



Application for a Surface Reservoir Permit

Form No. ECY 040-1-60 (Rev 8-2022)

- Schedule a pre-application meeting before you apply.
- Refer to accompanying guidance to complete this form.
- Incomplete applications will be returned.
- All fees are non-refundable (RCW 90.03.470(13)).

Processing option you are choosing:

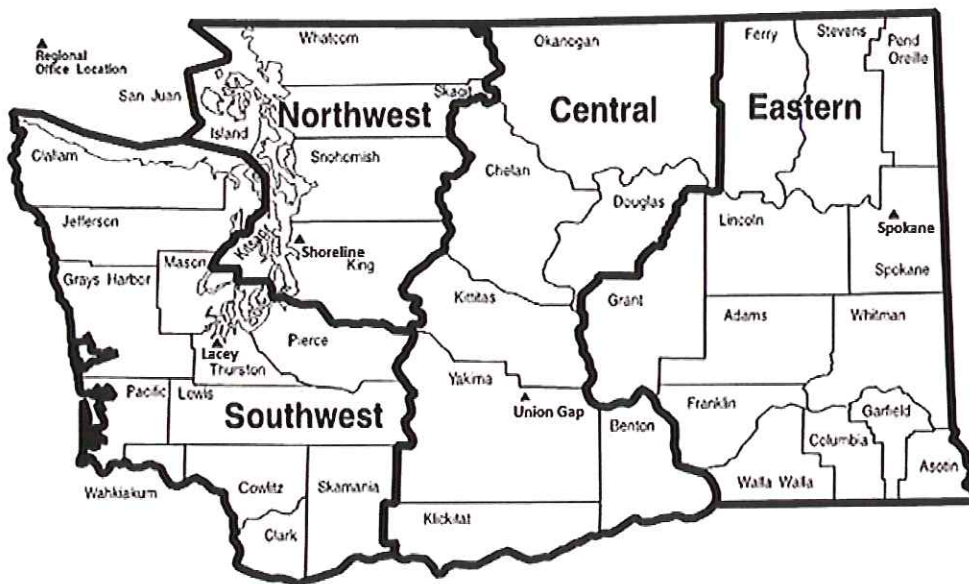
- Standard Processing (Department of Ecology).** A minimum \$50 fee is required to apply. Additional fees may apply.
- Cost Reimbursement Processing (Ecology approved contractor).** Contact Department of Ecology to obtain information on this option.

Submit all applications and fees to:

DEPARTMENT OF ECOLOGY
 CASHIERING SECTION
 PO BOX 47611
 OLYMPIA, WA 98504-7611

Check the box for the region/office where your project is located.

- Central Region
- Eastern Region
- Northwest Region
- Office of Columbia River (OCR)*
- Southwest Region



Department of Ecology

APR 25 2023

Water Resources Program

* OCR has jurisdiction for designated OCR projects, and new projects located within one mile of the Columbia River.

To request ADA accommodation including materials in a format for the visually impaired, call Ecology Water Resources Program at 360-407-6872. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TTY at 877-833-6341.



WATER RESOURCES PROGRAM

**Application for a
Surface Reservoir Permit**

For Ecology Use
 (Date Stamp)
 Department of Ecology
 APR 25 2023
 Water Resources Program
 23 APR 21 18:47

Date of pre-application consultation:
11/15/2022

Name of Ecology contact for pre-application:
Brittany Duarte

Required submittals:

- A \$50 filing fee. For cost reimbursement applications, refer to instructions.
- A map showing the proposed reservoir location, any associated points of diversion/withdrawal and any associated place(s) of use.
- If platted property, a complete copy of the plat map.
- A copy of the legal description of property where the reservoir is located (taken from a real estate contract, property deed, or title insurance policy).

