SECTION 6: the use of the impounded water | ☒ SECTION 12: signature |

Attachments:

-
- ☒ Land Use Information Form with approval and signature (*must be an original*) or signed receipt
 - ☒ Provide the legal description of: (1) the property on which the water is to stored, and (2) any property crossed by the proposed ditch, canal or other work
 - ☒ Fees - Amount enclosed: \$ 2597.60
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
 - ☒ Preliminary plans and specifications including dam height, width, crest width and surface area for each reservoir

Provide a map and check that each of the following items is included:

-
- ☒ Map must be prepared by Certified Water Rights Examiner
 - ☒ Permanent quality and drawn in ink
 - ☒ Even map scale not less than 4" = 1 mile (examples: 1" = 400 ft, 1" = 1320 ft.)
 - ☒ North Directional Symbol
 - ☒ Township, Range, Section, Quarter/Quarter, Tax Lots
 - ☒ Reference public-land survey corner on map
 - ☒ Location of each dam if applicable, by reference to a recognized public-land survey corner (distances north/south and east/west)
 - ☒ ~~NA~~ Indicate the area of use by Quarter/Quarter and tax lot identified clearly
 - ☒ ~~NA~~ Number of acres per Quarter/Quarter and hachuring to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
 - ☒ Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
 - ☒ Other See accompanying application for Groundwater

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***Please note a secondary application is necessary if there will be out-of-reservoir uses associated with this application.**



Oregon Water Resources Department

Permit to Appropriate Surface Water for Storage -Standard Reservoir Application

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Today's Date: Friday, April 13, 2018

Base Application Fee.		\$930.00
Number of acre feet to be diverted for Storage.	42.16	\$727.60
Number of reservoirs.	4	\$420.00
Permit Recording Fee. ***		\$520.00
*** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.		Recalculate
Estimated cost of Permit Application		\$2,597.60

OWRD Fee Schedule

Fee Calculator Version: B20170117

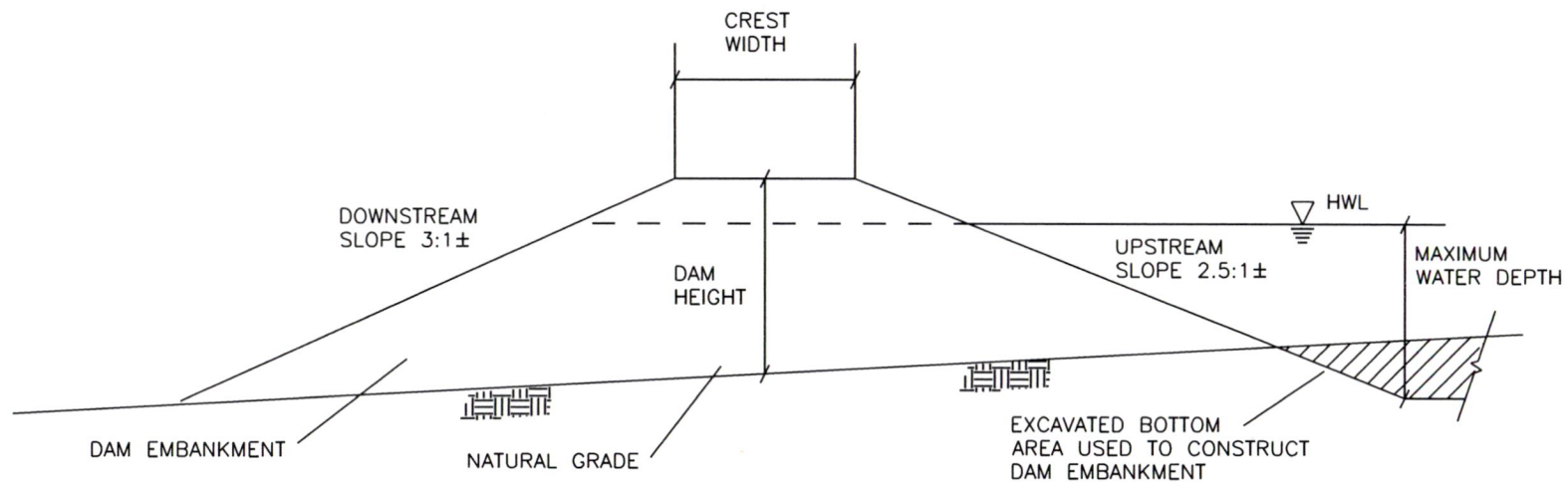
Application for a Permit to Store Water in a Reservoir
Applicant: Rick and Jody Hale

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Exhibit A.
Attachment to:
Section 3. Dam Height and Composition



TYPICAL CROSS SECTION THROUGH DAMS

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R88874