

Permit Amendment

Name City of Bandon
 Attn: Torrey Contreras
 Address 555 Highway 101
Bandon, OR 97411
tcontreras@cityofbandon.org

Change in SW/GW
 Date Filed 4/17/2024
 Initial notice date 4/30/2024
 DPD issued date _____
 PD issued date _____
 PD notice date _____
 Date of FO 10/10/2025 Withdraw Vol 135 Page 745

C-Date 10/30/2025
 COBU due date _____
 COBU Received date _____
 Certificate issued _____

Assignments: _____

Irrigation District _____

Agent Theodore Ressler
tressler@summitwr.com

CWRE _____
 CC's list Coos County Planning Department

- Oversized map - Location _____

DESCRIPTION OF WATER RIGHT(S)

Name of Stream A reservoir, Geiger Creek

Trib. of Coquille River

Use Domestic County Coos

Quantity of water (CFS) _____ No. of Acres _____

Name of ditch _____

App# S-4982 Per # S-3011 Cert # _____ PR Date 6-19-1916

App# _____ Per # _____ Cert # _____ PR Date _____

App# _____ Per # _____ Cert # _____ PR Date _____

App# _____ Per # _____ Cert # _____ PR Date _____

App# _____ Per # _____ Cert # _____ PR Date _____

FEES PAID		
Date	Amount	Receipt #
<u>4-17-2024</u>	<u>\$3890.00</u>	<u>142764</u>

FEES REFUNDED		
Date	Amount	Receipt #
<u>10/27</u>	<u>1000.00</u>	<u>142764</u>

WATER RESOURCES DEPARTMENT
REQUEST FOR DISTRIBUTION OF FUNDS

TO: **Fiscal Services Section**

DATE: September 15, 2025

FROM: Arla Davis, Transfer Specialist
Phone: 503-979-3129

SUBJECT: **PERMIT AMENDMENT FILE - Request for Payment or Refund**

TRANSFER FILE #: T-14441

RECEIPT #: 142764

46111 0203
1000.00 ke

Please prepare payment in the amount of \$ 1000.00 , made payable to:

Name: Attn: Torrey Contreras
Organization: City of Bandon
Address: PO Box 67
City, State, Zip Bandon, OR 97411

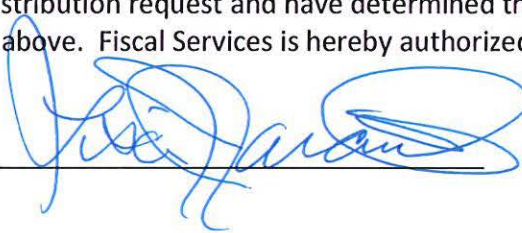
These funds are being paid or refunded as a result of (check one):

- Request for file to be Rejected/Withdrawn/Misfiled
- Excess fees were collected for application/PON
- Payment of PON
- Protest filing fee
- Other:

I have reviewed this distribution request and have determined the request to be justified as to the purpose indicated above. Fiscal Services is hereby authorized to process the requested distribution.

Authorized Signature: _____

Date: _____

 Date: 9-25-2025



Oregon

Tina Kotek, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone 503 986-0900

Fax 503 986-0904

October 10, 2025

Torrey Contreras
555 US Hwy 101
Bandon, OR 97411

ORDER ON WITHDRAWN APPLICATION

Reference: Transfer Application T-14441

The above referenced transfer application was withdrawn from the record of the Water Resources Department on October 10, 2025, by Special Order Volume 135, Page 745 (copy enclosed).

The transfer application is no further force or effect.

If you have any questions related to the withdrawal of this transfer, you may contact your caseworker, Arla Davis, by telephone at (503) 979-3129 or by e-mail at Arla.L.Davis@water.oregon.gov.

Sincerely,

David V. Jones Jr
Water Right Services Support
Transfers and Conservation Section

cc: Susan M. Douthit, Watermaster Dist. # 15 (via email)
Ted Ressler, Agent
Coos County, Local Government

Enclosure

DAVIS Arla L * WRD

From: DAVIS Arla L * WRD
Sent: Wednesday, July 23, 2025 4:18 PM
To: DILLON Justin * WRD
Subject: RE: Transfer Question

Good Afternoon Justin,

Because the GW review has not been completed and sent to me, T-14441 is still waiting for my review. I am not able to complete my determination on the application until I have the GW Review. Unfortunately the GW section has not provided any further information on when this review will be completed and sent to TACS. Until I receive the GW review, I won't be able to determine for sure if this application will be approved or denied. In reviewing T-14441 without the GW review I can tell you the following about the Permit Amendment Application:

- Permit S-3011 is authorized for 5.0 CFS from Reservoir(s) located on Geiger Creek
- Permit Amendment Application T-14441 requests the SW to GW change for a portion of the Permit, specifically, 1.0 CFS
- Pursuant to OAR 690-380-2130(7) *The original point of diversion of surface water shall not be retained as an additional or supplemental point of diversion.*
- Because the original point(s) of diversion cannot be retained and because a Permit Amendment does not separate out the portion of the right, i.e. the 1.0 CFS portion proposed for the SW to GW change, the new superseding permit would retain the new points of appropriation and the existing points of diversion as the permit would remain one water right and not result in a Remaining Right.
- When processing this application we will reference the rule I cited above, which is for Water Right Transfers and not Permit Amendments. At this time there are no existing rules for permit amendments. There is a portion of a single statute for permit amendments (ORS 537.211(4)-(9)) allowing for changes to be made and it does direct the Department to process the permit amendments ORS 540.520 (Application for change of use, place of use or point of diversion) and ORS 540.530 (Order authorizing change of use, place of use or point of diversion) and ORS 540.531(2)-(3) (Transfer of surface water point of diversion to ground water). Applications under these statutes are processed and reviewed according to OAR 690-380 (Water Right Transfers).
- Other than the things mentioned above, the application is complete.

Let me know if you would like to discuss further or if you have any questions.

Arla L. Davis

She/Her/Hers

Water Rights Transfer Specialist

Transfer and Conservation Section

725 Summer St. NE, Suite A | Salem, OR 97301 | Phone: 503-979-3129



Integrity | Service | Technical Excellence | Teamwork | Forward-Looking

Work Schedule: Mon-Th – 6:00 a.m. to 4:30 p.m.

NOTE: The Salem office is now open to the public. Given that many staff will continue teleworking remotely or have job duties that take them into the field on a regular basis, availability of staff in the office is not guaranteed 8:00 a.m. – 5:00 p.m. every day.

Customers and visitors are encouraged to schedule an appointment in advance if they wish to meet in person with specific staff members. Alternative methods for meeting, such as by phone or virtually via Teams, are also available.

From: DILLON Justin * WRD <Justin.DILLON@water.oregon.gov>
Sent: Wednesday, July 23, 2025 3:30 PM
To: DAVIS Arla L * WRD <Arla.L.DAVIS@water.oregon.gov>
Subject: Transfer Question

Good afternoon Arla,

I'm curious if you have any information on Bandon's T-14441 application. I've been actively working with the Governors Regional Solutions Team (RST) on South Coast community water system issues and Bandon came to mind given the likely drought declaration and low SW flows. About a year ago I met with Justin and Grayson for the initial GW review and the findings did not look favorable. I'm wondering about where this application is in the queue for a formal department response.

I only ask because if the response is PTD then that will be the opportunity for myself and the RST to initiate conversation with the community around funding for a off channel reservoir.

Best,

Justin Dillon

Southwest Region Manager – Field Services

10 S. Oakdale, Room 309a Medford, Oregon 97501 | Phone (w) 541-774-6884 (c) 503-507-8108



Integrity | Service | Technical Excellence | Teamwork | Forward-Looking

We're hiring! See the current list of jobs [here](#). Search for "Water Resources Department" under Company.

PERMIT AMENDMENT COVER SHEET

Transfer: T-14441

Permit Amendment Specialist:

Transfer Type: Permit Amendment Transfer

Reimbursement Authority?

Applicant: Torrey Contreras 555 US Hwy 101 Bandon, OR 97411	Agent: Ted Ressler 4784 SE 17 th Ave, Suite 111 Portland, OR 97202	CWRE:
Irrigation District:	Affected Local Gov'ts: Coos County	Affected Tribal Gov't:
BOR Notified (date):		

Permit(s) Affected

File Marked	App. File # or Decree Name	Permit Number	Superseding Permit Number
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

Key Dates & Initial Actions (Support Staff)

Rec'd: April 17, 2024	Proposed Action(s): POINT OF DIVERSION, SURFACE WATER TO GROUND WATER	
Fees Pd: 3890.00	Acknowledgement Letter Sent <input checked="" type="checkbox"/>	Basin: 17 South Coast
Initial Public Notice: 4/30/2024	County sent cc: of Ack Letter <input checked="" type="checkbox"/>	County: COOS
WM District: 15 Susan M. Douthit	WM Review request sent:	WM Review date received:
ODFW District:	ODFW Review sent:	ODFW Review date received:
Groundwater	GW Review sent:	GW Review date received:

Caseworker Actions: Newspaper Notice and other:

Newspaper notice needed: <input type="checkbox"/>	Name of Newspaper:		
Newspaper notice sent to coordinator:	Newspaper notice quote requested (NRS1):		
Request for news \$ sent:	News \$ received:		
Affidavit of publication received:	Last day of publication:		
Extension of Time? <input type="checkbox"/>	Assignment? <input type="checkbox"/>	Previous Permit Amendments? <input type="checkbox"/>	WMCP? <input type="checkbox"/>

Peer Review:

Document	Drafted	Peer Review	Coordinator	Changes Made	Signature Bin	Signature Date
FO	Date: _____ Initials: _____	Date: _____ Initials: _____	Date: _____ Initials: _____	Date: _____ Initials: _____ Data Review Date: _____	Date: _____ WM Sheet <input type="checkbox"/> ODFW Sheet: <input type="checkbox"/> No. of docs for sig: _____	Date: _____

Special Issues: _____

Special Order Volume: Vol. _____ Pages _____



Oregon

Tina Kotek, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone 503 986-0900

Fax 503 986-0904

April 23, 2024

City of Bandon
Attn: Torrey Contreras
555 US Hwy 101
Bandon, OR 97411

Reference: Application T-14441

On April 17, 2024, OWRD received your water right Permit Amendment Application. The application was accompanied by \$3890.00. Our receipt number 142764 is enclosed.

By copy of this letter, we are asking the Watermaster for a report regarding the potential for injury to existing water rights which may be caused by the requested change. A review form will also be sent to our groundwater staff to determine whether the proposed well accesses the same source of water as the original well.

This application may require publication of a notice for two consecutive weeks in a newspaper with general circulation in the area where the water right is located. If it is determined that newspaper notice will be required, the Department will prepare the notice and notify you of the cost. You will be responsible for submitting payment to the Department prior to publication of the notice.