1. Applicant Information

Applicant/business name: Bob Scarsella / Western Sand & Gravel, LLC.		Phone no: 206-741-3612	Other no:
Address: PO Box 68847			
City: Seattle		State: WA	Zip: 98168-0697
Email address (if available): Logan Davidson: logand@wsandg.us			

Contact name (if different from above): Sue Cook, RH2 Engineering, Inc.		Phone no: 425-223-4307	Other no: 206-370-9077
Relationship to applicant: Consultant			
Address: 22722 29th Dr SE, Suite 210			
City: Bothell		State: WA	Zip: 98021
Email address (if available): scook@rh2.com			

FOR ECOLOGY USE	ECY CODING: 001-001-0285-000011		
	APPLICATION NO: _____	DOC ID NO. _____	SEPA: EXEMPT/NOT EXEMPT _____
	FEE PAID: _____	CHECK NO: _____	
DATE RETURNED _____ BY _____ PRIORITY DATE _____ BY _____ WRIA: _____			
PRE-APPLICATION INTERVIEWER: _____			

2.-Reservoir Storage and Capacity

Provide cross-sections and plans for the impoundment. Demonstrate how the volume and depth were calculated, in acre-feet (volume) and feet (depth).

Project name: Reiter Pit Storage Pond	Dam name (if applicable): NA File number: NA
Maximum reservoir capacity for a new reservoir project: Volume 50 Acre-feet depth up to 20 feet	Maximum storage capacity for a project that increases existing storage: <u>Existing capacity:</u> volume NA depth NA <u>Proposed additional storage:</u> volume NA depth NA

3. Water Right Information

List all water rights related to the storage or beneficial use of water from this reservoir. If related permit applications are pending, provide application numbers. Attach additional sheets as needed.

Water right or claim number: Jointly-filed New Application	Recorded name(s): Western Sand & Gravel, LLC	
Has the water been used as described on your water right document in the last five (5) years? NA New application <input type="checkbox"/> yes <input type="checkbox"/> no		
Water right owner: Western Sand & Gravel, LLC	Phone no. 206-741-3612	Alt phone no.
Address: PO Box 68847		
City: Seattle	State: WA	Zip code: 98168-0697
Email address (if available): logand@wsandg.us		

Water right summary

Water Right Number	Rate (CFS) Additive	Rate (CFS) Non-Additive	Volume (AFY) Additive	Volume (AFY) Non-Additive	Irrigated Acres Additive	Irrigated Acres Non-Additive
Jointly-filed New Application	2.67	--	290	--	NA	--
Subtotal	2.67	--	290	--	--	--
Proposed Total	2.67	--	290	--	--	--

Department of Ecology

APR 25 2023

Water Resources Program

APR 25 2023

4. Proposed Reservoir Location

						Water Resources Program
QTR QTR	QTR	Sec	Twp	Rge	County	Parcel no.
NE	SE	10	27N	09E	Snohomish	27091000100400

Lat/long of impoundment structure: Proposed center: 47.8409, -121.6290
Description of inundated lands where the proposed reservoir will be located: Cleared, graded sand and gravel pit
Do you own this property? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If no, have you secured authorization for the lands to be inundated? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Are any of lands to be inundated owned by the state of washington? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, has the state department of natural resources granted overflow rights? <input type="checkbox"/> yes <input type="checkbox"/> no

Legal landowner of proposed place of use (if different than applicant): Terra Company, LLC	Phone no.: 253-872-7173	Other phone no.:
Address: 8404 S 196th Street		
City: Kent	State: WA	Zip code: 98031
Email address (if available): accounting@scarsellabros.com		

5. Proposed Point(s) of Diversion and/or Withdrawal used to fill the Reservoir

Identify the source name, facility name, and location information for each point of diversion or withdrawal on accompanying plats or maps. Identify the proposed point(s) of diversion and/or withdrawal associated with your proposed project on attached maps.

For in-channel projects, indicate whether the project will be operated as run-of-the-river (inflow=outflow) after the initial fill: NA
Type and capacity of diversion or withdrawal works, if water would be diverted or withdrawn to fill the reservoir: The proposed diversion includes a pump platform with an approximate 60 horsepower (HP) centrifugal pump using approximate 8-inch intake screen(s) and piping and 6-inch distribution piping to reservoir. See Section 8.2 of Supporting Document for Application for a New Water Right Permit.
Months of year the reservoir will be filled: All months of the year, subject to the minimum instream flow rule (WAC 173-507-020(2)). Number of times the reservoir will be filled: The Reiter Pit storage pond will be topped off continuously throughout the year, subject to the minimum instream flow rule, for a maximum annual volume of 290 acre-feet per year as requested in the associated Application for New Water Right Permit. See Section 2.4 of Supporting Document for Application for a New Water Right Permit.

APR 25 2023

Proposed points of diversion or withdrawal.

