

**CLAIM OF
BENEFICIAL USE
for Reservoir Permits by
CWRE's (not self-certified)**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

**A fee of \$345 must accompany this form for permits
with priority dates of July 9, 1987, or later.**

Enter the date the priority date of the permit:

June 21, 2000

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-986-0900.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see:
<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

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**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION # R-84459	PERMIT # (IF APPLICABLE) R-15535	PERMIT AMENDMENT # (IF APPLICABLE) T-13873
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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Mike Pati / Bridge Creek Ranch LLC		PHONE NO. 503 758-7222	ADDITIONAL CONTACT NO.	
ADDRESS 355 Goodpasture Island Rd				
CITY Eugene	STATE OR	ZIP 97401	E-MAIL mpati@pape.com	

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. Each permit holder of record must sign this form.

3. Permit holder of record (this may, or may not, be the current property owner)

PERMIT HOLDER OF RECORD Bridge Creek Ranch LLC		
ADDRESS 355 Goodpasture Island Rd		
CITY Eugene	STATE OR	ZIP 97401

ADDITIONAL PERMIT HOLDER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

9/10/25, 4/6/25, 4/15/24, 4/15/23

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Jake Tolton	4/6/25	Ranch employee

6. County

Wheeler

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7. If any property described in the place of use of the permit final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

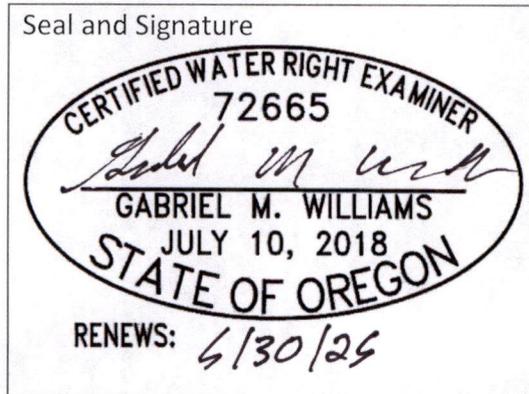
OWNER OF RECORD N/A		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

**SECTION 2
SIGNATURES**

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



CWRE NAME Gabriel Williams	PHONE NO. 541 771-6911	ADDITIONAL CONTACT NO.	
ADDRESS 20340 Empire Ave. Ste E8			
CITY Bend	STATE OR	ZIP 97701	E-MAIL gabe@rsiengr.com

Permit Holder(s) of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

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SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Mike Pati	President Pape Properties, Inc., sole member of Bridge Creek Ranch, LLC	2/1/26

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**SECTION 3
CLAIM DESCRIPTION**

1. Reservoir source and, if from surface water, the tributary:

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Painted Hills Reservoir	Surface Water	Bridge Creek
Painted Hills Reservoir	Surface Water	Bear Creek

2. Developed use(s), period of use, and acre foot (af) for each use:

RESERVOIR NAME OR NUMBER	USES	SEASON OR MONTHS WHEN WATER WAS APPROPRIATED FOR STORAGE	VOLUME STORED (AF)
Painted Hills Reservoir	Fish Life	April 1-14	500
Total Quantity of Water Stored			500

3. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion to the reservoir:

Water is diverted from two tributaries (Bridge Creek and Bear Creek) into Painted Hills Reservoir. Both conveyance systems operate similarly with water flowing through a headgate and then piped to an open fish screen whereafter the flow is piped into the Reservoir.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

4. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. **YES** **NO**
 (e.g. "The permit allowed the development of three reservoirs. The permit holder only developed one of the reservoirs."
 or "The permit allowed for the storage of 9 acre feet of water. The reservoir was developed to hold 5.2 acre feet.")

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Painted Hills Reservoir	500	500

SECTION 4
SYSTEM DESCRIPTION

Are there multiple reservoirs?

YES **NO**

If "YES" you will need to copy and complete Sections A through E for each reservoir.

Reservoir Name or Number this section describes (only needed if there is more than one):

Painted Hills Reservoir

A. Reservoir Location

1. Is the reservoir on-channel?

YES **NO**

2. Provide dam outlet location and/or point of diversion(s).

TWP	RNG	MER	SEC	QQ	GLot	DLC	MEASURED DISTANCES
10 S	21 E	W.M.	31	SE-SE			160' N & 1850' E from the S ¼ Corner of Sec. 31 (Bridge Ck POD)
10 S	20 E	W.M.	35	SW-NE			2550' S & 2600' W from the NE corner of Sec. 35. (Bear Ck POD)

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport the water from the point(s) of diversion to the reservoir.

1. Is a pump used?

YES **NO**

If "NO" items 2 through item 5 may be deleted.

6. Additional notes or comments related to the system:

All inflow into the reservoir is gravity flow through pipelines.

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C. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES **NO**

If "NO", items 2 through 4 relating to this section may be deleted.

2. Complete the table:

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)
Bear - 24"	HDPE	140	22'	3,540'	0.62%	22.9 cfs
Bridge - 12"	PVC	150	56'	10,030'	0.56%	3.8 cfs

3. Provide calculations:

$$Q_{\text{gpm}} = 0.2879 C d_{\text{in}}^{2.63} S^{0.54}$$

Use Hazen Williams – solved for Q

Bear Ck –, S = 0.0062 ft/ft, C = 140, ID of 24” HDPE (d) = 21.5” - plug into above formula, Q = 10,300 gpm (22.9 cfs)

Bridge Ck – S = 0.0056 ft/ft, C=150, ID (d) = 12”, plugged into above formula, Q = 1,700 gpm (3.8 cfs)

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
N/A			

Attach measurement notes.

D. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING’S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES NO

If “NO”, items 2 through 4 relating to this section may be deleted.

E. Reservoir

1. Does the reservoir require the submittal of as-built plans and specifications?

YES NO

If “YES”, answer item 2; items 3 through 8 relating to this section may be deleted.

If “NO”, skip items 2; answer items 3 through 8.

2. Complete the table:

HAVE THE DOCUMENTS BEEN SUBMITTED? YES OR NO	WHEN WERE THE DOCUMENTS SUBMITTED?	HAVE THEY BEEN APPROVED BY THE DEPARTMENT?	NUMBER OF ACRE FEET STORED
YES	2021	YES	1300 ac-ft

SECTION 5 CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and any extension final orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or extension final order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	12/5/2022		
BEGIN CONSTRUCTION (A)	7/29/2021	10/16/2020	During the original development time frame under Permit R-15180, work on the expansion of the reservoir was completed, including the construction of a pipeline from Bear Creek ,to the reservoir, raising the earthen dam, construction of a new spillway, and installation of headgates, fish screens, gaging stations, meters, and monitoring stations.
COMPLETE CONSTRUCTION (B)	7/29/2021	4/13/2021	
COMPLETE APPLICATION OF WATER (C)	7/29/2026	4/12/2025	The full 500 ac-ft was stored in 2025

* must be within period between permit or any extension final order issuance and the date to completely apply water

2. Is there an extension final order(s)?

YES NO

3. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device?