Except as provided under ORS 540.510(3) for municipalities, you may not use water from the new point of appropriation until a final order approving the application has been issued by the Department.

Refer to the following page for a chart showing the steps and expected timelines for the processing of your application.

If you have any questions, please contact the Transfer Section at (503) 986-0935.

Cc: Watermaster Dist. #15, Susan M. Douthit (via email)
Ted Ressler, Agent
Coos County Planning Department, Local Government

Enclosure

Watermaster Review Form: Water Right Transfer



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

Transfer Application: T-14441

Review Due Date:

Applicant Name: City of Bandon

Proposed Changes: POU POD POA USE OTHER

Reviewer(s): S. Douthit

Date of Review: 06/03/2024

1. Do you have evidence that the right has not been used in the last 5 years and that the presumption of forfeiture would not likely be rebuttable? Yes No If "Yes", attach evidence (e.g. dated aerial photo showing pavement or building on the land for >5 yrs.)

2. Is there a history of regulation on the source that serves this (or these) right(s) that has involved the transferred right(s) and downstream water rights? Yes No Generally characterize the frequency of any regulation or explain why regulation has not occurred:
Right held by City of Bandon is senior on the system.

3. Have headgate notices been issued for the source that serves the transferred right(s)?
 Yes No Records not available.

4. In your estimation, after the proposed change, would distribution of water for the right(s) result in regulation of other water rights that would not have occurred if use under the original right(s) was/were maximized? Yes No If "Yes", explain:

5. In your estimation, if the proposed change is approved, are there upstream water rights that would be affected? Yes No If "Yes", describe how the rights would be affected and list the rights most affected:

6. Check here if it appears that downstream water rights benefit from return flows resulting from the current use of the transferred right(s)? If you check the box, generally characterize the locations where the return flows likely occur and list the water rights that benefit most:

N/A

7. For POD changes and instream transfers, check here if there are channel losses between the old and new PODs or within the proposed instream reach? If you check the box, describe and, if possible, estimate the losses:

N/A

8. For instream transfers that propose protection of a reach beyond the mouth of the source stream:

N/A Would the quantity be measureable into the receiving stream consistent with OAR 690-077-0015(8)? Yes No

9. For POU changes: N/A Is it likely the original place of use would continue to receive water from the same source? Yes No If "Yes", explain:

10. For POU or USE changes: N/A In your best judgment, would use of the existing right at "full face value," result in the diversion of more water than can be used beneficially and without waste? Yes No If "Yes", explain:

11. For POU changes that involve micro-irrigation: N/A

- a. Has the applicant made changes (absent a transfer) to convert to micro-irrigation within the current place of use boundary of the water right proposed for transfer, and previously demonstrated to the Department through monitoring and site inspections by the Watermaster that the proposed transfer will not result in injury or enlargement?

Yes No If "Yes", explain:

b. Has a temporary transfer of this nature been previously filed and approved on the same lands (or portions thereof) as those lands involved in this transfer?

Yes No If "Yes", answer the following:

i. Were there any problems with more acres being irrigated (or wetted) than were authorized under the temporary transfer? Yes No If "Yes", explain:

ii. Did the designated areas that were to remain dry (or not wetted) under the temporary transfer actually remain dry? Yes No If "No", explain:

iii. Did the applicant comply with and meet all of the conditions of the temporary transfer? Yes No If "No", explain:

iv. Do you have any other observations regarding the temporary transfer?

Yes No If "Yes", describe:

v. Did the applicant demonstrate to the Department through monitoring and site inspections by the Watermaster that neither injury nor enlargement occurred as a result of the temporary transfer? Yes No If "No", explain:

c. To the best of your knowledge, if this transfer is approved, does it appear that:

i. "Injury" will occur to other water rights that share the same source?

Yes No If "Yes", explain:

ii. "Enlargement" of the water right being transferred will occur?

Yes No If "Yes", explain:

12. Are there other issues not identified through the above questions that should be considered in determining whether the change "can be effected without injury to other rights"?

Yes No If "Yes", explain:

13. What alternatives may be available for addressing any issues identified above:

14. Do conditions need to be included in the transfer order to avoid enlargement of the right or injury to other rights? No Yes, as checked and provided below:

For POU changes that involve micro-irrigation, provide the monitoring and reporting conditions necessary to prevent injury/enlargement:

A Headgate should be required prior to diverting water.

Measurement Devices for POD or POA: (if this condition is selected, also fill in the top sections of Page 4)

*a. Before water use may begin under this order, the water user shall install a **totalizing flow meter***, or, with prior approval of the Director, another suitable measuring device, at each point of diversion/appropriation (new and existing) **OR** at each new point of diversion/appropriation with the exception that water rights issued to the Bureau of Reclamation or an irrigation district (or similar entity) are not subject to this condition.*

b. The water user shall maintain the meters or measuring devices in good working order.

c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.

Reservoir water use measurement: (if this condition is selected, also fill in the top sections of Page 4)

*a. Before water use may begin under this order, the water user shall install **staff gages***, or, with prior approval of the Director, other suitable measuring devices, that measure the entire range and stage between empty and full in each reservoir. Staff gages shall be United States Geological Survey style.*

b. Before water use may begin under this order, if the reservoir is located in channel, weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, an adjustable outlet valve must be installed. The water user shall maintain such devices in good working order. A written waiver may be obtained, if in the judgment of the Director, the installation of weirs or other suitable measuring devices, or the adjustable outlet valve, will provide no public benefit.

* The following alternative device(s) should be substituted for the bold, underlined device in the above selected condition:

- Weir
- Parshall Flume
- Other: _____

- Submerged Orifice
- Flow Restrictor

Oregon Water Resources Department
Measurement Condition Information for the Applicant
(To be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T- 14441

In order to avoid enlargement of the right or injury to other rights, a **totalizing flow meters** will be required to be installed **prior to diversion of water**, as a condition of this transfer:

at each point of diversion/appropriation (new and existing) OR

at each new point of diversion/appropriation.

For additional information, or to obtain approval of a different type of measurement device, the applicant should contact the area Watermaster:

Watermaster name: Susan Douthit

District: 15

Address: 1036 SE Douglas Ave.

City/State/Zip: Roseburg, OR 97470

Phone: 541-580-4961 (cell)

Email: susan.m.douthit@water.oregon.gov

Note: *If a device other than the one specified in the Preliminary Determination or Final Order is approved by the Watermaster, fill out and mail the form below to the Salem office.*

Approval of an Alternate Measurement Device T-
(to be filled out after consultation with the applicant, or after a site visit)

On behalf of the Director, I authorize use of the following suitable **alternate measurement device**:

Watermaster signature

District

Date

If this form is used for approval of an alternative measurement device, it must be mailed to:

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

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **142764**

INVOICE # _____

RECEIVED FROM: City of Bandon
BY: _____

APPLICATION	
PERMIT	
TRANSFER	<u>T-14441</u>

CASH: CHECK:# 78389 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 3,890.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$
OTHER: (IDENTIFY)	\$
0243 I/S Lease	_____
0244 Muni Water Mgmt. Plan	_____
0245 Cons. Water	_____

4270 WRD OPERATING ACCT

MISCELLANEOUS			
0407 COPY & TAPE FEES	\$		
0410 RESEARCH FEES	\$		
0408 MISC REVENUE: (IDENTIFY)	\$		
TC162 DEPOSIT LIAB. (IDENTIFY)	\$		
0240 EXTENSION OF TIME	\$		
WATER RIGHTS:			
0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$ <u>3,890.00</u>		
WELL CONSTRUCTION			
0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$
OTHER (IDENTIFY)	_____		

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD#	
0210 MONITORING WELLS	\$	CARD#	
OTHER (IDENTIFY)	_____		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND	_____	TITLE	_____
OBJ. CODE	_____	VENDOR #	_____
DESCRIPTION	_____		\$

RECEIPT: **142764**

DATED: 4-17-2024 BY: [Signature]

Application for Permit Amendment

Part 1 of 5 – Minimum Requirements Checklist



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

This permit amendment application will be returned if Parts 1 through 5 and all required attachments are not completed and included.
For questions, please call (503) 986-0900, and ask for Transfer Section.

Received

Check all items included with this application. (N/A = Not Applicable)

APR 17 2024

OWRD

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 1**
List the Permits here: [Permit S-3011](#)
Please include a separate Part 5 for each permit. (See instructions on page 6)
- Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner).
- N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>). Assignment is not needed if the applicant is the permit holder of record.
- N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- N/A Oregon Water Resources Department’s Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).

(For Staff Use Only)

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

___ Application fee not enclosed/insufficient	___ Map not included or incomplete
___ Land Use Form not enclosed or incomplete	___ Part ___ is incomplete
___ Additional signature(s) required	

Other/Explanation _____

Staff: _____ 503- _____ Date: ____/____/____

Part 2 of 5 – Permit Amendment Map Checklist

Your permit amendment application will be returned if any of the map requirements listed below are not met.

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does not have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

Received
APR 17 2024

OWRD

- N/A If more than three permits are involved, separate maps for each permit.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
- N/A If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Part 3 of 5 – Fee Worksheet

FEE WORKSHEET for PERMIT AMENDMENT			
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,360
2	Types of change proposed: <input type="checkbox"/> Place of Use <input checked="" type="checkbox"/> Point of Diversion/Appropriation Number of above boxes checked = <u>1 (2a)</u> Subtract 1 from the number in line 2a = <u>0 (2b)</u> <i>If only one change, this will be 0</i> Multiply line 2b by \$1090 and enter »	2	\$0
3	Number of permits included in Permit Amendment <u>1 (3a)</u> Subtract 1 from the number in 3a: <u>0 (3b)</u> <i>If only one permit this will be 0</i> Multiply line 3b by \$610 and enter »	3	\$0
4	Do you propose to add or change a well, or change from a surface water POD to a well? <input type="checkbox"/> No: enter 0 <input checked="" type="checkbox"/> Yes: enter \$480 for the 1 st well to be added or changed <u>\$480 (4a)</u> Do you propose to add or change additional wells? <input type="checkbox"/> No: enter 0 <input checked="" type="checkbox"/> Yes: multiply the number of additional wells by \$410 <u>\$2,050 (x5) (4b)</u> Add line 4a to line 4b and enter »	4	\$2,530
5	Do you propose to change the place of use? <input checked="" type="checkbox"/> No: enter 0 on line 5 <input type="checkbox"/> Yes: enter the cfs for the portions of the permits to be amended (see below*): _____ (5a) Subtract 1.0 from the number in 5a above: _____ (5b) If 5b is 0, enter 0 on line 5 » If 5b is greater than 0, round up to the nearest whole number: _____ (5c) and multiply 5c by \$350, then enter on line 5 »	5	\$0
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:	6	\$3,890
7	Is this permit amendment: <input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? <input type="checkbox"/> endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 If no box is applicable, enter 0 on line 7 »	7	\$0
8	Subtract line 7 from line 6 » Permit Amendment Fee:	8	\$3,890

*Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:

1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (*for S-12345, 1.25 cfs ÷ 100 ac*); then multiply by the number of acres to be changed to get the application cfs (*x 45 ac = 0.56 cfs*).
 - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (*For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs*)
2. Add cfs for the portions of permits on all the land included in the application; however do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land. The fee should be assessed only once for each "on the ground" acre included in the application. (*In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0*).

Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME City of Bandon; Attn: Torrey Contreras			PHONE NO. 541-347-2437	ADDITIONAL CONTACT NO. -
ADDRESS 555 Highway 101				FAX NO. -
CITY Bandon	STATE OR	ZIP 97411	E-MAIL tcontreras@cityofbandon.org	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

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

AGENT/BUSINESS NAME Theodore Ressler, RG, CWRE / Summit Water Resources			PHONE NO. 503-967-7050 x204	ADDITIONAL CONTACT NO. -
ADDRESS 4784 SE 17th Ave., Suite 111				FAX NO. -
CITY Portland	STATE OR	ZIP 97202	E-MAIL tressler@summitwr.com	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Explain in your own words what you propose to accomplish with this permit amendment; and why:
The City of Bandon wishes to change from surface water points of diversion to groundwater points of appropriation for a 1 cfs portion of Permit S-3011. This change is requested to enhance the reliability and redundancy of the City’s municipal supply by facilitating diversion of water during low flow conditions. As documented in Attachment 4 (Hydrogeology Report), the proposed points of appropriation are hydraulically connected to the authorized surface water source and will affect the surface water source similarly to the existing authorized points of diversion. The City intends to evaluate the extent that the proposed points of appropriation may affect existing groundwater users as part of test well drilling and aquifer testing to be completed following issuance of a final order approving the requested transfer.

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Is the applicant the permit holder of record? Yes No

Has the Completion (“C”) Date of the permit(s) in this application expired? Yes No

If YES, this application will not be accepted by the Department.

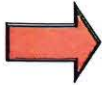
If NO, what are the completion dates of the permit(s)? 10/30/2050

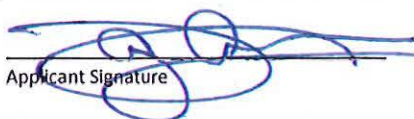
- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit Amendment Application if the completion date of the permit expires within 6 months of the date of filing this application.

By my signature below, I confirm that I understand:

- Prior to Department approval of the permit amendment, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the permit is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Bandon Western World

I (we) affirm that the information contained in this application is true and accurate.




 Applicant Signature

Torrey Contreras / City Manager
 Print Name (and Title if applicable)

 Applicant Signature

 Print Name (and Title if applicable)

3/27/2024
 Date

 Date

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Check one of the following:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

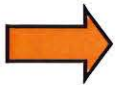
Check the appropriate box, if applicable:

- Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

- Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME Coos County Planning Department	ADDRESS 60 E. Second St.	
CITY Coquille	STATE OR	ZIP 97423



To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME City of Bandon	ADDRESS 555 Highway 101	
CITY Bandon	STATE OR	ZIP 97411

ENTITY NAME Coos County	ADDRESS 60 E. Second St.	
CITY Coquille	STATE OR	ZIP 97423

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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For a change in place of use:

Does the permit holder of record own or control the land TO which the place of use is being moved?

Yes No **NA**

If NO, the landowner of the land TO which the place of use is being moved **must be assigned to the permit as a permit holder of record** by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

Is the proposed place of use contiguous to the authorized place of use? Yes No **NA**

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use **unless** the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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Part 5 of 5 – Water Use Permit Information

Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

PERMIT # S-3011

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)
(Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
POD 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	28	S	14	W	29	SW	SE	1100	1,544.54 feet south and 218.91 feet east from the center of Section 29*
POD 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	28	S	14	W	29	NW	SE	1100	1,553 feet north and 2,390 feet west from the SE corner of Section 29**
Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	28	S	14	W	29	SW	NE	900	2,870 feet north and 1,555 feet west from the SE corner of Section 29
Well 2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	28	S	14	W	29	NW	SE	900	2,390 feet north and 1,365 feet west from the SE corner of Section 29
Well 3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	28	S	14	W	29	NE	SE	900	2,390 feet north and 965 feet west from the SE corner of Section 29
Well 4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	28	S	14	W	29	NE	SE	900	2,405 feet north and 525 feet west from the SE corner of Section 29
Well 5	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	28	S	14	W	29	SE	NE	900	2,785 feet north and 1,125 feet west from the SE corner of Section 29
Well 6	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	28	S	14	W	29	NE	SE	900	2,410 feet north and 125 feet west from the SE corner of Section 29

*Location of POD 1 changed by order of the State Engineer dated April 5, 1961 (see Attachment 2)

**POD 2 added by permit amendment T-8195 (see Attachment 2)

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

- | | |
|---|---|
| <input type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input checked="" type="checkbox"/> Surface water POD to Ground Water POA (SW/GW) |

Will all of the proposed changes affect the entire water use permit?

- Yes Complete only the proposed ("to" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

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Please use and attach additional pages of Table 2 as needed.
See page 6 for instructions.

Do you have questions about how to fill-out the tables?
Contact the Department at 503-986-0900 and ask for Transfer

Table 2. Description of Changes to Water Use Permit # S-3011

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.									Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.										
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date		
									SW/GW	28	S	14	W	19	ALL	-	-	NA	Well 1, Well 2, Well 3, Well 4, Well 5, Well 6	6/19/1916
									SW/GW	28	S	14	W	20	ALL	-	-	NA		
									SW/GW	28	S	14	W	29	ALL	-	-	NA		
									SW/GW	28	S	14	W	30	ALL	-	-	NA		
									SW/GW	28	S	14	W	31	ALL	-	-	NA		
									SW/GW	28	S	14	W	32	W 1/2	-	-	NA		
									SW/GW	28	S	15	W	24	ALL	-	-	NA		
									SW/GW	28	S	15	W	25	ALL	-	-	NA		
									SW/GW	28	S	15	W	26	ALL	-	-	NA		
TOTAL ACRES									TOTAL ACRES						NA					

Additional remarks: The City of Bandon wishes to change from surface water points of diversion to groundwater points of appropriation for a 1 cfs portion of Permit S-3011. This change is requested to enhance the reliability and redundancy of the City's municipal supply by facilitating diversion of water during low flow conditions. No other changes are being requested.

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Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? Yes No However, Permit S-3011 is used as a municipal water right and does not layer with other water rights.

If YES, list the other certificate, permit, or ground water registration numbers: Certificate 9754, Certificate 9755, Transfer T-8195, Transfer T-12632 (additional municipal use water rights held by the City of Bandon)



If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

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For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

- Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx)

AND/OR

- Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L-____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (Intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well-specific rate (cfs or gpm). If less than full rate of water right
Well 1	NO	NA	~100-125 feet	12-inches	+3 - Total Depth	0-20 feet	~50- Total Depth	~20 feet (estimated)	Pleistocene Marine Terrace Deposits	Cumulative rate of 1 cfs from all wells
Well 2										
Well 3										
Well 4										
Well 5										
Well 6										

Ressler, Ted

From: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Sent: Friday, April 12, 2024 8:57 AM
To: Dougherty, Ryan
Cc: Ressler, Ted
Subject: RE: SW-GW Transfer Question

Good Morning Ryan,

My apologies for not responding earlier to your request.

The Department grants a map scale waiver for the permit amendment application maps.

Please include a printed copy of this e-mail when you submit the permit amendment application.

Sincerely,

Kelly

Kelly Starnes, Transfer Program Analyst
(He/Him/His)
Oregon Water Resources Department
725 Summer St NE Suite A
Salem OR 97301-1271
Cell phone: 503-979-3511 Fax: 503-986-0903
E-mail: patrick.k.starnes@water.oregon.gov

Please Note: Under Oregon Law, messages to and from
this e-mail address may be available to the public.

From: Dougherty, Ryan <rdougherty@summitwr.com>
Sent: Thursday, February 1, 2024 10:27 AM
To: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Subject: RE: SW-GW Transfer Question

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

Hi Kelly,

Thanks for the guidance and information.

Please find attached the maps for the permit amendment application. We are requesting a map scale waiver for the POU map only, which utilizes a 1-inch=1,800 feet scale.

Thanks again and please let me know if you need anything else
-Ryan

Received
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From: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Sent: Thursday, January 25, 2024 9:50 AM
To: Dougherty, Ryan <rdougherty@summitwr.com>
Subject: RE: SW-GW Transfer Question

Good Morning Ryan –

You will need to request a map scale waiver from the Department for a non-standard scale map. I review the map scale waiver requests so please e-mail me your request and attach a pdf(s) of the map(s) in question. I will review the maps and respond with the Department’s decision.

Kelly

Kelly Starnes, Transfer Program Analyst
(He/Him/His)
Oregon Water Resources Department
725 Summer St NE Suite A
Salem OR 97301-1271
Cell phone: 503-979-3511 Fax: 503-986-0903
E-mail: patrick.k.starnes@water.oregon.gov

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

From: Dougherty, Ryan <rdougherty@summitwr.com>
Sent: Thursday, January 25, 2024 9:39 AM
To: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Cc: Ressler, Ted <tressler@summitwr.com>
Subject: RE: SW-GW Transfer Question

You don't often get email from rdougherty@summitwr.com. [Learn why this is important](#)
Hey Kelly,

One more quick question for this permit amendment – we are developing 2 maps (1 showing the POU, 1 for the PODs/proposed POAs). Would it be ok to use a non-standard scale for the POU map (1-inch=1,800 feet)?

Thanks,
-Ryan

From: Dougherty, Ryan
Sent: Thursday, January 11, 2024 10:07 AM
To: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Cc: Ressler, Ted <tressler@summitwr.com>
Subject: RE: SW-GW Transfer Question

Hey Kelly,

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APR 17 2024
OWRD

Sounds good, lets shoot for 1-1:30 this afternoon.

Thanks and talk to you soon
-Ryan

From: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Sent: Thursday, January 11, 2024 9:41 AM
To: Dougherty, Ryan <rdougherty@summitwr.com>
Subject: RE: SW-GW Transfer Question

Good Morning Ryan,

I have available 1:00 to 3:00 pm today (Jan. 11) and 1:00 to 3:00 pm Tuesday Jan. 16

Kelly

Kelly Starnes, Transfer Program Analyst
(He/Him/His)
Oregon Water Resources Department
725 Summer St NE Suite A
Salem OR 97301-1271
Cell phone: 503-979-3511 Fax: 503-986-0903
E-mail: patrick.k.starnes@water.oregon.gov

Please Note: Under Oregon Law, messages to and from
this e-mail address may be available to the public.