Water Resources Program

Surface water source: Skykomish River	QTR QTR	QTR QTR	Sec Sec	Twp Twp	Rge Rge	Latitude Latitude	Longitude Longitude
Skykomish River Diversion	N½	SE¼	10	27N	09E	47.8406	-121.6326
Groundwater source: NA	QTR QTR	QTR QTR	Sec Sec	Twp Twp	Rge Rge	Latitude Latitude	Longitude Longitude
--	--	--	--	--	--	--	--

Describe how you propose to convey water from the source to the reservoir:

The proposed diversion includes a pump platform with an approximate 60 horsepower (HP) centrifugal pump using approximate 8-inch intake screen(s) and piping, and 6-inch distribution piping to reservoir. See Section 8.2 of Supporting Document for Application for a New Water Right Permit.

6. Project Description

See associated Application for New Water Right Permit and Supporting Documents for Application for a New Water Right Permit.

Section	Required information
6.1	Describe your project, including any new uses, or changes to existing uses. Refer to Section 2 of the associated Supporting Documents for Application for a New Water Right Permit.
6.2	Provide a timeline for your development schedule. Refer to Section 8.5 of the associated Supporting Documents for Application for a New Water Right Permit.
6.3	Provide documentation of any third-party mitigation agreements. NA
6.4	Describe the length of bypass reach (if any). NA
6.5	Describe how you plan to maintain instream flows below impoundment. Refer to Section 2.4 of the associated Supporting Documents for Application for a New Water Right Permit
6.6	Describe the ramping rates during initial fill and during periods of refill. NA
6.7	Describe plans for development and related water uses around the reservoir. Refer to Section 2 and Section 3 of the associated Supporting Documents for Application for a New Water Right Permit.
6.8	Provide documentation of other required permits (local, state, and federal). See associated Application for New Water Right Permit and Supporting Documents for Application for a New Water Right Permit.

Project Considerations

Section	Required information	Reference(s)
6.9	<p>If your project qualifies for <u>expedited processing</u>, describe which of the following conditions are met: NA</p> <ul style="list-style-type: none"> • Development of storage facilities that will not require a new water right for use of the stored water • Adding or changing one or more purposes of use of stored water • Adding to the storage capacity of an existing storage facility • Applications for secondary permits to secure use from existing storage facilities (application for secondary permit required) 	RCW 90.03.370(1)(b)
6.10	<p>If your project is proposed for <u>consideration as a resource management technique</u>, describe: NA</p> <ul style="list-style-type: none"> • The benefits and costs, including environmental effects • Whether the project will recharge groundwater • Whether the impoundment will offset the impact of a proposed surface water diversion 	RCW 90.03.255
6.11	<p><u>For hydroelectric projects</u>, provide the following: NA</p> <ul style="list-style-type: none"> • FERC project number • Maximum Pool Elevation (feet above mean sea level) • Generator Elevation (feet above mean sea level) • Maximum head used for generation (the difference, in vertical feet, between the elevation of maximum pool elevation and the generating units) • Maximum capacity of Generator Units (CFS) 	RCW 90.16.060 16 U.S. Code § 817
6.12	<p><u>Certain projects require a dam construction permit</u>. If your reservoir can impound ten or more acre-feet of water above natural ground level as measured at the dam crest elevation, you may be required to apply for a <u>Dam Construction Permit</u>. Indicate whether you have, or intend to apply, for a dam construction permit. NA</p>	RCW 90.03.350 RCW 90.16.060

Department of Ecology

APR 25 2023

Water Resources Program

APR 25 2023

Water Resources Program

7. Environmental Assessment

See attached Application for New Water Right Permit and Supporting Documents for Application for a New Water Right Permit.

Section	Required information	Reference(s)
7.1	Describe the aquatic uses of any related surface water bodies (i.e., fish and wildlife, recreation and aesthetic, water quality, etc.). Refer to Section 10.1 of Supporting Documents for Application for a New Water Right Permit.	RCW 90.54.020
7.2	Indicate whether the related surface water is fish-bearing, including whether it is inhabited by salmonids. List species and the times of year they are present. Refer to Salmonscape at https://apps.wdfw.wa.gov/salmonscape/ Refer to Section 10.2 of Supporting Documents for Application for a New Water Right Permit.	RCW 90.54.020
7.3	A copy of SEPA Threshold Determination. See Appendix A of Supporting Documents for Application for a New Water Right Permit which includes a SEPA Checklist for Application for New Water Right Permit and the Determination of Nonsignificance for the Reiter Pit.	RCW 43.21C WAC 173-802