YES NO

If "NO", items b through f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed?

YES NO

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c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Bear Ck Inflow	Seametrics	10232753	Working	700.29 AF (9/10/25)	2024 (superseded flow meter originally installed in 2021)
Bridge Ck Inflow	Seametrics	06240051	Working	115.81 AF (9/10/25)	2024 (superseded flow meter originally installed in 2021)

If a meter has been installed, items d through f relating to this section may be deleted.

4. Recording and reporting conditions

a. Is the water user required to report the water use to the Department? YES NO

If "NO", item b relating to this section may be deleted.

b. Have the reports been submitted? YES NO

NOTE: Reports submitted to watermaster only, as required by permit

If the reports have not been submitted, attach a copy of the reports if available.

5. Outlet Pipe

a. Is the water user required to install a minimum 8" outlet pipe/conduit? YES NO

If "NO", items b through c relating to this section may be deleted.

b. Has the outlet pipe been installed? YES NO

If "YES", items c relating to this section may be deleted.

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6. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? YES NO

If "NO", items b through e relating to this section may be deleted.

Reminder: If fish screening devices were required, the COBU map must indicate their location in relation to the point of diversion.

b. Has the fish screening been installed? YES NO

c. When was the fish screening installed?

DATE	By WHOM
Bridge Ck (April 2024)	ODFW
Bear Ck (Prior to 9/30/2020)	ODFW

Reminder: If the permit or transfer final order was issued on or after February 1, 2011, the fish screen is required to be approved by the Oregon Department of Fish and Wildlife regardless of the rate of diversion.

d. If the diversion **involves a pump** *and* the **total** diversion rate of all rights at the point of diversion is less than 225 gpm (0.5 cfs):

- Has the self-certification form previously been submitted to the Department? **NA** **YES** **NO**
- If not, go to <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx> (search for ODFW Small Pump Screen Self Certification), complete and attach a copy of the self-certification form to this claim, and send a copy of it to the Oregon Department of Fish and Wildlife (ODFW).

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. The ODFW self certification form needs to have been previously submitted or be attached to this form.

e. If the diversion does **not involve a pump** *or* the **total** diversion rate of all rights at the point of diversion is 225 gpm (0.5 cfs) or greater:

- Has the ODFW approval been previously submitted? **NA** **YES** **NO**
- If not, contact and work with ODFW to ensure compliance. To demonstrate compliance, provide signed documentation from ODFW. A form is available at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. In order to receive a favorable approval, the ODFW/WRD "Fish Screen Inspection" form needs to have been previously submitted or be attached to this form.

7. By-pass Devices

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **YES** **NO**

If "NO", items b and c relating to this section may be deleted.

Reminder: If by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

b. Have by-pass device been installed? **YES** **NO**

c. Describe the diversion works as related to whether a by-pass device is installed or unnecessary:

(Provide a letter from ODFW indicating the device is approved or is unnecessary. If there is no letter from ODFW, explain whether or not a by-pass device is necessary.)

DESCRIPTION (E.G. "ODFW HAS APPROVED THE BY-PASS DEVICE" OR "NO BY-PASS DEVICE IS NECESSARY BECAUSE THERE IS A DIRECT DIVERSION FROM THE STREAM VIA A PUMP ON RIVER LEFT STREAM BANK WITH FOOT VALVE DESCENDING DIRECTLY INTO NATURAL POOL.") IN ADDITION, YOU MAY ATTACH PHOTOS TO THIS CLAIM.	IF INSTALLED (DATE)	IF INSTALLED, BY WHOM
ODFW installed bypass (fish return) at both screens	April 2024 (Bridge Ck); Prior to 9/30/2020 (Bear Ck)	ODFW Received FEB 03 2026 OWRD

8. Other conditions required by permit, permit amendment final order, or extension final order

- a. Was the water user required to restore the riparian area if it was disturbed? **YES** NO
- b. Was a fishway required? **YES** NO
- c. Was submittal of a letter from an engineer required prior to storage of water? **YES** NO
- d. Was submittal of a water management and conservation plan required? YES **NO**
- e. Other conditions? **YES** NO

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

- a) **No disturbance of the riparian area was required during construction**
- b) **ODFW letter dated 1/25/2021 confirms no fish passage required.**
- c) **Letter submitted on 4/13/2021**
- d) **N/A**
- e) **1) Installation of staff gauge – installed 3/29/2021**
2) Installation of gaging stations on Bridge and Bear Creeks with real time access and operation from April 1 through April 14 of each year – OWRD approved gaging stations installed 4/1/2021 and operated April 1-14 of each year.
3) Measurement of total storage capacity on a weekly basis during storage season and submittal of required reports to watermaster at designated times – permit holder has complied
4) Measurement of total capacity of the reservoir on monthly basis – permit holder has complied
5) Progress report required by October 1, 2025 – submitted to OWRD on 9/25/2025

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
COBU Map	Map detailing layout of system
ODFW fish passage letter for Bear Creek	Letter from ODFW dated 1/25/2021
Engineer's Letter and OWRD's acceptance	Engineer's letter and OWRD's acceptance dated 4/13/2021
ODFW Fish Screen Approval	ODFW letter dated 9/30/2020 re screens on Bear Ck POD and original Bridge Ck POD
Stream gaging station approval	Email from watermaster dated 3/2/2021
ODFW fish screen approval letter for new Bridge Creek POD	ODFW letter dated 12/16/2025
ODFW fish passage letter for new Bridge Creek POD	Email from ODFW dated 3/11/2024
Staff gage approval	Email from watermaster dated 12/19/2022
Totalizing flow meter approval	Email from watermaster dated 7/1/2022

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The map was prepared from GPS surveys and UAV orthophotos collected by RSI on 6/8/23.

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- Map on polyester film.
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- Locations of meters and/or measuring devices in relationship to point of diversion
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- Quarter-Quarters illustrated and named (NE NE, NW NE, etc.)
- Source illustrated if surface water
- Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- Application and permit number or transfer number
- North arrow
- Legend
- CWRE stamp and signature

Attachments

Application S-84459, Permit S-15535

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Oregon

Kate Brown, Governor

Department of Fish and Wildlife
John Day Field Office
PO Box 9
John Day, OR 97845
Voice: 541-575-1167
Fax: 541-575-0948
<http://www.dfw.state.or.us>

01/25/2021

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266



Subject: Painted Hills Reservoir Fish
passage R-84459

To Whom It Many Concern,

The Oregon Department of Fish and Wildlife is submitting this letter to confirm that under current circumstances, there are no fish passage barriers currently in place at the Bear Creek diversion (S-55289). In addition, there are no conditions for fish passage at the Painted Hills Reservoir as this impoundment is off-channel.

