



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

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

Alternate Review Process (ORS 537.409): You may use this form for any reservoir storing less than 9.2 acre-feet or with a dam less than 10 feet high.

Use a separate form for each reservoir

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply, insert "n/a". 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

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Applicant: Round Lake, LLC Attn: Jack Zalaha JUN 04 2013

Mailing Address: 46 Villageway PMB 182 WATER RESOURCES DEPT

Port Ludlow WA 98365 SALEM, OREGON

City State Zip

Phone: _____
 Home Work Other

360-896-2114

Fax: _____ E-Mail Address*: zalaha1@ix.netcom.com

* 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.)

2. AGENT INFORMATION

The agent is authorized to represent the applicant in all matters relating to this application.

Agent: Graham Peters, Biologist

First Last

Mailing Address: 17800 SE Mill Plain Blvd. Ste. 120

Vancouver WA 98683

City State Zip

Phone: _____
 Home Work Other

360-885-2011 503-949-5851

Fax: 360-885-2088 E-Mail Address*: gpeters@ducks.org

* 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.)

3. LOCATION AND SOURCE

A. Reservoir Name: Scappoose marsh 2

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: Precipitation Tributary to: unnamed ditch

C. County in which diversion occurs: Columbia

App. No. <u>R-87904</u>	For Department Use	Date _____
Permit No. _____		

D. Reservoir Location

Township (N or S)	Range (E or W)	Section	quarter/quarter	tax lot number
3N	1W	18	NW/SW	3118 1600

E. Dam: Maximum height of dam: 3 feet. If excavated, write "zero feet".

F. Quantity: Amount of water to be stored in the reservoir at maximum capacity. List volume in acre-feet: 3

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

4. WATER USE

Indicate the proposed use(s) of the stored water. **NOTE: You may wish to consider filing for "Multipurpose use" for your reservoir. Multipurpose use does not limit the types of future uses for the stored water. Multipurpose covers all uses including: stockwater, fish and wildlife, aesthetics, domestic, irrigation, agriculture, fire protection and pollution abatement.** If any use will be out of reservoir use, regardless of the type of storage listed, a secondary application must be filed to appropriate the stored water.

Wetland restoration, wildlife habitat, and recreational waterfowl hunting.

5. PROPERTY OWNERSHIP

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Please provide a copy of the recorded deed(s).

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

Yes (please check appropriate box below then skip to section 5)

There are no encumbrances

This land is encumbered by easements, right of way, roads of way, roads or other encumbrances

No (Please check the appropriate box below)

I have a recorded easement or written authorization permitting access.

I do not currently have written authorization or 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 irrigated and/or domestic use only (ORS 274.040).

(Do not check this box if you described your use as "Multipurpose" in #3 above.)

List the names and mailing addresses of all affected landowners:

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6. ENVIRONMENTAL IMPACT

- A. Channel:** Is the reservoir: in-stream or off channel?
- B. Wetland:** Is the project in a wetland? Yes No Don't know
- C. Existing:** Is this an existing reservoir? Yes No
If yes, how long has it been in place? _____ years.
- D. Fish Habitat:** Is there fish habitat upstream of the proposed structure? Yes No Don't know
If yes, how much? _____ miles.
- E. Partnerships:** Have you been working with other agencies? Yes No
Indicate agency, staff and phone numbers of those involved. Also indicate any agencies that are cost sharing in this project.

7. WITHIN A DISTRICT

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 Scappoose Drainage Improvement Co.	Address 53466 E. Honeyman Rd.	
City Scappoose	State OR	Zip 97056

8. DESCRIPTION

Provide a description of the design and operation of the proposed diversion, including a description of how live flow will be passed outside the authorized storage season. Use this space for narrative. You may also provide narrative and sketches on separate pages.