8. Maps and Other Documentation

Section	Required information	Reference(s)
8.1	A map of the proposed reservoir and all associated points of diversion and/or withdrawal, and the associated place(s) of use. See Figure 8.1 below.	RCW 90.03.260
8.2	A copy of the legal description of property where the reservoir is located (taken from a real estate contract, property deed, or title insurance policy). SEC 10 TWP 27 RGE 09S1/2 SE1/4 NW1/4 TGW S1/2 S1/2 NE1/4 & TGW ALL TH PTN GOVT LOTS 1,2 & 3 LY NLY OF A LN DRAWN PLW & 50FT NLY OF AS MEAS AT R/A & RAD TO BNRR COS (FORMER GNRR) MAIN TR C/L AS LOC & CONST 12-16-88	
8.3	If platted property, a complete copy of the plat map. NA	
8.4	The site address and detailed driving instructions to the project site. 44420 Reiter Road, Gold Bar, WA. From Gold Bar, WA take Highway 2 east 1.9 miles to Reiter Road, turn left onto Reiter Road and travel east 1.6 miles to 44420 Reiter Road.	
8.5	Cross-sections and plans for the reservoir to demonstrate how the volume and depth were calculated. See Figure 8.2 below.	

Figure 8.1

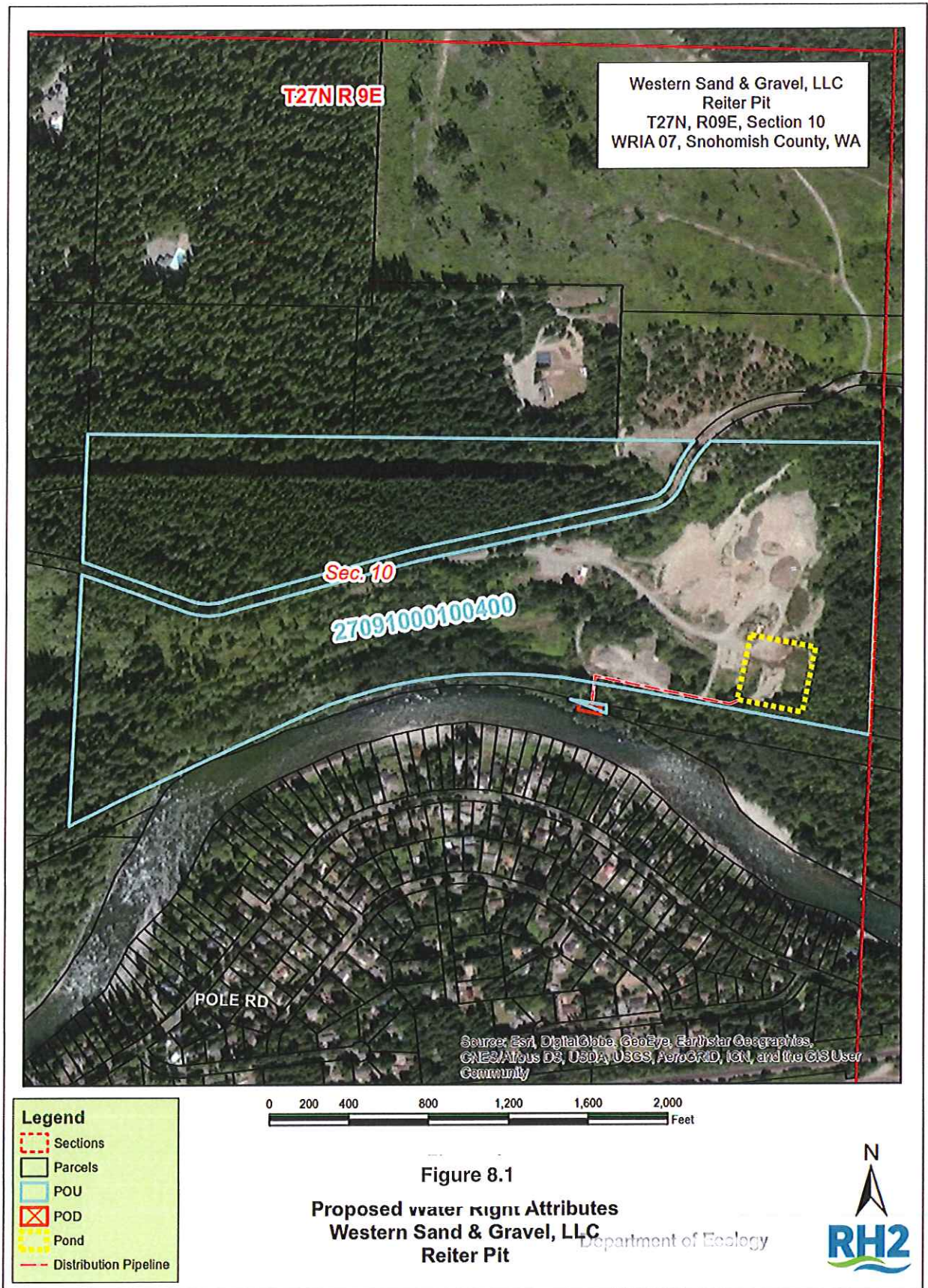
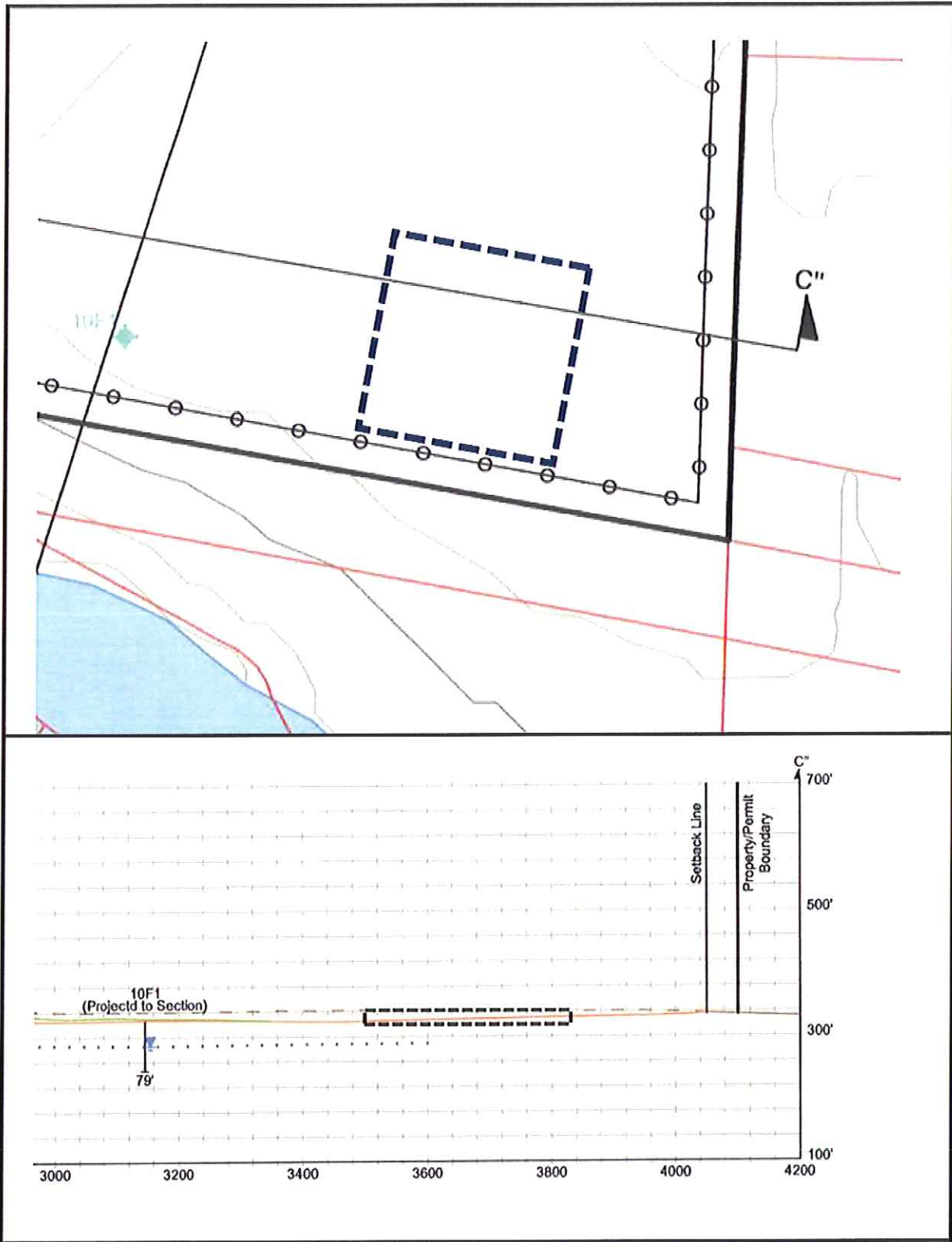