From: Dougherty, Ryan <rdougherty@summitwr.com>
Sent: Wednesday, January 10, 2024 1:18 PM
To: STARNES Patrick K * WRD <Patrick.K.STARNES@water.oregon.gov>
Cc: Ressler, Ted <tressler@summitwr.com>
Subject: SW-GW Transfer Question

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

Hi Kelly,

Hope you've been well since we last spoke. I wanted to reach out to see if you had a few minutes to discuss a surface water to groundwater transfer that Ted and I are working on as it related to potentially unwinding certain aspects of the transfer down the road if things end up not working out as we expect them to.

Please let me know if there are a few days/times that you have availability for a quick (<30 min) Teams call.

Thanks,
-Ryan

Ryan Dougherty, PE, RG
Hydrogeologist | Water Resources Engineer

Received
APR 17 2024

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AMENDED by special order

* Permit No. 3011

v. 54 pg. 199

APPLICATION FOR A PERMIT

To Appropriate the Public Waters of the State of Oregon

I, City of Bandon, Coos County, Oregon
(Name of Applicant)
Bandon Coos
(Postoffice) County of
State of Oregon, do hereby make application for a permit to appropriate the

following described public waters of the State of Oregon, subject to existing rights:

If the applicant is a corporation, give date and place of incorporation

Incorporated Feb. 18th, 1891, at Bandon, Oregon.

1. The source of the proposed appropriation is Giger Creek and the water stored in the Giger Creek Reservoir to be constructed under Application No. 6017, Permit No. R 368, tributary of Coquille River

2. The amount of water which the applicant intends to apply to beneficial use is Five cubic feet per second.

3. The use to which the water is to be applied is Domestic supplies (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located S 27° 14' E 3431.4 feet from the cor. to Secs. 32 - 33 - 4 & 5 Twp. 28 & 29 S R 14 W.W.M.

being within the NE 1/4, NE 1/4, SW 1/4 of Sec. 4, Tp. 29 S, R. 14 W, W. M., in the county of Coos

5. The pipe line to be 2.4 miles in length, terminating in the cor. bet. of Secs. 30 & 31, Tp. 28 S, R. 14 W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the ditch, canal or other works is Giger Creek Intake Pipe Line

DESCRIPTION OF WORKS

DIVERSION WORKS—

7. (a) Height of dam 30 feet, length on top 140 feet, length at bottom 15 feet; material to be used and character of construction

Earth fill with concrete core wall. Concrete wasteway around East end of dam. masonry, rock and brush, timber crib, etc., wasteway over or around dam

(b) Description of headgate 16 inch Gate Valve.

* A different form of application is provided where storage works are contemplated. These forms can be secured, without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

V54 P199 T-8195

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CANAL SYSTEM

8. (a) Give ~~dimensions~~ ^V at each point of canal where materially changed in size, stating miles from headgate. At headgate: Width on top (at water line).....feet; width on bottom.....feet; depth of water.....feet; grade.....feet fall per one thousand feet.

(b) At.....miles from headgate. Width on top (at water line).....feet; width on bottom.....feet; depth of water.....feet; grade.....feet fall per one thousand feet.

FILL IN THE FOLLOWING INFORMATION WHERE THE WATER IS USED FOR:

IRRIGATION—

9. The land to be irrigated has a total area of.....acres, located in each smallest legal subdivision, as follows:

(Give area of land in each smallest legal subdivision which you intend to irrigate)

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(If more space is required, attach separate sheet)

POWER, MINING, MANUFACTURING, OR TRANSPORTATION PURPOSES—

10. (a) Total amount of power to be developed.....theoretical horsepower.

(b) Total fall to be utilized.....feet.
(Head)

(c) The nature of the works by means of which the power is to be developed.....

(d) Such works to be located in.....of Sec.....
(Legal subdivision)

Tp....., R....., W. M.
(No. N. or S.) (No. E. or W.)

(e) Is water to be returned to any stream?.....
(Yes or No)

(f) If so, name stream and locate point of return.....

....., Sec....., Tp....., R....., W. M.
(No. N. or S.) (No. E. or W.)

(g) The use to which power is to be applied is.....

(h) The nature of the mines to be served.....

MUNICIPAL SUPPLY—

11. To supply the city of Bandon
Coos County, having a present population of 2500, and an
estimated population of 10,000 in 1930

(Answer questions 12, 13, 14, and 15 in all cases)

- 12. Estimated cost of proposed works, \$ 40,000
13. Construction work will begin on or before July 1, 1917
14. Construction work will be completed on or before July 1, 1918
15. The water will be completely applied to the proposed use on or before July 1, 1920

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Water Board, accompany this application.

(Corporate Seal)

City of Bandon, Coos Co., Ore.

by Geo. P. Topping, Mayor

E B Kansrud,

Recorder of the City of Bandon.

Signed in the presence of us as witnesses:

- (1) J S Sawyer, Bandon, Oregon
(Name) (Address of witness)
(2) T Manciet, Bandon, Oregon
(Name) (Address of witness)

Remarks: \$40,000 Bonds have been voted by the people for this work, but
the issue has not been sold.

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STATE OF OREGON,
County of Marion } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion, as follows:

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before, 191...

WITNESS my hand this... day of... 191...

State Engineer.

Application No. 4982

Permit No. 3011

PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

Division No. 1 District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 19 day of June, 1916, at 8:30 o'clock a.m.

Returned to applicant for correction

Corrected application received

Approved: Jul 24 1916

Recorded in Book No. 11 of Permits, on Page 3011

John H Lewis

1 map RS \$8.00 State Engineer.

Received

APR 17 2024

STATE OF OREGON, County of Marion } ss.

OWRD

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: If for irrigation, this appropriation shall be limited to one eightieth of one cubic foot per second, or its equivalent, for each acre irrigated, and shall be subject to such reasonable rotation system as may be ordered by the proper State officer.

The use of the water under this permit shall be limited to water for domestic supply and to the waters of Giger Creek, and to the water stored in the Giger Creek, to be constructed under Application No. 5017, Permit No. R 368.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 5.0 cubic feet per second, or its equivalent in case of rotation. The priority date of this permit is June 19, 1916

Actual construction work shall begin on or before July 24, 1917

and shall thereafter be prosecuted with reasonable diligence and be completed on or before

Extended to Oct. 1, 1963; Extended to Oct. 1, 1968; BC Extended to Oct. 1, 1948; Extended to Oct. 1, 1952; Extended to Oct. 1, 1957; Extended to Oct. 1, 1973; Extended to Oct. 1978; Extended to Oct. 1, 1960; Extended to Oct. 1, 1948; Extended to Oct. 1, 1952; Extended to Oct. 1, 1957; Extended to Oct. 1, 1978; Extended to Oct. 1, 1963; Extended to Oct. 1, 1978; Witness my hand this 24th day of July, 1916

John H Lewis

State Engineer.

Permits for power development are subject to the limitation of franchises as provided in Sec. 4552, Lord's Oregon Laws, and the payment of annual fees as provided in Chapter 810, Laws of 1915.

BC 1988, BC extended to 10-1-95, 10-1-2000

Received
APR 17 2024

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STATE OF OREGON

COUNTY OF COOS

ORDER APPROVING AN ADDITIONAL POINT OF DIVERSION

Pursuant to ORS 537.211, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, PERMIT AMENDMENT 8195 submitted by

CITY OF BANDON
P.O. 67
BANDON, OREGON 97411.

The first permit to be modified is Permit 3011 with a date of priority of JUNE 19, 1916. The permit allows the use of GEIGER CREEK AND GEIGER CREEK RESERVOIR CONSTRUCTED UNDER APPLICATION 5017, PERMIT R-368, a tributary of FERRY CREEK, for DOMESTIC SUPPLY. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 5.0 cubic feet per second, if available at the authorized point of diversion: NE¼ NE¼ SW¼, SECTION 4, T 29 S, R 14 W, W.M.; S 27°14'E 3431.4 FEET FROM THE CORNER COMMON TO SECTIONS 32, 33, 4, AND 5, T 28 AND 29 S, R 14 W, W.M., or its equivalent in case of rotation, measured at the point of diversion from the source.

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2).

Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

T-8195.PKS

Page 1 of 4 Special Order Volume 54, Page 199.

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The right to use the water for the above purpose is restricted to beneficial use on the lands or place of use described

The applicant proposes an additional point of diversion, below the confluence of Ferry Creek and Geiger Creek, located:

SW¼ SE¼, SECTION 29, T 28 S, R 14 W, W.M.; 1193.45 FEET NORTH AND 2709.05 FEET EAST FROM THE SW CORNER OF SECTION 29.

THIS CHANGE TO AN EXISTING WATER PERMITS MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The quantity of water diverted at the new point of diversion, together with that diverted at the old points of diversion, shall not exceed the quantity of water lawfully available at the original points of diversion.
2. The water user shall install and maintain a headgate, an in-line flow meter, weir, or other suitable device for measuring and recording the quantity of water diverted. The type and plans of the headgate and measuring device must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.
3. Water shall be acquired from the same surface water source as the original point of diversion.
4. All other terms and conditions of the permit remain the same.
5. The water user shall install and maintain a fish screen or fish by-pass device. The type and plans of the screen or by-pass device must be approved by the Oregon Department of Fish and Wildlife prior to beginning of construction and shall be installed under the supervision of the Department of Fish and Wildlife.

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Permits 3011, 27232, and 27233, all in the name of CITY OF BANDON, are amended as described herein.

WITNESS the signature of the Water Resources
Director, affixed MAR 29 2000.


Martha O. Pagel, Director

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BEFORE THE STATE ENGINEER OF OREGON

Coos County

IN THE MATTER OF A CHANGE
IN POINT OF DIVERSION UNDER
PERMIT NO. 3011 IN THE NAME
OF THE CITY OF BANDON

ORDER

FINDINGS

- 1 -

Permit No. 3011 issued in approval of application No. 4982 in the name of the City of Bandon granted the right to appropriate not to exceed 5.0 cubic feet per second of water from Geiger (Geiger) Creek at a point of diversion located south 27° 14' east a distance of 3431.4 feet from the northwest corner of Section 4, Township 29 South, Range 14 West, W.M., for "domestic supplies" for the City of Bandon.

- 2 -

The Oregon State Game Commission has constructed, under the provisions of permit No. 8756, a dam across Geiger Creek immediately above its confluence with Ferry Creek, said dam being located 1544.29 feet south and 218.91 feet east from the center of Section 29, Township 28 South, Range 14 West, W.M.

- 3 -

The City of Bandon and the Oregon State Game Commission have entered into an agreement whereby the city is permitted to maintain and operate a diversion pump at the said dam.

- 4 -

The City of Bandon has submitted to the State Engineer a request for authorization to appropriate water under the provisions of permit No. 3011 by diversion at the above described Oregon State Game Commission dam instead of at the original proposed point.

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CONCLUSIONS

- 1 -

The approval of the request by the City of Bandon to authorize the diversion of water under the provisions of permit No. 3011 at the proposed new point, with the stipulation that the appropriation shall be limited to the amount of water that would be available under the permit at the original point, would not result in conflict with existing rights and would not be prejudicial to the public interest.