Scappoose marsh 1 is 9 acre palustrine emergent wetland restoration project. We propose to prepare the site by mowing, applying herbicide, an disking the monoculture of reed canary-grass to control the invasive species and promote native plant community diversity. We will plug a lateral drainage ditch, install a water control structure, and excavate a swale through the wetland for positive drainage and microtopography. We anticipate maximum water depths of 18" controlled by a 2-3 ft tall water control structure. The reservoir will store water from precipitation only therefore the structure will remain open and no live flow will be present outside the authorized storage season. The landowners will begin a gradual drawdown beginning in late May and it may take up to 2-3 weeks to completely discharge water. However, depending on annual climatic variability, the wetland may dry via evaporation alone. Our intent is to mimic the historic hydroperiod of the Columbia River and associated floodplain wetlands with the water control structure. The wetland dry out very slowly to maintain high moisture content and soil temp to encourage germination by native emergent wetland plants.

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WATERMASTER ALTERNATE RESERVOIR APPLICATION REVIEW SHEET

Recommendations for Water Right Applications under the Alternate Reservoir review process (ORS 537.409)

In lieu of the water right application process set forth in ORS 537.140 to 537.211, an owner of a reservoir may submit an alternate reservoir application for a reservoir that has a storage capacity less than 9.2 acre-feet or a dam or impoundment structure less than 10 feet in height. ORS 537.409 describes the criteria used to evaluate alternate reservoir applications.

The review shall be limited to issues pertaining to: a) water availability, b) potential detrimental impact to existing fishery resources; and c) potential injury to existing water rights. (ORS 537.409 (6))

Within 60 days after the department provides public notice...any person may submit detailed, legally obtained information in writing, requesting the department to deny the application for a permit on the basis that the reservoir: (a) Would result in injury to an existing water right; or (b) Would pose a significant detrimental impact to existing fishery resources. (ORS 537.409 (5))

The review of alternate reservoirs is limited to these criteria only.

Application #: R-

Applicant's Name: Round Lake (Swampish Marsh #2)

1) Does the proposed reservoir have the potential to injure existing water rights? NO YES

Explain:

2) Can conditions be applied to mitigate the potential injury to existing water rights? NO YES

If YES, which conditions are recommended:

Storage season of 10/1 - 5/31

3) Did you meet with staff from another agency to discuss this application? NO YES

Who:

Agency:

Date:

Who:

Agency:

Date:

Watermaster signature:



Date: 5-31-13

WRD Contact:

Caseworker:

Water Rights Division, 503-986-0900 / Fax 503-986-0901

NOTE: This completed form must be returned to the applicant

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SALEM, OREGON

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SURFACE WATER AVAILABILITY REPORT

Application

Round Lake (Scappoose Marsh 1 and 2)

A WAB does not exist for the POD location proposed by the attached application. Please make a determination of surface water availability by answering the questions below. If the source is a well, it has been determined to have the potential for substantial interference with surface water, therefore surface water availability must be considered.

1. Based on your observations, is there enough water available to satisfy the proposed use plus the consumption portion of all relevant rights of record at an 80 percent exceedance probability during the full season requested?

Yes _____ No _____ Don't know X

2. If a permit is issued, what conditions would you recommend from the following list?

b51a The period of use has been limited to 10/1 through 5/31.

b57 Before water use may begin under this permit, a totalizing flow meter must be installed at each diversion point. The totalizing flow meter must be installed and maintained as identified in OAR 690-507-645.

b58 Before water use may begin under this permit, a staff gage that measures the entire range and stage between full reservoir level and pool storage must be installed in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I. Additionally, before water use may begin under this permit, if the reservoir is located in channel then weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, a gated valve outlet must be installed. A written waiver may be obtained from the local Watermaster if in his judgement the installation of the weir(s) will provide no public benefit.

blv Water must be diverted to a trough or tank through an enclosed water delivery system. The delivery system must be equipped with an automatic shutoff or limiting flow control mechanism or include a means for returning water to the stream source through an enclosed delivery system. The use of water shall not exceed 0.10 cubic feet per second per 1000 head of livestock.