Figure 8.2



Water Resources Program

APR 25 2023

Department of Ecology

The top of **Figure 8.2** shows the southeast portion of the subject parcel and the proposed approximate size and location of the storage pond (dashed rectangle) in plan view. The bottom of **Figure 8.2** shows the same portion of the site in cross section. The proposed storage pond is approximately 330 feet by 330 feet by 20 feet deep for approximately 50 acre-feet.

9. Signatures

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I hereby grant staff from the Department of Ecology access to the reservoir and all associated points of diversion and/or withdrawal for inspection and monitoring purposes. If assisted in preparing this above application, I understand that all responsibility for the accuracy of the information rests with me, the applicant.

<i>Bob Scarsella, Partner</i>	<i>[Signature]</i>	<i>April 19, 2023</i>
APPLICANT PRINTED NAME – TITLE WESTERN SAND & GRAVEL, LLC	APPLICANT SIGNATURE	(DATE: MM/DD/YYYY)
<i>Bob Scarsella, Member</i>	<i>[Signature]</i>	<i>April 19, 2023</i>
LANDOWNER OF PROPOSED RESERVOIR PRINTED NAME TERRA5 COMPANY, LLC	LANDOWNER OF PROPOSED RESERVOIR SIGNATURE	(DATE: MM/DD/YYYY)
<i>Bob Scarsella, Member</i>	<i>[Signature]</i>	<i>April 19, 2023</i>
LANDOWNER OF PROPOSED PLACE OF USE PRINTED NAME TERRA5 COMPANY, LLC	LANDOWNER OF PROPOSED PLACE OF USE SIGNATURE	(DATE: MM/DD/YYYY)

Department of Ecology

APR 25 2023

Water Resources Program

Attachment A: Mitigation Plan (Not Applicable)

Section	Required information	Reference(s)
A1	Identify any existing water rights permits, certificates, claims, minimum instream flows, or permit-exempt wells that may be impaired and the expected nature and extent of that impairment. Describe the methodology used to estimate the extent of impairment.	RCW 90.03.290 RCW 90.54
A2	Identify the source of supply for the proposed mitigation water.	
A3	Describe how this mitigation water source will offset the impacts of the reservoir.	
A4	Describe actions that will be taken to ensure mitigation will be maintained for the duration of the reservoir operation..	
A5	Provide copies of any agreements between you and other parties regarding mitigation for impacts, if applicable.	
A6	If you intend to offset your new use, describe how and when non-consumptive water returns to ground water or surface water, and explain how this volume was estimated. Specifically describe how the quantity, timing, and location of return flow would change if the proposed reservoir permit is approved.	WAC 173-500-050(5) WAC 173-500-050(9) POL 1020

For additional information, contact the Ecology office where your project is located:

Region/ Office	Counties served	Mailing Address	Phone
Central	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima	wrCRO@ecy.wa.gov 1250 W Alder St Union Gap, WA 98903	509-575-2490
Eastern	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	wrERO@ecy.wa.gov 4601 N Monroe Spokane, WA 99205	509-329-3400
Northwest	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom	wrNWRO@ecy.wa.gov PO Box 330316 Shoreline, WA 98133-9716	206-594-0000
Office of Columbia River*	OCR has jurisdiction for designated OCR projects, and new projects located within one mile of the Columbia River.	wrCRO@ecy.wa.gov 1250 W Alder St Union Gap, WA 98903	509-575-2490
Southwest	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Thurston, Skamania, Wahkiakum	wrSWRO@ecy.wa.gov PO Box 47775 Olympia, WA 98504	360-407-6300

Department of Ecology

APR 25 2023

Water Resources Program