To note, the water user has the ability to construct a push-up dam or other temporary artificial obstruction at this diversion site that could be a passage barrier to sensitive fish species, however no such structure may be constructed during the April 1st – April 14th time period as a condition to this permit. If an artificial obstruction were constructed in the future, this would be a trigger for fish passage and the owner/operator is responsible for providing fish passage should the structure be channel spanning in Bear Creek as per ORS 509.585.

ODFW also recommends the installation of a headgate to better manage and control withdrawals from Bear Creek, although it is currently not a mandatory condition to this permit.

Sincerely,

Stephan Charette
John Day District Fish Biologist
Oregon Department of Fish and Wildlife

Cc: Mike Pati, Property Manager
Gordon Tolton, Ranch Manager
Alan Ritchey, ODFW Fish Screen and Passage Manager
Greg Apke, ODFW Fish Passage Coordinator

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April 13, 2021

Mr. Keith Mills
Oregon State Dam Safety Engineer
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266

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PAINTED HILLS DAM RAISE & SPILLWAY RECONSTRUCTION; STATEMENT OF WORK CONFORMANCE TO CONSTRUCTION DRAWINGS & SPECIFICATIONS

Dear Mr. Mills,

Construction work to raise the East Dam (Dam No. 1) and the West Dam (Dam No. 2) and reconstruct the emergency spillway at Painted Hills Reservoir is complete. Work began in November 2020 and was completed in March 2021. The work was done by J. R. Faulkner Excavation of Bend, Oregon. I have worked with Faulkner in raising dams and highly trust his work and care in this type of work.

I examined site conditions in November 2020 in my role as Engineer of Record. My observations at that time resulted in instructions and inputs on ground preparations to receive fill, extension of existing outlet pipe through the dam, installation of sand filter diaphragm, alternative sources of earth fill material, relocation of the turbine irrigation pump from its position on the East Dam, and cement grouting the twin 16-inch diameter vertical sump pipes for the pump and the horizontal pipe from the reservoir supplying water to the sump pipes.

Due to COVID 19 considerations, I designated Gabe Williams, P.E. of Resource Specialists, Inc., in Redmond, to conduct inspections of all work and to report to me on any site issues, questions, results of work and material approvals. In this capacity, Mr. Williams was onsite during construction 3 to 4 days per week, and a minimum of 2 days per week, and reported to me each day he was onsite, maintaining timely and consistent communications on progress of work. I instructed Mr. Williams and equipment operators on the Plastic Limit of soils and rolling soils to 1/8 threads as a guide to appropriate moisture contents for the compacted fill between trips to the site by Carlson Testing, Inc. for compaction testing. I also consulted with senior Carlson Testing staff in the Bend office on this method of moisture monitoring.

Compaction testing conducted by Carlson Testing, Inc., was done at maximum vertical fill depth intervals of 3 feet and horizontal spacings up to 150 feet. Compaction testing results indicate that the dam embankment fills were compacted to at least 95 percent of the maximum dry density

according to AASHTO T-99 (standard proctor). Compaction test results and inspection reports are included in Appendix B of this report.

Concrete encasement and cement grout meet the minimum compressive strength requirements of the construction specifications. Filter sand for the filter diaphragm is consistent with filter and permeability criteria.

Details, lines and grades for the actual completed construction to raise the dam and reconstruct the emergency spillway are shown on the Record Drawings submitted to you earlier for review.

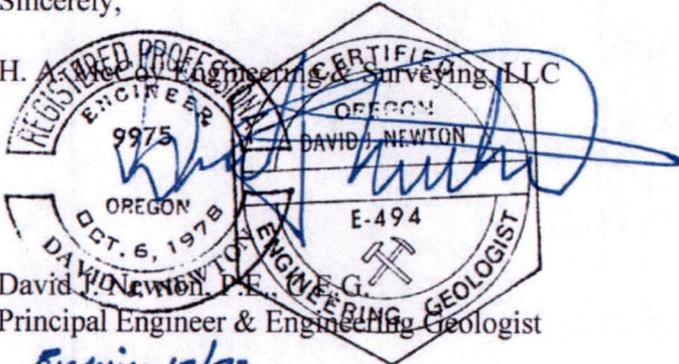
All work on the project was completed in conformance with the construction drawings and specifications. This includes placement and compaction of earth fills to raise the dams, installation of concrete-encased outlet pipe extension, fully cement-grouting of the vertical sump and horizontal water supply pipes inside the East Dam, relocation of the turbine irrigation pump to a site off the East Dam, installation of sand filter diaphragm on outlet pipe extension, reconstruction of the emergency spillway, and placement of riprap on the dam and in the spillway.

The Record Construction Report will be submitted to you on or before April 19, 2021.

Please contact me with any questions you have at (541) 325-3905, or by e-mail at dnewton@newtonconsultants.com.

Sincerely,

H. A. Newton Engineering & Surveying LLC



David J. Newton, P.E.
Principal Engineer & Engineering Geologist

Expires 12/22

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Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

April 13, 2021

Re: Project Completion Information - Painted Hills Dam and Reservoir (File M-56)

David Newton
Newton Consultants/ H.A. McCoy Engineering & Surveying, LLC
1180 SW Lake Road, #201
Redmond, Oregon 97756
Via e-mail

David,

As built drawings for this approved dam raise were submitted on April 9, 2021. The drawings have been reviewed and formally accepted by the OWRD dam safety program. The Statement of Work for completion of the dam raise was submitted on April 13, 2021. This statement has also been reviewed and accepted.

These documents demonstrate compliance with: **OAR 690-020-0080 New Dams, or to Increase Dam Height, Written Approval by State Engineer**

(4) No newly constructed Dam or Dam that has had Height modified may store Water until final written acceptance of a satisfactory project completion report has been submitted to and accepted by the Department.

Based on this review and acceptance, the reservoir may now be filled.

There is one condition on the acceptance of this necessary project documentation. The Engineer of Record will provide a final report by April 30, 2021. Electronic copies of all documents are sufficient and we do not need a paper copy submittal.

Thank you for your work designing the dam raise and administering the project consistent with Oregon's dam safety regulations.