3. Comments The source is precipitation only.

Signature



Date 5-31-13

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ODFW Alternate Reservoir Application Review Sheet

This portion to be completed by the applicant:

Applicant Name/Address/Phone/Email: Round Lake, LLC

46 Villageway PMB 182 Port Ludlow, WA 98365

Reservoir Name: Scappoose Marsh 2 Source: Precipitation Volume (AF): 3

Twp Rng Sec QQ: 3N, 1W, 51b, NW/SW Basin Name: _____ in-channel
 off-channel

Note: It is unlikely that ODFW will be able to complete this form while you wait, nevertheless we recommend making an appointment to submit the form so as to provide any necessary clarifications. See pg. 6 of Instructions for contact information.

This portion to be completed by Oregon Department of Fish and Wildlife (ODFW) District staff:

1) Is the proposed project and AO¹ off channel? YES NO
 (if yes then proceed to #4; if no then proceed to #2)

2) Is the proposed project or AO located where NMF² are or were historically present?..... YES NO
 (if yes then proceed to #3; if no then proceed to #4)

- 3) If NMF are or were historically present:
- a. Is there an ODFW-approved fish-passage plan?..... YES NO
 - b. Is there an ODFW-approved fish-passage waiver or exemption?..... YES NO

If fish passage is required under ORS 509.580 through .910, then either 3(a) or 3(b) must be "Yes" to move forward with the application. If responses to 3(a) and 3(b) are "No", then the proposed reservoir does not meet the requirements of Oregon Fish Passage Law and shall not be constructed as proposed.

4) Would the proposed project pose any other significant detrimental impact to an existing fishery resource locally or downstream?..... YES NO
 Explain below (for example, list STE species or other existing fishery resources that would be impacted negatively.)

Any diversion or appropriation of water for storage during the period _____ through _____ poses a significant detrimental impact to existing fishery resources. (For example, if diversion of water for storage during a certain time period would cause a significant detrimental impact to an existing fishery resource, then ODFW should recommend conditions or limitations.) If NMF fish are present at the project site or point of water diversion then the applicant should be advised that a fish screen consistent with screening criteria will be required.

This proposed pond or reservoir contemplates impounding water in the Columbia Basin above Bonneville Dam. ODFW has determined that additional diversions of water in this area pose a significant detrimental impact to existing fishery resources during the period April 15 through September 30.

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¹ AO = Artificial Obstruction means any dam, diversion, culvert or other human-made device placed in waters of this state that precludes or prevents the migration of native migratory fish. ORS 509.580 (1)

² NMF = Native Migratory Fish Species in Oregon as defined by OAR 635 - 412 - 0005 (32)

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Lined area for handwritten notes or responses.

If YES, can conditions be applied to mitigate the significant detrimental impact to an existing fishery resource?
 NO (explain) YES (select from Menu of Conditions on next page)

Lined area for handwritten notes or responses.

ODFW Signature: Ben Walczak Print Name: Ben Walczak

ODFW Title: Assistant District Fish Biologist Date: 05/23/13

NOTE: This completed form must be returned to the applicant.

Revised 10/4/12

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Use this menu to identify appropriate conditions to be included in the permit, and indicate the abbreviations on the review form:

fishpass: As required by ORS 509.585, a person owning or operating an artificial obstruction (AO) may not construct or maintain any AO across any waters of this state that are inhabited, or historically inhabited, by native migratory fish (NMF) without providing passage for NMF. A person owning or operating an AO shall, prior to construction, fundamental change in permit status or abandonment of the AO in any waters of this state, obtain a determination from ODFW as to whether NMF are or historically have been present in the waters. If ODFW determines that NMF are or historically have been present in the waters, the person owning or operating the AO shall either submit a proposal for fish passage to ODFW or apply for a waiver or exemption. Approval of the proposed fish-passage facility, waiver, or exemption must be obtained from the department prior to construction, permit modification or abandonment of the AO. Approved fish-passage plans, waivers, and exemptions shall maintain adequate passage of NMF at all times (ORS 509.601) as per the approved plan, waiver or exemption.

fishself: The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional prior to diversion of any water. Permittee shall obtain written approval from ODFW that the installation of the required screen and by-pass devices meets the state's criteria or the permittee shall submit documentation that ODFW has determined screens and/or by-pass devices are not necessary.

fishapprove: The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.

fishdiv33: If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.

fishmay: Notwithstanding that ODFW has made a determination that fish screens and/or by-pass devices are not necessary at the time of permit issuance, the permittee may be required in the future to install, maintain, and operate fish screening and by-pass devices to prevent fish from entering the proposed diversion and to provide adequate upstream and downstream passage for fish.