ORDER

It is ORDERED that the City of Bandon is hereby authorized to appropriate water under the provisions of permit No. 3011 by diversion at the point located 1544.54 feet south and 218.91 feet east from the center of Section 29, Township 28 South, Range 14 West, W.M., and that the diversion at said point shall not exceed the amount available at the point located south 27° 14' east from the northwest corner of Section 4, Township 29 South, Range 14 West, W.M.

Dated at Salem, Oregon, this 5th day of April 1961.

/s/ LEWIS A. STANLEY
State Engineer

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Land Use Information Form



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

Applicant(s): City of Bandon; Attn: Torrey Contreras

Mailing Address: 555 Highway 101

City: Bandon

State: OR

Zip Code: 97411

Daytime Phone: 541-347-2437

A. Land and Location

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

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
28S	14W	29	SWNE	900	F (Forest)	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Municipal
28S	14W	29	SENE	900	F (Forest)	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Municipal
28S	14W	29	NWSE	900	F (Forest)	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Municipal
28S	14W	29	NESE	900	F (Forest)	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Municipal
Within the service area of the City of Bandon						<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Municipal

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

City of Bandon, Coos County

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 0 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 Domestic for municipal supply

Briefly describe:

The City of Bandon is submitting a permit amendment for a 1 cfs portion of Permit S-3011 to change from existing surface water points of diversion on Ferry/Geiger Creek to proposed groundwater points of appropriation to enhance the reliability and redundancy of the City's municipal supply. No additional use of water is associated with this permit amendment beyond the existing permit authorized rate of Permit S-3011 (total of 5 cfs).

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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For Local Government Use Only

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

Please check the appropriate box below and provide the requested information

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

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

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

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APR 17 2024

Name: Crystal Orr Title: Associate Planner OWRD

Signature: Crystal Orr Digitally signed by Crystal Orr Date: 2024.03.18 12:28:25 -07'00' Phone: 541-396-7770 Date: 3/18/2024

Government Entity: Coos County Community Development

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

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____



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Technical Memorandum

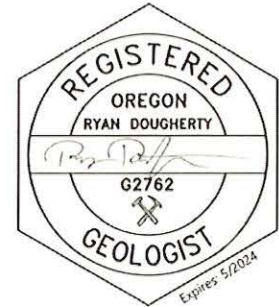
Supporting Data for a Change from Surface Water PODs to Groundwater POAs

To: City of Bandon
Torrey Contreras, MPA
Jim Youravish

From: Summit Water Resources
Ted Ressler, RG, CWRE
Ryan Dougherty, PE, RG

Date: February 1, 2024

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1. Overview

Summit Water Resources, LLC (Summit) has prepared this technical memorandum for the City of Bandon (City) to provide hydrogeologic information in support of a change from a surface water point of diversion to a groundwater point of appropriation, as required by Oregon Administrative Rules (OAR) 690-380-2130. Per these rules, a surface water use subject to transfer may change from the point of diversion (POD) to groundwater points of appropriation (POA) if the following conditions are met:

- a) The criteria of OAR 690-380-5000 are met (review criteria for all transfers).
- b) The proposed POAs appropriate groundwater from an aquifer that is hydraulically connected to the authorized surface water source.
- c) The proposed POAs will affect the surface water source 'similarly' to the authorized POD. 'Similarly' is defined as groundwater usage that will result in stream depletion of at least 50 percent of the rate of appropriation within 10 days of continuous pumping.
- d) The withdrawal of groundwater at the proposed POAs is located within 500 feet of the authorized surface water source and, when the surface water source is a stream, is also located within 1,000 feet upstream or downstream of the original POD; or, if these prescribed distances are not met, the applicant shall submit evidence prepared by a licensed geologist that demonstrates that the use of the groundwater at the proposed POAs will meet the 'similarly' criteria described above.

As noted in the accompanying permit amendment application, the City is requesting a change from surface water PODs to groundwater POAs for a 1 cubic feet per second (cfs) portion of Permit S-3011. This change is requested to enhance the reliability and redundancy of the City's municipal supply by facilitating diversion of water from the authorized surface water source under low flow conditions. Six POAs are proposed, with locations being presented on Figure 1. The locations of the six proposed POAs are outside of the rule prescribed distances from the authorized surface water

source (500 x 1,000 feet), therefore, supporting information must be provided that demonstrates the use of groundwater at the proposed POAs will meet the 'similarly' criteria described above.

2. Analysis

This section provides an analysis of the hydrogeologic information required by OAR 690-380-2130 to support a change from a surface water point of diversion to a groundwater point of appropriation.

2.1 Criteria of OAR 690-380-5000

Permit S-3011 is a water use subject to transfer and has not been cancelled. The changes proposed in the accompanying permit amendment (surface water PODs to groundwater POAs) would not result in enlargement of the water right because we expect a final order approving the permit amendment to be conditioned to ensure that there will be no increase in the rate of water use authorized under the permit as a result of the transfer, and that the quantity of water diverted at the new groundwater POAs will be limited to the quantity of water available for diversion at the original PODs. In regards to the injury assessment, Summit has identified a number of existing groundwater users in the vicinity of the proposed POAs based on a review of Oregon Water Resource Department's (OWRD) well log database, water right information system (WRIS), and well mapping information from the Oregon Department of Geology and Mineral Industries (DOGAMI). The nearest existing groundwater users are exempt domestic wells located approximately 400-600 feet north and west of the proposed POAs (Figure 1). Potential interference effects of pumping at the proposed POAs on these nearby domestic wells will be evaluated as part of the test well drilling to be completed at the start of project implementation.

2.2 Hydraulic Connection to Authorized Surface Water Source

To assess whether the proposed POAs will be in hydraulic connection to the authorized surface water source (Ferry/Geiger Creek), Summit reviewed available geologic reports¹, geologic spatial data², and well logs³ to develop a conceptual model of the local hydrogeologic system. Following review of available geologic information, Summit developed a map of surficial geology (Figure 2) and two cross sections (Figures 3 and 4) to further characterize the occurrence, extent, and thickness of hydrogeologic units in the vicinity of the City. The proposed POAs would be completed in the Marine Terrace Deposits, which are described further below. Overall, it appears highly likely that the marine terrace deposits are in hydraulic connection with the authorized surface water source.

- Marine Terrace Deposits (Qmtw, Qmtp, Qmtd): This hydrogeologic unit primarily consists of unconsolidated sand and gravel interbedded with clay and silt that were deposited in ancestral nearshore marine environments. This unit is regionally extensive and is present throughout the local area, with thicknesses commonly between 50-150 feet. Groundwater within this unit exists under unconfined conditions and is likely hydraulically connected to nearby surface waters in many locations. The majority of local wells are completed in the marine terrace deposits due to the unit's relative thickness and abundance of permeable material, which in turn produces relatively moderate well yields (~15-75 gpm).

The marine terrace deposits are a collection of various subunits including the Whiskey Run (Qmtw), Pioneer Terrace (Qmtp), and Seven Devils (Qmtd) subunits. These three subunits are the most extensive subunits in the vicinity of the City (see Figure 2). Of these three

¹ See BCWCD, 2004; Orr, 1999

² See DOGAMI, 2014 and DOGAMI, 2021

³ OWRD, 2019

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subunits, the Pioneer Terrace subunit is anticipated to have the largest saturated thickness, highest potential well yield, and greatest sustainability. Within the City’s watershed, the Pioneer Terrace subunit is estimated to have thickness of 35-125 feet, with thicknesses increasing to the east (upland) and away from Ferry and Geiger Creek (see Figures 3 and 4).

A hydrogeologic study prepared for the Bandon Cranberry Water Control District (BCWCD, 2004) in cooperation with OWRD estimated the following hydraulic properties for the marine terrace deposits at a site approximately 0.25-miles north of the proposed POAs⁴.

Table 1. Hydraulic Properties of the Marine Terrace Deposits (BCWCD, 2004)

Parameter	Symbol	Units	Reported Value
Hydraulic Gradient	i	dimensionless	0.02
Transmissivity	T	gpm/ft	3,740
Horizontal Hydraulic Conductivity	K _h	feet/day	10
Vertical Hydraulic Conductivity	K _v	feet/day	0.042
Specific Yield / Storativity	s	dimensionless	0.0002

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2.3 Groundwater Use Affecting the Authorized Surface Water Source Similarly

To evaluate whether the proposed POAs will affect the authorized surface water source similarly, an analytical stream depletion model was used. Based on the conceptual model of the local hydrogeologic system, the Jenkins (1970) model seems most appropriate, however Hunt (1999) model was also evaluated in the event that finer grained sediments are present beneath Ferry/Geiger creek. Input parameters for the stream depletion model are provided below in Table 2.

Table 2. Input Parameters for Stream Depletion Model

Parameter	Symbol	Units	Value	Data Source
Groundwater pumping rate	Q _w	cfs	1	Portion of Permit S-3011 involved in the permit amendment
Pumping duration	t _{pon}	days	10	OAR 690-380-2130
Perpendicular distance to stream	a	feet	1,700	Distance of furthest proposed POA (Well 6)
Well depth	d	feet	125	Estimated depth of proposed POAs
Aquifer hydraulic conductivity	K	feet/day	10	BCWCD, 2004 for Marine Terrace Deposits
Aquifer saturated thickness	b	feet	100	Estimated from cross sections (Figures 3-4)
Aquifer specific yield	S	*	0.0002	BCWCD, 2004 for Marine Terrace Deposits
Aquitard vertical hydraulic conductivity	K _{va}	feet/day	0.042	BCWCD, 2004 for Marine Terrace Deposits
Aquitard saturated thickness	b _a	feet	1	Assumed
Aquitard thickness below stream	b _{abs}	feet	1	Assumed
Aquitard porosity	n	*	0.4	Midrange value for silt from Woessner, 2020
Stream width	w _s	feet	10	Estimated from aerial imagery

⁴ See Gardner Site in Table 5.4 of BCWCD, 2004

Stream depletion model results are included as Appendix 1 to this technical memorandum and OWRD summarized below for both the Jenkins and Hunt models:

- Jenkins (1970): Using the Jenkins model, after 10 days of continuous pumping at 1 cfs a stream depletion of 86 percent is estimated, which exceeds the minimum criteria of 50 percent to meet the definition of affecting the authorized surface water source 'similarly'.
- Hunt (1999): Using the Hunt model, after 10 days of continuous pumping at 1 cfs a stream depletion of 56 percent is estimated, which exceeds the minimum criteria of 50 percent to meet the definition of affecting the authorized surface water source 'similarly'.