Sincerely,

Keith Mills, P.E., State Engineer for Water Resources
(503) 986-0840
Cell (541) 706-0849

C: Dam Safety File M-56

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Oregon

Kate Brown., Governor

Department of Fish and Wildlife
John Day Fish Screening and Passage
357 Patterson Bridge Rd.
P.O. Box 515
John Day, OR 97845
Voice: 541-575-0561
FAX (541) 575-0868
www.dfw.state.or.us/

September 30, 2020

Bridge Creek Ranch, LLC
355 Goodpasture Island Rd.
Eugene, OR 97401



As part of the OWRD Reservoir permit process under Reservoir Application R-84459, you are required to have properly functioning fish screens to divert water. Water is diverted from Bear Creek and Bridge Creek for filling your reservoir. Water rights for these diversions include Water right #'s 13591, 68552, 68553, 13593, 13592, and 68554. Currently, each one of these diversions has a functioning and maintained fish screen.

In regards to the fish screen located on Bear Creek, the following has been determined:

1. The screen located at coordinates 44.65897, -120.293287 is an ODFW shop-built screen.
2. The screen configuration meets National Marine Fisheries Service criteria.
3. This screen can divert up to 12.5 CFS, based on criteria, though legal diverted flow may be less.
4. This screen is equipped with a 10" diameter by-pass pipe (bypass device).

In regards to the fish screen located on Bridge Creek, the following has been determined:

1. The screen located at coordinates 44.648684, -120.245418 is an ODFW shop-built screen.
2. The screen configuration meets National Marine Fisheries Service criteria.
3. This screen can divert up to 9.32 CFS based on criteria, though legal diverted flow may be less.
4. This screen is equipped with a 10" diameter by-pass pipe (bypass device).

This letter confirms the fish screening requirement for your reservoir enlargement application. Other approvals may still be needed.

Please contact me if you have any questions regarding this letter.

Sincerely,

Michael Jensen
John Day Fish Screening and Passage Program Manager

CC: Oregon Water Resources Department
CC: Steph Charette

Received

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On Tue, Mar 2, 2021 at 1:55 PM THIEMANN Kenneth C * WRD
<Kenneth.C.Thiemann@oregon.gov> wrote:

Good afternoon,

Chris and I appreciate the cooperative approach you've taken in regard to the gage installation on Bear and Bridge Creek. We are comfortable with the proposal as written, but would like to refine the first paragraph on page 5. Just to be clear, if the gage fails or is inoperable during the fill period, no diversion of water under R-15180 will be allowed. Continued appropriation under other certificates with the same POD would, of course, be allowed. We would also ask that I am notified as soon as possible and no longer than 24 hours if one or both of the gages stop functioning.

We have talked with Gabe about the location of the gage on Bridge Creek – the proposed location will certainly meet the condition of the permit and will allow us to manage the system appropriately; however, if a suitable location is found below the confluence with Bear Creek, that would be more desirable from the Department's perspective.

"Water is always worth protecting"

Ken Thiemann

Watermaster, District #21

Oregon Water Resources Department

PO Box 427

Condon, OR 97823

Cell Ph. (541) 969-8799

Gilliam Court House

221 S. Oregon St., Suite 221

Condon, OR 97823

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From: Gabe Williams <gabe@rsiengr.com>
Sent: Tuesday, March 2, 2021 1:00 PM
To: KOWITZ Chris C * WRD <Chris.C.Kowitz@oregon.gov>; THIEMANN Kenneth C * WRD <Kenneth.C.Thiemann@oregon.gov>; Langford, Shonee D. <SLangford@schwabe.com>; Howard, Elizabeth E. <EHoward@schwabe.com>
Subject: Memo

Chris/Ken,

Have either of you had a chance to look at the memo and the remaining concurrence items? We are going to head out to at least install the staff gauges soon and would like to have this before ordering the equipment. Thank you.

Gabe

Gabe Williams, PE, CWRE

1180 [SW Lake Rd. Ste 202](#)

[Redmond, OR 97756](#)

cell 541.771.6911

www.rsiengr.com

--

Gabe Williams, PE CWRE
(541) 771-6911
sent from mobile

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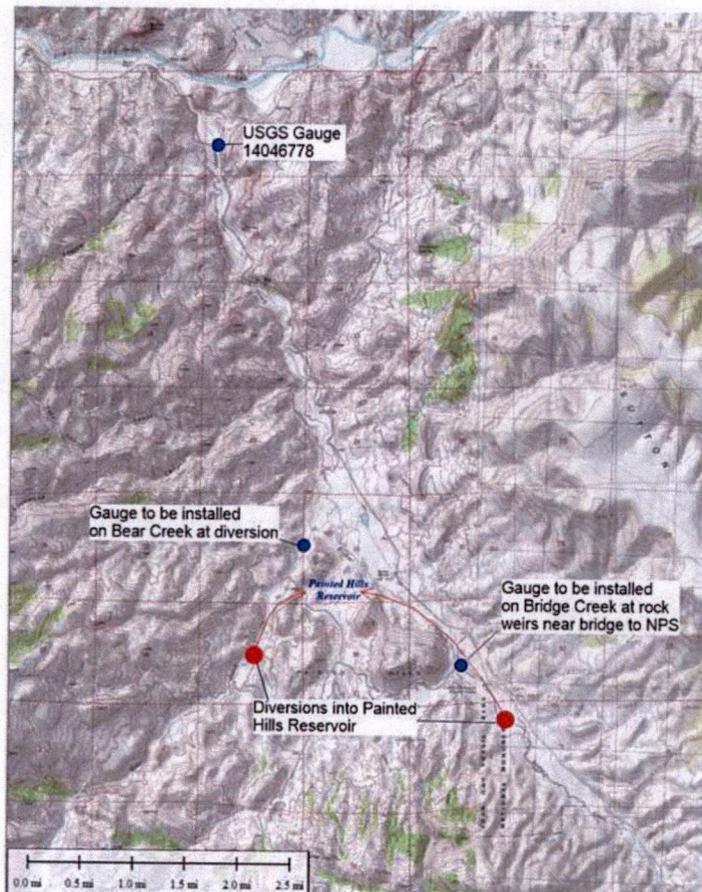


1180 SW Lake Rd Ste 202
Redmond, OR 97756
(541) 771-6911

Memorandum

Date: February 14, 2021
From: Resource Specialists Inc.
Re: Stream gauging on Bridge Creek and Bear Creek

RSI is proposing to install two gauging stations near Painted Hills Reservoir, one on Bridge Creek and one on Bear Creek in Wheeler County, Oregon. The location of the two proposed gauging stations along with the location of the existing USGS gauging station is shown in the figure below. The Bridge Creek gauge is located at the bridge into the National Park where there is a series of rock weirs installed in 2007 and have proven to provide a stable cross-section. The Bear Creek gauge is located at the first opportunity on the Bridge Creek Ranch Property.