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b52 Water may be diverted only when Department of Environmental Quality sediment standards are being met.

b5 The water user shall install and maintain adequate treatment facilities meeting current DEQ requirements to remove sediment before returning the water to the stream.

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b51a The period of use has been limited to _____ through _____.

b57 Before water use may begin under this permit, a totalizing flow meter must be installed at each diversion point.

b58 Before water use may begin under this permit, a staff gage that measures the entire range and stage between full reservoir level and dead-pool storage must be installed in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I.

futile call: The use of water allowed herein may be made only at times when waters from the (NAME OF SURFACE WATER) would not otherwise flow into a tributary of the _____ River or sufficient water is available to satisfy all prior rights, including rights for maintaining instream flows.

riparian: If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

wq: The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

fence: The stream and its adjacent riparian area shall be fenced to exclude livestock.

blv: Water must be diverted to a trough or tank through an enclosed water delivery system. The delivery system must be equipped with an automatic shutoff or limiting flow control mechanism or include a means for returning water to the stream source through an enclosed delivery system. The use of water shall not exceed 0.10 cubic feet per second per 1000 head of livestock.

R-87904

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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WATER RESOURCES DEPT
SALEM, OREGON

R-87804

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: Round Lake, LLC Attn: Jack Zalaha
First Last

Mailing Address: 46 Villageway PMB 182
Port Ludlow WA 98365 Daytime Phone: 360-896-2114
City State Zip

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	¼¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
3N	1W	18	NW/8W	3118 1600		<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	Wetland restoration
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	

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

Columbia County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
- Limited Water Use License
- Water Right Transfer
- Allocation of Conserved Water
- Permit Amendment or Ground Water Registration Modification
- Exchange of Water

Source of water: Reservoir/Pond Ground Water Surface Water (name) ✓ Precipitation

Estimated quantity of water needed: _____ cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for _____ household(s)
 Municipal Quasi-Municipal Instream Other Wetlands, wildlife

Briefly describe:

Store precipitation for wetland restoration & wildlife habitat. Restore hydrology through removing artificial drainage via grading low berms, plugging ditch, & installing a water control structure.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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R-8704



PACIFIC NW FIELD OFFICE
17800 SE Mill Plain Blvd
Suite 120
Vancouver, WA 98683
(360) 885-2011 fax (360) 885-2088
www.ducks.org

Mr. Joel Plahn
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301

RE: Scappoose Marsh 1 and 2, US-OR-113-2

Monday, June 3, 2013

Dear Mr. Plahn,

Ducks Unlimited is submitting two alternative review applications for permits to store water in a reservoir as part of a 11 acre palustrine emergent wetland restoration project in the Scappoose lowlands in Columbia County, OR. The project is funded by the North American Wetlands Conservation Act (F10AP00700) and intends to restore a nationally and regionally declining wetland type for the benefit of wildlife, ecological function, and people. Ducks Unlimited has recently submitted permits for section 106 National Historic Preservation Act and copies will be provided upon receipt. We have also submitted a biological assessment for section 7 compliance to the USFWS Portland district and it is pending approval. We have also submitted a joint application to the USACE and will be submitting a general authorization application to the OR Department of State Lands in the next week. Enclosed please find two complete alternate review applications that include a signed watermaster review sheet, surface water availability report, ODFW review sheet, and a land use form along with two 4 page plan sets, the recorded deed, and checks for \$1050 and \$775 for Scappoose Marsh 1 and 2 respectively. Please let me know if you need any additional information or have questions. We thank you for your assistance with this matter.

Sincerely,

Graham Peters

Regional Biologist
Ducks Unlimited, Inc.
17800 SE Mill Plain Blvd. Ste 120
Vancouver, WA 98683
Office: 360-885-2011
Cell: 503-949-5851

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