3. Conclusion

In summary, the changes proposed in the accompanying permit amendment application (surface water PODs to groundwater POAs) meet all of the criteria of OAR 690-380-2130. Specifically:

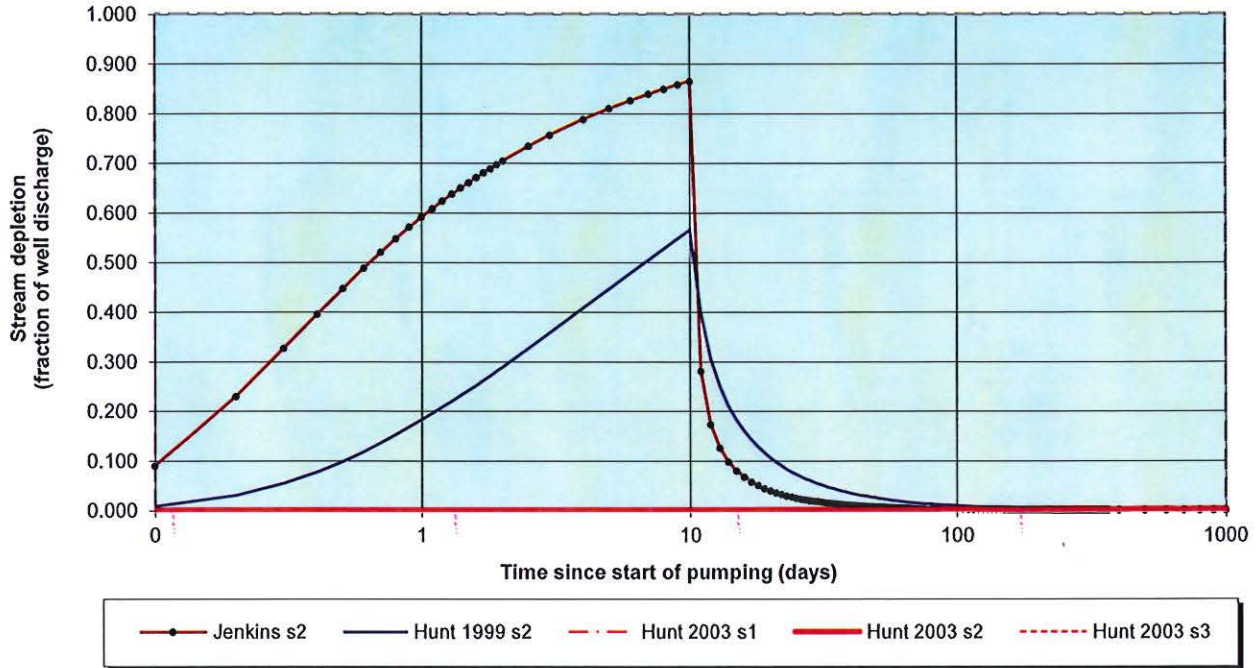
- a) Permit S-3011 is a water right subject to transfer and has not been cancelled, and the proposed changes would not result in enlargement or injury.
- b) The conceptual model of the hydrogeologic setting suggests that the Marine Terrace Deposits are in hydraulic connection with the authorized surface water source.
- c) Stream depletion modeling was performed using a combination of measured aquifer parameters and conservative assumptions. Results of the stream depletion modeling indicate that the proposed POAs will affect the authorized surface water source 'similarly', as defined in OAR 690-380-2130.

4. References

- BCWCD, 2004 Phase Two Groundwater Resources Study. Prepared by Golder Associates, Inc. for the Bandon Cranberry Water Control District in cooperation with the Oregon Water Resources Department. February 2004.
- DOGAMI, 2014 Geologic Map of the Southern Oregon Coast Between Port Orford and Bandon, Curry and Coos Counties, Oregon. Open File Report O-14-01. Oregon Department of Geology and Mineral Industries. 2014.
- DOGAMI, 2021 Geologic Map of the Southern Oregon Coast Between Bandon, Coquille, and Sunset Bay, Coos County, Oregon. Open File Report O-15-04. Oregon Department of Geology and Mineral Industries. 2021.
- DEQ, 2021 Facility Profiler Lite Interactive Mapping Viewer. Oregon Department of Environmental Quality. Accessed June 21, 2021.
- Orr, 1999 Geology of Oregon. Authored by William and Elizabeth Orr. Published by the Kendall/Hunt Publishing Company. 1999.
- OWRD, 2019 Drinking Water Wells By Section 1M++ (ID: 174). Oregon Water Resources Department and Oregon Geospatial Enterprise (GEO) Office. 2019.
- Woessner, 2020 Hydrogeologic Properties of Earth Materials and Principles of Groundwater Flow. The Groundwater Project, Guelph, Ontario, Canada. 2020.

Appendix 1 Stream Depletion Results

Transient Stream Depletion (Jenkins, 1970; Hunt, 1999, 2003)



Output for Stream Depletion, Scenerio 2 (s2):					Time pump on (pumping duration) = 10 days							
Days	30	60	90	120	150	180	210	240	270	300	330	360
J SD	1.7%	0.5%	0.3%	0.2%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
H SD 1999	5.3%	1.8%	1.0%	0.6%	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.1%	0.1%
H SD 2003	0.01%	0.06%	0.14%	0.07%	0.07%	0.05%	0.09%	0.14%	0.13%	0.13%	0.13%	0.12%
Qw, cfs	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
H SD 99, cfs	0.053	0.018	0.010	0.006	0.004	0.003	0.003	0.002	0.002	0.002	0.001	0.001
H SD 03, cfs	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Parameters:		Scenario 1	Scenario 2	Scenario 3	Units
Net steady pumping rate of well	Qw	1.00	1.00	1.00	cfs
Time pump on (pumping duration)	tpon	10	10	10	days
Perpendicular from well to stream	a	1700	1700	1700	ft
Well depth	d	125	125	125	ft
Aquifer hydraulic conductivity	K	10	10	10	ft/day
Aquifer saturated thickness	b	100	100	100	ft
Aquifer transmissivity	T	1000	1000	1000	ft*ft/day
Aquifer storativity or specific yield	S	0.0002	0.0002	0.0002	
Aquitard vertical hydraulic conductivity	Kva	0.042	0.042	0.042	ft/day
Aquitard saturated thickness	ba	1	1	1	ft
Aquitard thickness below stream	babs	1	1	1	ft
Aquitard porosity	n	0.4	0.4	0.4	
Stream width	ws	10	10	10	ft
Streambed conductance (lambda)	sbc	0.420000	0.420000	0.420000	ft/day
Stream depletion factor	sdf	0.578000	0.578000	0.578000	days
Streambed factor	sbf	0.714000	0.714000	0.714000	
input #1 for Hunt's Q_4 function	t'	1.730104	1.730104	1.730104	
input #2 for Hunt's Q_4 function	K'	121.380000	121.380000	121.380000	
input #3 for Hunt's Q_4 function	epsilon'	0.000500	0.000500	0.000500	
input #4 for Hunt's Q_4 function	lamda'	0.714000	0.714000	0.714000	



Oregon Water Resources Department Fee Calculation for Permit Amendment

Today's Date: Thursday, February 1, 2024	Fee Calculation
Base Fee (includes one type of change to one permit for up to 1 cfs)	\$1,360.00
Fill in information below-- Check each box that applies.	
Types of Change Proposed:	
<input type="checkbox"/> Place of Use	
<input checked="" type="checkbox"/> Point of Diversion (POD)/Appropriation (POA); and/or Additional POD/POA; and/or SW POD to GW POD	\$0.00
Enter total number of permits included in application. <input type="text" value="1"/>	\$0.00
<input checked="" type="checkbox"/> Check this box if you propose to add or change a well location, or change from a surface water POD to a well.	\$480.00
Enter total number of groundwater wells (POAs) included in permit amendment. <input type="text" value="6"/>	\$2,050.00
<input type="checkbox"/> Check this box if you propose to change the place of use for a NON-irrigation permit.	
<input type="checkbox"/> Check this box if you propose to change the place of use for an irrigation permit.	
Total Transfer CFS(rounded up to the next whole cfs):	<input type="text"/>
Subtotal:	\$3,890.00
Check each box that applies.	
<input type="checkbox"/> The transfer is necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932.	
<input type="checkbox"/> The transfer is endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat.	
Discount	<input type="text"/>
Permit Amendment Fee:	\$3,890.00
<input type="button" value="Return to Edit"/> <input type="button" value="Clear"/>	

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APR 17 2024
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April 11, 2024

Mr. Lisa Jaramillo
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271

Subject: Application for a Permit Amendment
Permit S-3011, City of Bandon

Ms. Jaramillo:

On behalf of the permit holder, please find enclosed an application for a permit amendment for Permit S-3011 (Application S-4982). Please also find enclosed a check in the amount of \$3,890 for payment the permit amendment fee.

If you have any questions regarding the enclosed transfer application, please call me at 503-967-7050. Please copy me on any correspondence regarding this application.

Respectfully submitted,

Theodore Ressler, RG, CWRE
Summit Water Resources LLC.

Cc: Torrey Contreras – City of Bandon

Enclosures:

Application for a Permit Amendment for Permit S-3011
Check #78389 in the amount of \$3,890

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Permit Amendment Application Intake Checklist