The instrumentation at the gauging stations will be ONSET model RX3000 remote monitoring stations (<https://www.onsetcomp.com/products/data-loggers/rx3000/>) equipped with a cabled pressure transducer and an integrated barometric pressure logger for real-time data correction. The loggers will be placed in a stable stream section inside of a perforated pipe attached to the stream bottom with driven rebar. The instruments will be set to record every 15 minutes. A staff gauge will be installed near the instrument to enable direct readings to be taken. An installed unit is shown below in Figure 1. The infrastructure will be inspected annually prior to April 1st to ensure good operation.



Figure 1 - RX3000 remote monitoring system installed on a small stream

A rating curve will be established at the site using multiple gauging measurements across a range of flows (example in Figure 2). This rating curve is then used to convert the stage reading to a discharge. A lookup table can be provided for ease of use to directly translate a stage reading to a flow rate.

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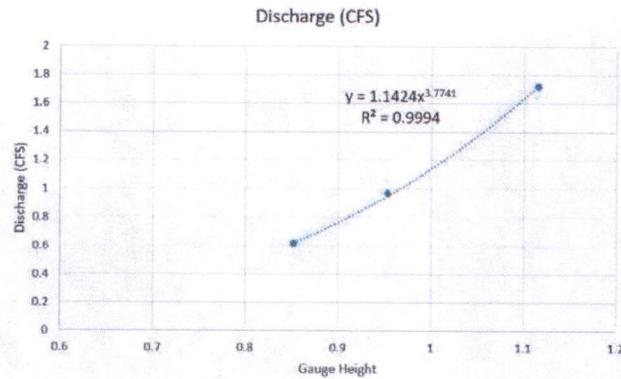
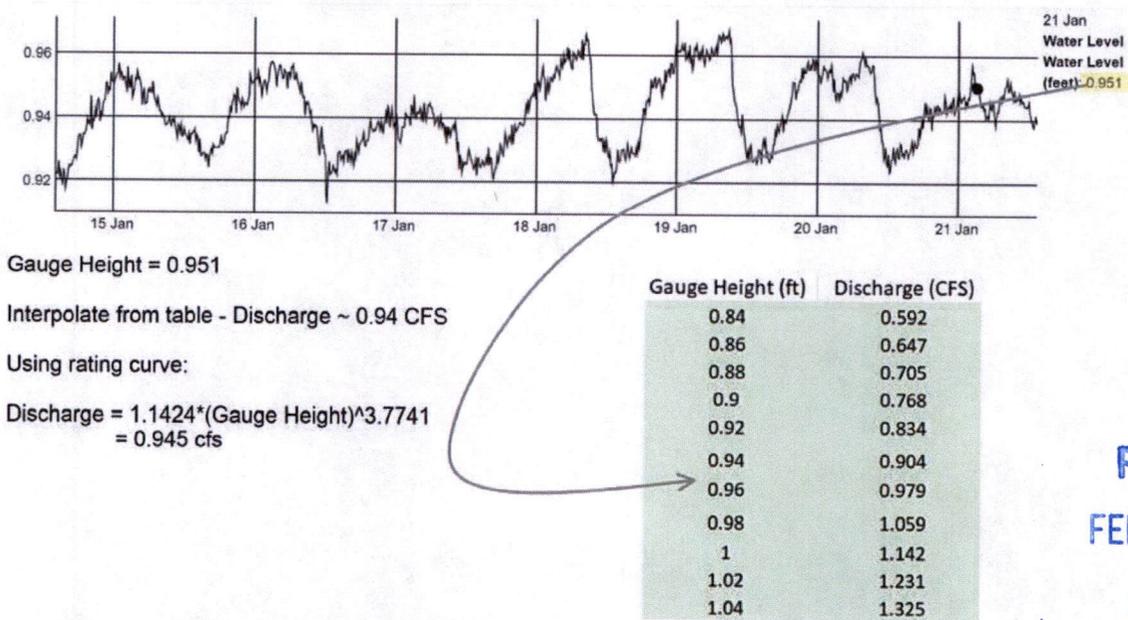


Figure 2 - Example rating curve produced from three discharge measurements



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Figure 3 - Converting gauge readings to discharge measurements

Figure 3 shows an example graph from the online portal on the top, where you can mouse over a line to get the water level reading at that point. Either the lookup table or the rating curve can be used to directly translate the depth reading to a discharge. In the example data set shown above it is easy to ascertain that the flow has been oscillating between 0.83 CFS and 0.99 CFS over the last seven days.

The data from the online viewing platform is able to extend back one month, however there is no download functionality built into the viewer. The site administrator (RSI) can create a data file on demand and provide a column with the discharge calculated from the rating curve in Excel format to OWRD by the end of April..

A staff gauge will be installed at the same location as the pressure transducer in order to provide an on-site method of discharge measurement. A permanent datum shall be installed for when the staff plate needs to be replaced. The staff gauge and HOBO logger can be set to operate on the same datum

so the reading shown on the staff gauge would be same (within tolerance) as that which is being recorded. The staff gauge will be graduated with Watermark style "C" markings and can be read according to Figure 4.

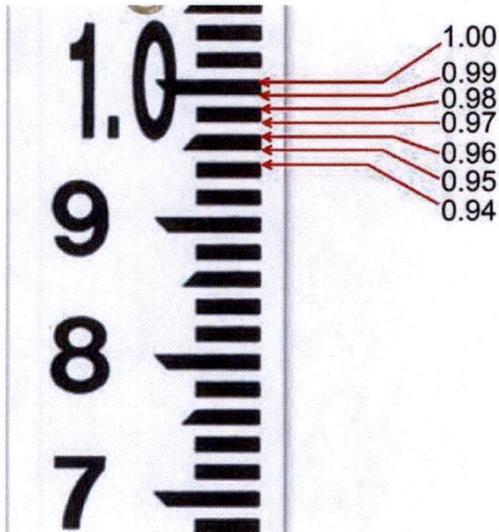


Figure 4 - Watermark style "C" graduation mark guide

A laminated card can be attached to the gauging station containing the lookup table and the rating curve that will be updated annually before April 1st. This would allow for a stream discharge to be quickly and easily ascertained during a field visit using the staff gauge reading. The landowner/operator will be advised as to the minimum staff gauge reading that is required to meet the instream flow rights.

Discharge measurements will be taken using a Marsh McBirney Flo-Mate 2000 velocimeter along a measured transect at 0.5 – 1 ft intervals. The distance, depth, and velocity will be recorded and processed in an integral fashion to calculate a total discharge at each site.

It is proposed to have the gauging stations established in early March with at least four discharge measurements conducted prior to April 1st. This will enable a coarse rating curve to be established and allow an approximate discharge to be calculated from a staff gauge reading. For future verification, a minimum of 2 measurements prior to April 1st will be performed annually to calibrate the equipment and update the lookup table and rating curve.

A fifth discharge measurement will be taken on April 7th or 8th and a sixth will be taken on April 14th or 15th. This data will be used to further refine the rating curve. The data from the loggers will be downloaded at this point and the measured depths will be converted to discharges using the established rating curve. The rating curve for the staff gauge readings will be further updated at this time as well if it is outside of the existing flow ranges. In future years one discharge measurement will be taken during the fill window to ensure continued accuracy.

Additionally, this station will be monitored to determine peak flow events and every effort will be made to gather discharge measurements at that time during the initial year to better bracket the rating curve.

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If one or both measurement devices fail during the fill period, that source stream's water will not be counted towards the storage under permit R-15180 until the site(s) are repaired and approved by the Watermaster. Water can still be diverted under the other the Bridge Creek Ranch's other certificates.

RSI will serve as the primary contact for support and replacement. Should a different vendor be selected, Bridge Creek Ranch will inform the Watermaster before the fill window.

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Oregon

Tina Kotek, Governor

Department of Fish and Wildlife

Fish Division

4034 Fairview Industrial Drive SE

Salem, OR, 97302

(503) 947-6201

www.dfw.state.or.us/

December 16, 2025

Bridge Creek Ranch, LLC
355 Goodpasture Island Rd
Eugene, OR 97401

RE: ODFW Certification of Fish Screen and Passage Conditions for OWRD Permits R-15535 and S-55289, and Transfers T-14170 and T-14158.

To whom it may concern,

The Oregon Department of Fish and Wildlife (ODFW) is submitting this letter regarding the fish screening and fish passage conditions contained in permits R-15535 and S-55289, and transfers T-14170 and T-14158.

Water right transfers file numbers T-14170 and T-14158.

These transfers require the installation of a fish screen at the new point of diversion (POD) located near GPS coordinates: 44.6518, -120.2475. The POD is now screened with a 6'x6'x30" dual-bay rotary drum screen system built and installed by ODFW on October 30, 2024. The screen was inspected and meets ODFW criteria for a diversion rate up to 11.67 CFS. This screen is equipped with a criteria compliant bypass pipe to return fish to Bridge Creek. All screen configurations meet ODFW criteria at the time of inspection; any changes or modifications to the configurations will not be covered by this certification letter.

Permit R-15535 called "Painted Hills Reservoir."

The permit requires a fish screen and/or bypass device at the new POD and a fishway at the obstruction to provide adequate upstream and downstream passage for fish. The permit allows the permittee to submit evidence that the ODFW had determined screens and/or a fishway are not necessary.

There are two points of diversion associated with the reservoir:

1. POD #1 from Bear Creek near coordinates 44.658973, -120.293287, is screened with a fish screen installed by ODFW in 2013. The screen is a four-bay solar belt system and meets ODFW's fish screening criteria up to a diversion rate of 12.5 CFS.
2. POD #2 (the new point of diversion) on Bridge Creek is screened with a fish screen located at 44.6518, -120.2475, and installed by ODFW on October 30, 2024. This screen meets ODFW's fish screening criteria up to 11.67 CFS.

Since the reservoir is off-channel, and there are no artificial obstructions associated with permit R-15535, ODFW has determined that a fishway is not necessary. Fish passage is currently being provided at the PODs. Any new construction associated with the points of diversion may constitute a fish passage trigger and may require a fish passage approval.

Water right permit S-55289. The water diversion from the Painted Hills Reservoir (R-15535).

The water right requires the water user to install, maintain, and operate fish screening and fish passage devices consistent with ODFW standards at each POD from the reservoir. The water user may submit

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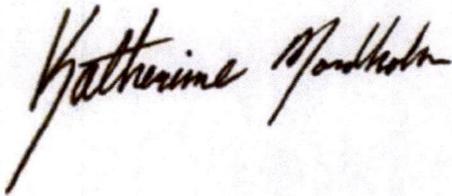
evidence in writing that ODFW has determined that screening and/or passage devices are not necessary. Since the reservoir is off-channel and fish screens are installed at the PODs into the reservoir, ODFW has determined that fish passage and/or screening are not necessary for S-55289.

As a reminder, although ODFW has determined that fish screening is not necessary for the release of stored water, the permittee shall not stock fish in the reservoir without first obtaining a Fish Transport Permit issued by the Oregon Department of Fish and Wildlife (ODFW). As part of the Fish Transport Permit process, the permittee may be required to screen the outlet of the reservoir to ensure that fish cannot escape into public waters and/or to keep wild fish from entering the reservoir.

In conclusion, ODFW has determined that the water user is in compliance with all fish screening and passage conditions contained in permits R-15535 and S-55289, and transfers T-14170 and T-14158.

Please contact me at Katherine.E.Nordholm@odfw.oregon.gov if you have any questions regarding this letter.

Sincerely,

A handwritten signature in black ink that reads "Katherine Nordholm". The signature is written in a cursive style with a large initial 'K'.

Katherine Nordholm
Fish Screens and Passage Coordinator
Oregon Department of Fish and Wildlife

CC: Nathaniel Ashley, ODFW Fish Screening Coordinator

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FEB 03 2026
OWRD



Benn Eilers <benn80@gmail.com>

Fish passage for new diversion structure on Bridge Ck (Wheeler Co.)

2 messages

Benn Eilers <benn@rsiengr.com>
To: katherine.e.nordholm@odfw.oregon.gov

Mon, Mar 4, 2024 at 3:12 PM

Hello Ms. Nordholm-

I've been tasked with making sure permitting is in order for a new water diversion structure going in on Bridge Creek (tributary of the John Day) near the Painted Hills National Monument in Wheeler County. The stream is listed for Mid-C steelhead.

We're working with the John Day screen shop and Steph Charette suggested that I touch base with someone in the fish passage program to make sure everything is being done correctly.

The diversion structure is utilizing the natural grade of the stream and no channel spanning structures or grade control is being proposed. Since we aren't doing any channel spanning work and will have minimal hydraulic impact, it is my understanding that a formal fish passage plan would not be required; however I'm wondering if a waiver or exemption will be needed in order to cover all of our bases.

I'm attaching the engineering plans so you can look at the proposed project. Please let me know if you have any questions and thank you in advance for your help.