Permit Amendment # T-

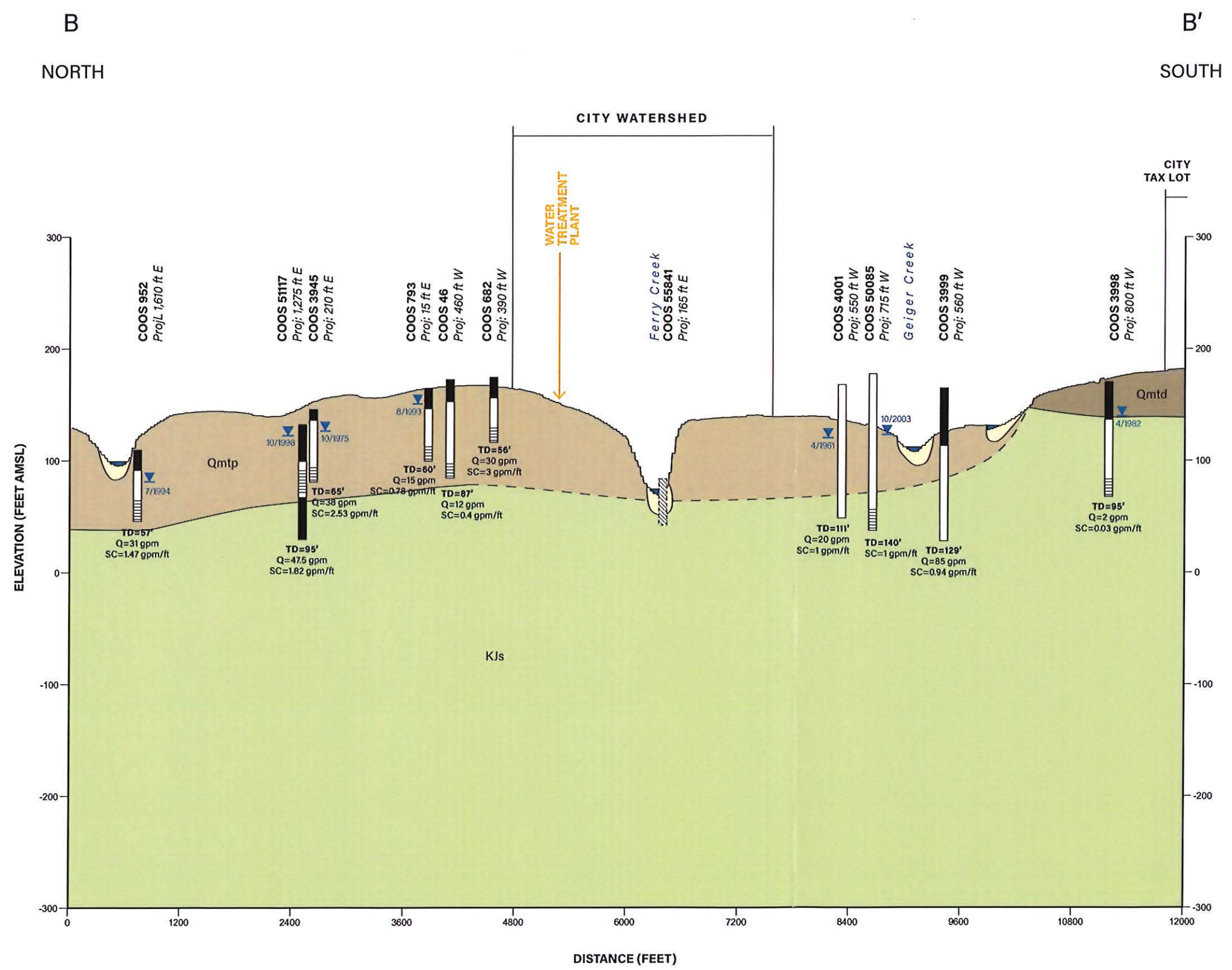
Reviewer <i>Scott</i>	Type of Change(s) Proposed:					
Date <i>4/18/24</i>	<input type="checkbox"/> POU	<input type="checkbox"/> POD	<input type="checkbox"/> APOD	<input type="checkbox"/> POA	<input type="checkbox"/> APOA	<input checked="" type="checkbox"/> SW to GW
Calculated Fee \$				Fee Received \$ <i>3890</i>		
Permit: <i>S-3011</i>	Completion Date: <i>10/30/2050</i>		Check <u>ALL</u> Permits in WRIS to confirm completion date is not expired			
Permit:	Completion Date:					
Permit:	Completion Date:					
Notes:						

Application:				
1.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	Have <u>ALL</u> of the applicant's signed and dated the application? If no, whose signature is missing?	
2.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	Part 5 of application: Does the information match the description of the explanation on Part 4 of the application?	
3.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	For multiple permits: Each permit proposed for transfer has their own separate completed Part 5, Tables 1 & 2? If no, which permit(s) are missing separate Part 5, Tables 1 & 2?

Map Requirements:				
4.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	Map included & to scale? (Separate map for each permit if more than 3 permits)	
5.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	Map Waiver? The map waiver must be issued by the Department
Notes:				

Attachments:				
6.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	Has the Permit Completion Date expired? (If yes, we cannot accept)	
7.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	Land Use Form included and signed by the County?
8.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	Consent Form included, signed, & notarized (for applicants who are not a permit holder of record)?
9.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	Assignment?
10.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	For changes in POA/APOA – are the well logs included?
11.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	For change in POU within Umatilla County, Supplemental Form U included?

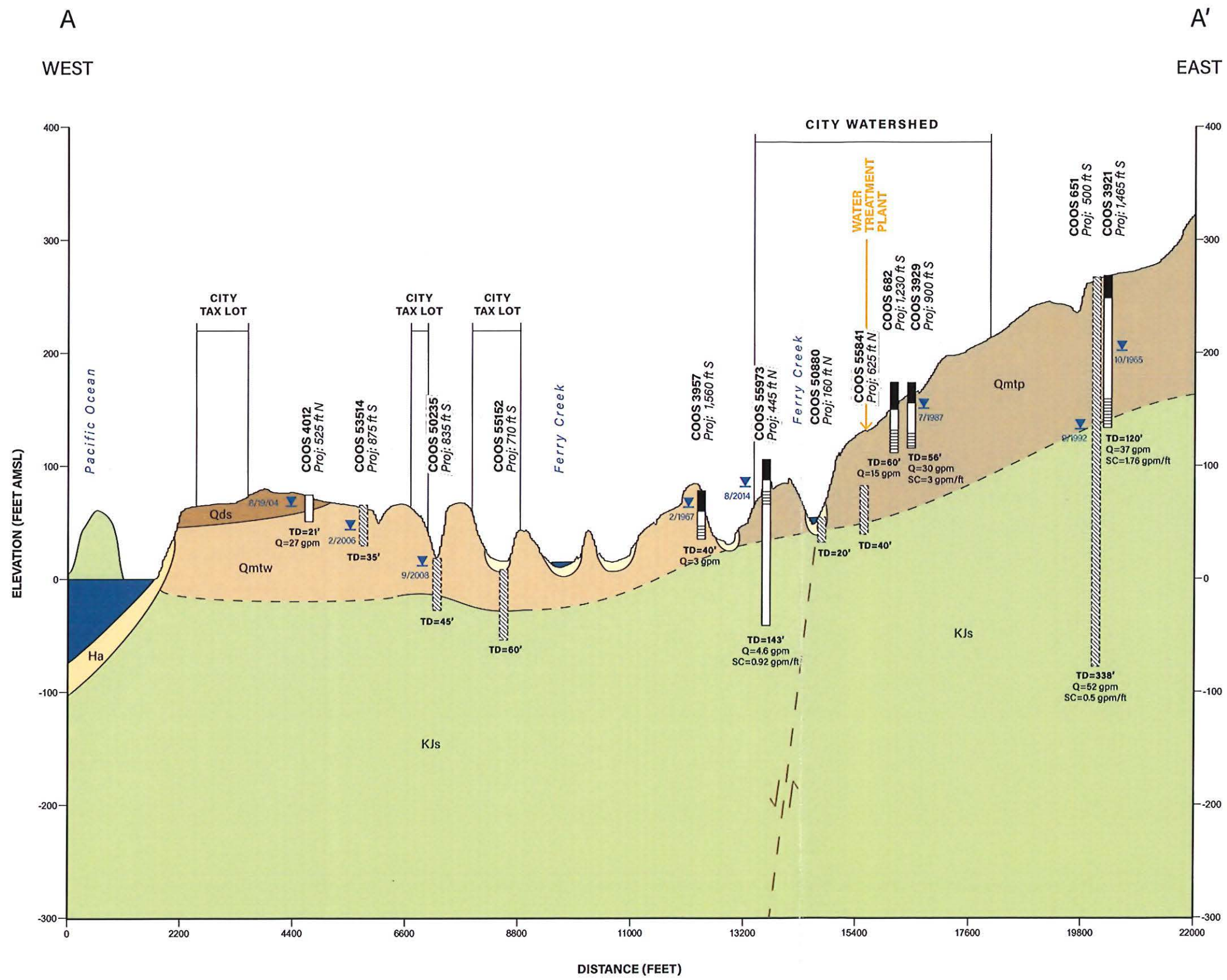
<input checked="" type="checkbox"/>	Application complete: no deficiencies identified, assign a T-number and put this checklist in T-folder.
<input type="checkbox"/>	Application DEFICIENT: DO NOT accept - return to applicant with letter explaining deficiencies identified.



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 OWRD
 Date: 2/1/2024

Figure 4
Cross Section B-B'
 City of Bandon





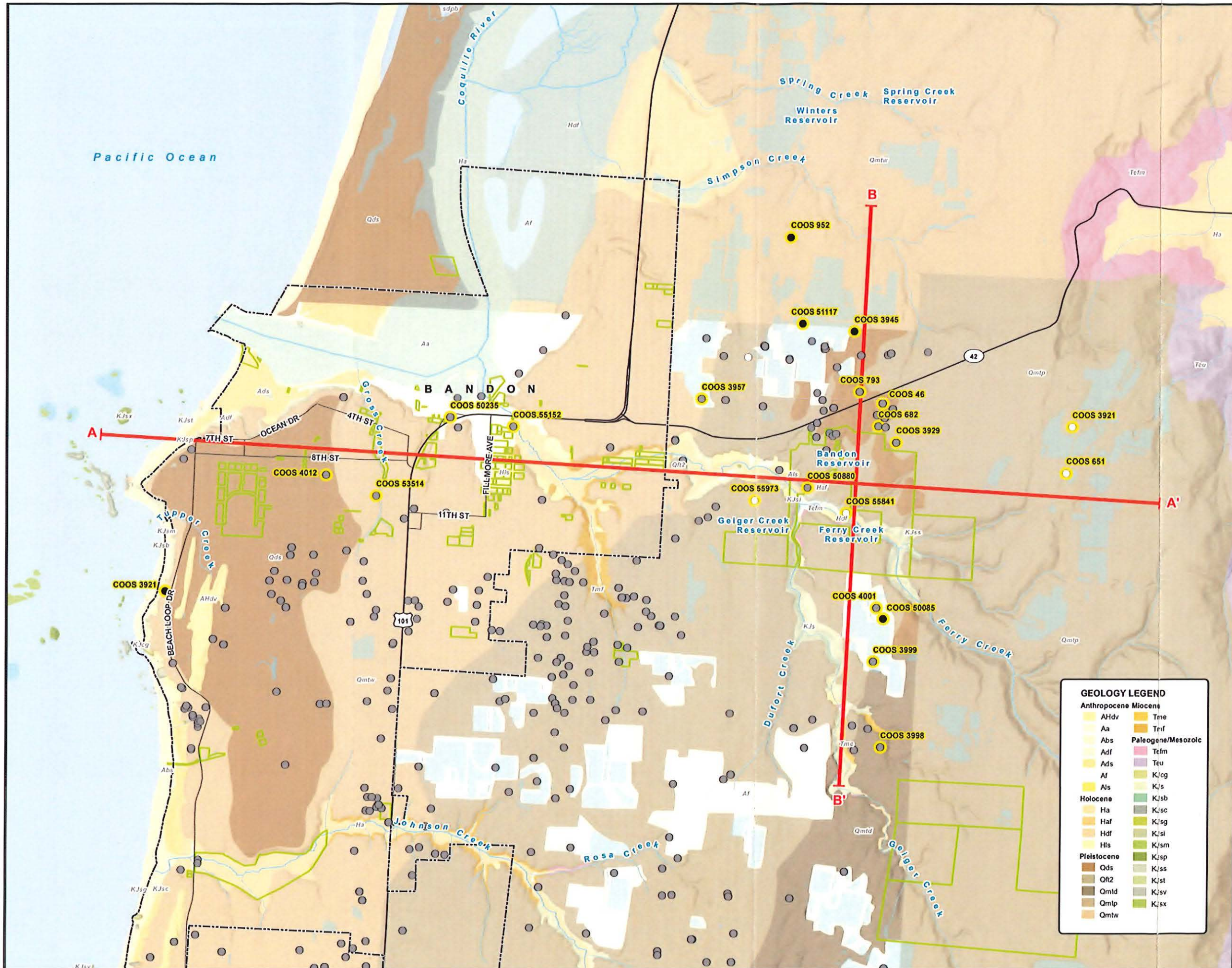
Received
 APR 17 2024
 OWRD

Date: 2/1/2024

Figure 3
Cross Section A-A'