Benn Eilers, PE

Resource Specialists Inc.

20340 Empire Ave. Ste E8
Bend, OR 97703
cell 541.678.3969
www.RSIengr.com

 **BCR DIVERSION 90% V-3.pdf**
9083K

NORDHOLM Katherine E * ODFW <katherine.e.nordholm@odfw.oregon.gov>

Mon, Mar 11, 2024 at 7:34 AM

To: Benn Eilers <benn@rsiengr.com>

Hi Benn,

Thanks for reaching out about your project. I've reviewed the plans you submitted and agree that the proposed work does not trigger our fish passage rules. In this case, you will not need a fish passage approval, waiver, or exemption from ODFW,

Thank you,

Katherine Nordholm
Fish Screens and Passage Coordinator

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4034 Fairview Industrial Dr. SE

Salem, OR 97302

Cell: (503) 507-5843

From: Benn Eilers <benn@rsiengr.com>
Sent: Monday, March 4, 2024 3:13 PM
To: NORDHOLM Katherine E * ODFW <katherine.e.nordholm@odfw.oregon.gov>
Subject: Fish passage for new diversion structure on Bridge Ck (Wheeler Co.)

You don't often get email from benn@rsiengr.com. [Learn why this is important](#)

[Quoted text hidden]

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Benn Eilers <benn80@gmail.com>

Painted Hills Staff Gauge - I-Beam

Gabe Williams <gabe@rsiengr.com>

Mon, Dec 19, 2022 at 3:06 PM

To: Benn Eilers <benn@rsiengr.com>, "Howard, Elizabeth E." <EHoward@schwabe.com>, "Langford, Shonee D." <SLangford@schwabe.com>, Mike Pati <mpati@pape.com>, "Thane, Lindsay M." <LThane@schwabe.com>

To keep you all in the loop.

----- Forwarded message -----

From: **THIEMANN Kenneth C * WRD** <Kenneth.C.THIEMANN@water.oregon.gov>

Date: Mon, Dec 19, 2022 at 12:51 PM

Subject: RE: Painted Hills Staff Gauge - I-Beam

To: Gabe Williams <gabe@rsiengr.com>

CC: KOWITZ Chris C * WRD <Chris.C.KOWITZ@water.oregon.gov>

Thank you Gabe,

That looks great. I updated the file and look forward to seeing it in person. Thanks for taking care of this.

Ken Thiemann (He/His/Him)

District 21 Watermaster

Oregon Water Resources Department

Email: Kenneth.C.Thiemann@water.oregon.gov

Mobile: 541-969-8799

[Interactive Mapper Link](#)

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From: Gabe Williams <gabe@rsiengr.com>

Sent: Tuesday, December 13, 2022 9:08 AM

To: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>

Cc: Benn Eilers <benn@rsiengr.com>; Mike Pati <mpati@pape.com>; Howard, Elizabeth E. <EHoward@schwabe.com>; Langford, Shonee D. <SLangford@schwabe.com>; Thane, Lindsay M. <LThane@schwabe.com>

Subject: Fwd: Painted Hills Staff Gauge - I-Beam

Good morning Ken,

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We have installed a larger staff gauge in the Painted Hills Reservoir as requested. It is installed at the existing pump site for easy access and viewing. I have also attached a table for storage volumes at 0.5ft and 0.1ft intervals. Please let me know if you have any questions. Have a great day.

Gabe

Gabe Williams, PE, CWRE

[Quoted text hidden]

--
Gabe Williams, PE CWRE
(541) 771-6911
sent from mobile

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From: [THIEMANN Kenneth C * WRD](#)
To: [Gabe Williams](#); [Howard, Elizabeth E.](#); [Langford, Shonee D.](#); [Mike Pati](#); [Thane, Lindsay M.](#)
Cc: [KOWITZ Chris C * WRD](#)
Subject: RE: T-13873 [IWOV-PDX.FID4642980]
Date: Friday, July 1, 2022 7:32:43 AM
Attachments: [B37306CADB0845B2AFB8376005BB8B72.png](#)

Good morning Gabe,

I have reviewed the specifications and approve the use of the seametrics ex 100/200 for the Bridge Creek Ranch, LLC proposed POD in transfer T-9873 and permit R-15180 amended by T-13873.

Kenneth Thiemann Jr.
Watermaster District 21
(541) 969-8799
Kenneth.C.Thiemann@water.oregon.gov

From: [Gabe Williams](#)
Sent: Friday, July 1, 2022 6:06 AM
To: [Howard, Elizabeth E.](#); [Langford, Shonee D.](#); [Mike Pati](#); [THIEMANN Kenneth C * WRD](#); [Thane, Lindsay M.](#)
Cc: [KOWITZ Chris C * WRD](#)
Subject: Re: T-13873 [IWOV-PDX.FID4642980]

Good morning Ken,

Have you had a chance to review the meter specifications? We are under the gun on timing. Thank you.

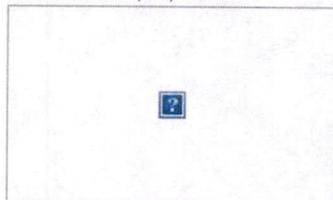
Gabe

On Wed, Jun 29, 2022 at 7:08 AM Gabe Williams <gabe@rsiengr.com> wrote:

I've attached the specification sheets. The 100 services do only go up to 10" I believe, but the 200 will go up to 48" with an option for 72". Hope that helps. Have a good day in the field.

Gabe

Gabe Williams, PE, CWRE



1180 SW Lake Rd. Ste 202
Redmond, OR 97756
cell 541.771.6911
www.rsiengr.com

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On Wed, Jun 29, 2022 at 7:00 AM THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov> wrote:

Good morning Gabe,

I tried calling Seametrics to confirm the pipe size limitations for the ex 100/200, I though that I saw that the ex

100/200 was only good to up to a 10" pipe. They had already closed for the day.

Just want to confirm that it can be used with the larger pipe sizes.

I am in the field today installing a new gauge at Pine Creek.

I will try to get back to you tomorrow on this.

Kenneth Thiemann Jr.
Watermaster District 21
(541) 969-8799
Kenneth.C.Thiemann@water.oregon.gov

From: Gabe Williams <gabe@rsiengr.com>
Sent: Wednesday, June 29, 2022 6:53:37 AM
To: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>; Howard, Elizabeth E. <FHoward@schwabe.com>; Langford, Shonee D. <SLangford@schwabe.com>; Mike Pati <mpati@pape.com>; Thane, Lindsay M. <LThane@schwabe.com>
Cc: Benn Eilers <benn@rsiengr.com>; KOWITZ Chris C * WRD <Chris.C.KOWITZ@water.oregon.gov>
Subject: Re: T-13873 [IWOV-PDX.FID4642980]

Good morning Ken. I'm back around my computer. Did you need any additional information on the meters to determine if the layout will work? We are under a bit of a time crunch for T-13873. Thank you and have a great day.

Gabe
Gabe Williams, PE, CWRE



1180 SW Lake Rd. Ste 202
Redmond, OR 97756
cell 541.771.6911
www.rsiengr.com

On Mon, Jun 27, 2022 at 12:00 PM Gabe Williams <gabe@rsiengr.com> wrote:

The diversion will still be upstream. We will be using a Seametrics ex or a ag-3000 in-line. Both with be instantaneous and totalizing. The outflow at Bear Creek is a ex-100/200 series seametrics. Sorry I'm in the field or I could give you better details.

On Mon, Jun 27, 2022 at 11:12 AM THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov> wrote:

Good morning Gabe,

Will the diversion be upstream or downstream of the BCR Bridge Creek Gage? Will you be using a hot tap seametrics ex? Will you please send me the specs of the flow meter used at the Bear Creek

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outfall?

"Water is always worth protecting"

Ken Thiemann

Watermaster, District #21

Oregon Water Resources Department

PO,Box 427

Condon, OR 97823

Cell Ph. (541) 969-8799

Gilliam Court House

221 S. Oregon St., Suite 221

Condon, OR 97823

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From: KOWITZ Chris C * WRD <Chris.C.KOWITZ@water.oregon.gov>
Sent: Thursday, June 23, 2022 2:00 PM
To: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>
Subject: FW: T-13873 [IWOV-PDX.FID4642980]

Hey Ken,

Let me know if would like to chat about this. I know I owe you a phone call as well, just wrapping up one more issue then I'll give you a ring.

Thanks,

Chris

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FEB 03 2026

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From: Thane, Lindsay M. <LThane@SCHWABE.com>
Sent: Thursday, June 23, 2022 1:49 PM
To: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>
Cc: 'Gabe Williams' <gabe@rsiengr.com>; Howard, Elizabeth E. <EHoward@SCHWABE.com>;

Langford, Shonee D. <SLangford@SCHWABE.com>; KOWITZ Chris C * WRD
<Chris.C.KOWITZ@water.oregon.gov>; Mike Pati <mpati@pape.com>
Subject: RE: T-13873 [IWOV-PDX.FID4642980]

Hi Ken,

I am following up see if you have reviewed Gabe's suggestion regarding the flow meter locations for T-13873 and to see whether you will be revising your Watermaster review given the location of the existing meter on Bear Creek?

If you have any questions, please do not hesitate to reach out.

Thanks,

Lindsay

Lindsay Thane

Associate

Pronouns: she, her, hers

D: 503-796-2059

lthane@schwabe.com

SCHWABE, WILLIAMSON & WYATT

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From: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>
Sent: Thursday, June 16, 2022 10:46 AM
To: Thane, Lindsay M. <LThane@SCHWABE.com>
Subject: RE: T-13873 [IWOV-pdx.FID4642980]

Good morning Lindsay,

I will review the current agreement and get back to you.

Kenneth Thiemann Jr.

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FEB 03 2026
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Watermaster District 21

(541) 969-8799

Kenneth.C.Thiemann@water.oregon.gov

From: [Thane, Lindsay M.](#)

Sent: Thursday, June 16, 2022 8:50 AM

To: 'Gabe Williams'; [THIEMANN Kenneth C * WRD](#); [KOWITZ Chris C * WRD](#); [Mike Pati](#); [Howard, Elizabeth E.](#); [Langford, Shonee D.](#)

Subject: RE: T-13873 [IWOV-pdx.FID4642980]

Good Morning Ken,

As a quick follow up to Gabe's email, if you agree with Gabe's approach of installing a totalizing flow meter at the new Bridge Creek POD and you confirm that the existing meter at the end of the pipe into the reservoir from the Bear Creek POD is sufficient, then we would ask that you consider revising your Watermaster review to recommend requiring a meter on the new Bridge Creek POD rather than on new and existing PODs as is currently recommended.

We let Corey know that we are discussing the potential flow meter conditions with you in case he needs to update the FO and superseding permit before they are published.

Thanks!

Lindsay

Lindsay Thane

Associate

Pronouns: she, her, hers

D: 503-796-2059

lthane@schwabe.com

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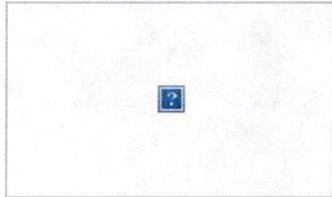
From: Gabe Williams <gabe@rsiengr.com>
Sent: Thursday, June 16, 2022 8:37 AM
To: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>; KOWITZ Chris C * WRD <Chris.C.KOWITZ@water.oregon.gov>; Mike Pati <mpati@pape.com>; Howard, Elizabeth E. <EHoward@SCHWABE.com>; Langford, Shonee D. <SLangford@SCHWABE.com>; Thane, Lindsay M. <LThane@SCHWABE.com>
Subject: T-13873

Good morning Ken,

I am touching base with you again on T-13873. I also believe that Cory from OWRD will be reaching out to you as well. It's in regards to the flow meters. We intend on installing a flow meter at the new diversion on Bridge Creek but we need to confirm that the existing Seametrics meter at the end of the pipe into the reservoir from the Bear Creek Diversion is sufficient. I have attached a basic map to show the existing/proposed meter location. Thank you.

Gabe

Gabe Williams, PE, CWRE



1180 [SW Lake Rd. Ste 202](#)

[Redmond, OR 97756](#)

cell 541.771.6911

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--
Gabe Williams, PE CWRE

(541) 771-6911
sent from mobile

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Gabe Williams, PE CWRE
(541) 771-6911
sent from mobile

Received
FEB 03 2026
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20340 Empire Ave Ste. E-8
Bend, OR 97703
(541) 771-6911

February 2nd, 2026

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

RE: Claim of Beneficial Use (COBU) submissions

Attached please find two COBU applications; one for Application R-84459 / Permit R-15535 and one for Application S-88820 / Permit R-55289, along with a check for \$690 covering both applications.

Please feel free to contact me with any questions regarding these applications.

Sincerely,

A handwritten signature in black ink that reads "Gabriel M. Williams". The signature is written in a cursive style.

GABRIEL M WILLIAMS (PRESIDENT)
RESOURCE SPECIALISTS INC.
GABE@RSIENGR.COM

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FEB 03 2026
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