City of Bandon





- LEGEND**
- Cross Section Well
 - Summit Located Well/Boring
 - DOGAMI Located Well/Boring
 - OWRD Located Well/Boring
 - Cross Section Line
 - City-Owned Tax Lot
- All Other Features**
- Urban Growth Boundary
 - Major Road
 - Railroad
 - Watercourse
 - Waterbody

GEOLOGY LEGEND

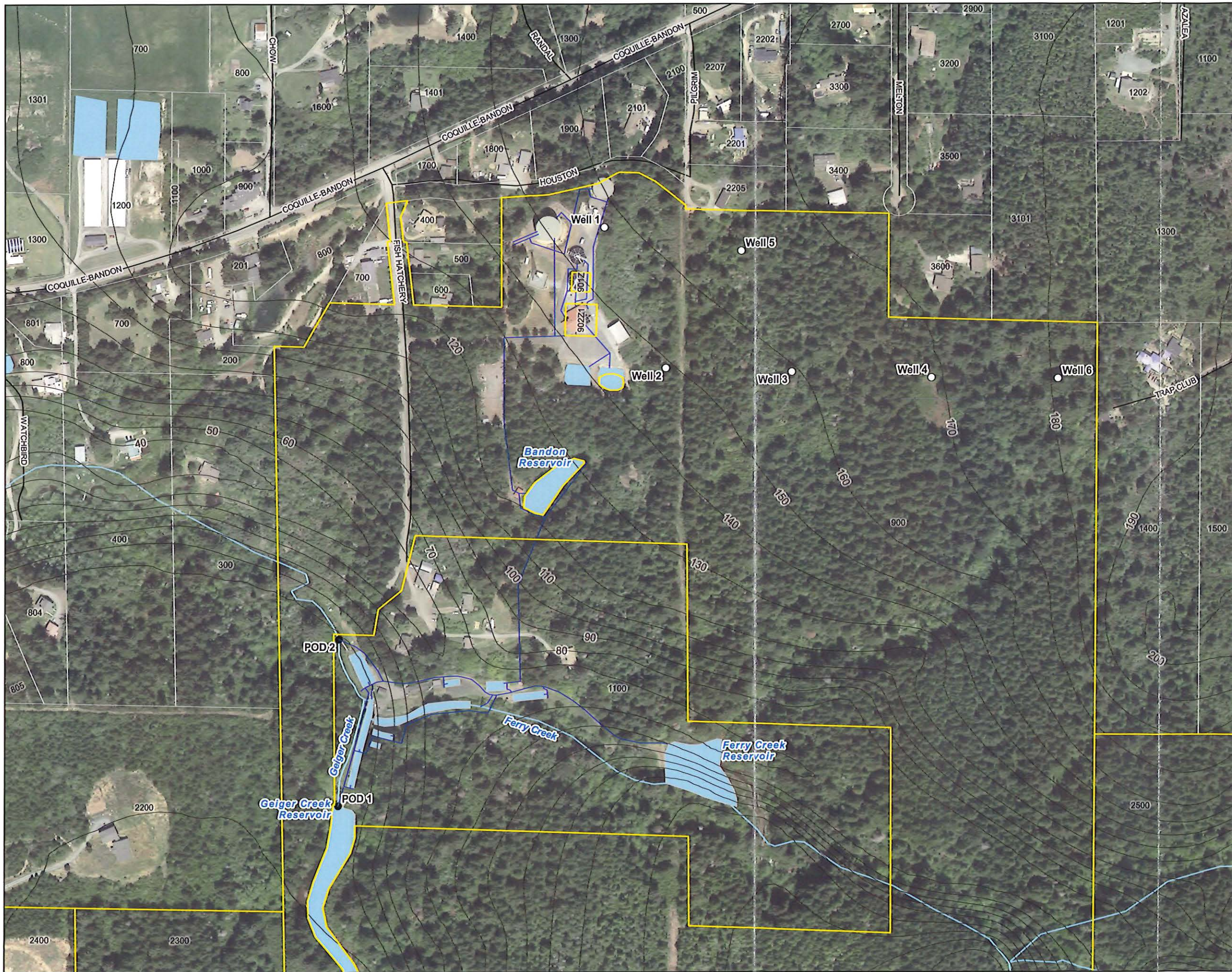
Anthropocene/Miocene		Paleogene/Mesozoic	
AHdv	Tme	Tefm	K'og
Aa	Tmf	Teu	K's
Abs		K'jsb	K'isc
Adf		K'jsg	K'si
Ads		K'sm	K'sp
Al		K'ss	K'st
Als		K'sv	K'sx
Holocene			
Ha			
Haf			
Hdf			
Hls			
Pleistocene			
Qds			
Qt2			
Qmd			
Qmlp			
Qmtw			

Received
 APR 17 2024
 OWRD

Data Sources: BLM, ESRI, USGS, OWRD, DOGAMI
 Date: 2/1/2024

Figure 2
Surficial Geology and Cross Section Transects
 City of Bandon





- LEGEND**
- Existing PODs
 - Proposed POAs
 - ▭ City Watershed
 - ▭ Taxlots
 - ▭ Waterbody
 - Surface Water
 - Existing Transmission
 - Roads
 - Ground Surface Contour (10 ft)

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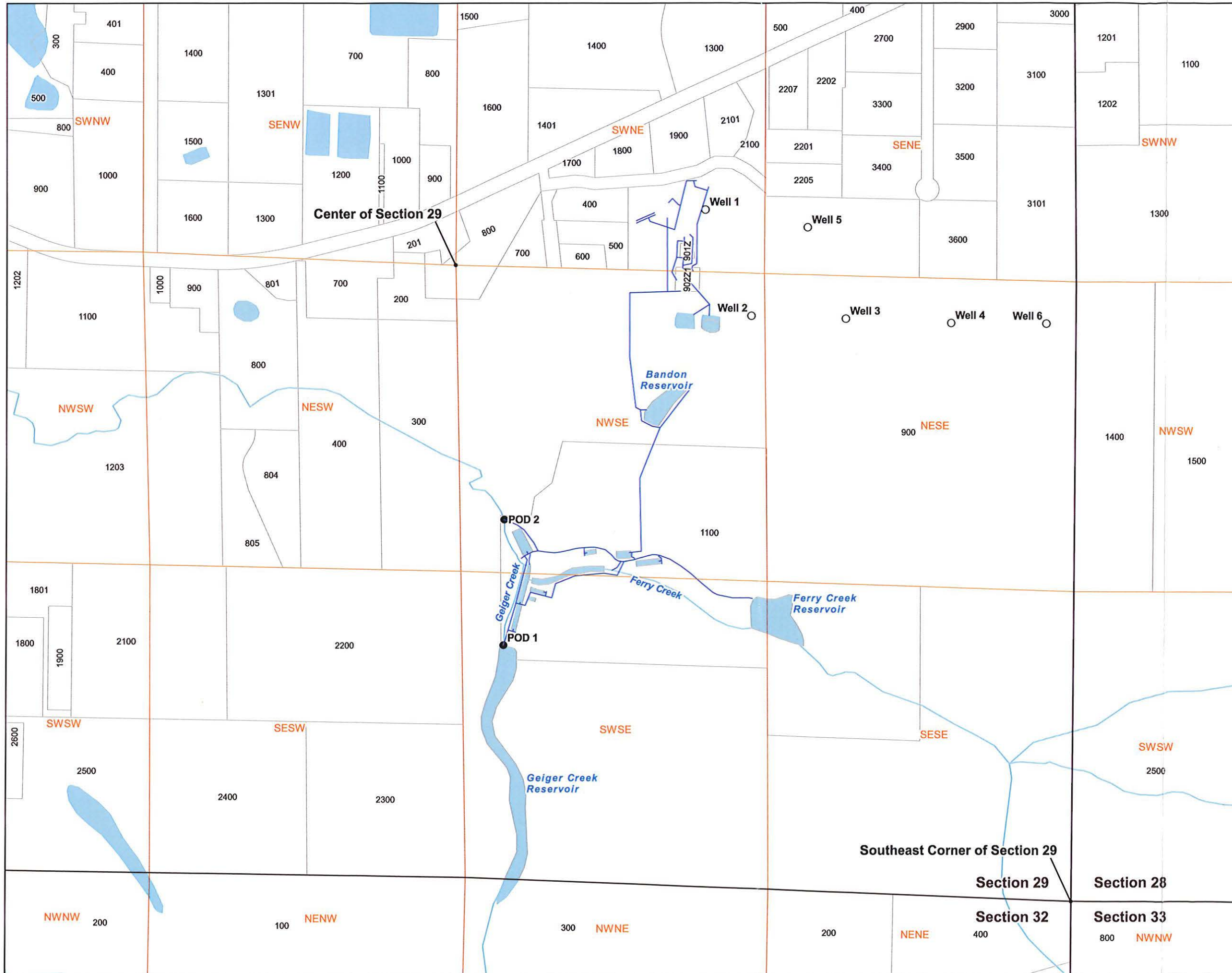


Data Sources: Coos County, ESRI, ODOT, USGS, OWRD
 Date: 2/1/2024

Figure 1
Proposed POA Locations

City of Bandon

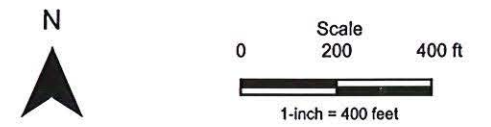




- LEGEND**
- Authorized Point of Diversion (POD)
 - Proposed Point of Appropriation (POA)
 - ▭ City Urban Growth Boundary (UGB)
 - ▭ Sections
 - ▭ Quarter Quarters
 - ▭ Donation Land Claims (DCs)
 - ▭ Government Lots (GLs)
 - ▭ Property Lines
 - ▭ Surface Water
 - ▭ Transmission Line

- POD Location Descriptions**
- POD 1 1,544.54 feet south and 218.91 feet east from the center of Section 29
 - POD 2 1,553 feet north and 2,390 feet west from the SE corner of Section 29
 - Well 1 2,870 feet north and 1,555 feet west from the SE corner of Section 29
 - Well 2 2,390 feet north and 1,365 feet west from the SE corner of Section 29
 - Well 3 2,390 feet north and 965 feet west from the SE corner of Section 29
 - Well 4 2,405 feet north and 525 feet west from the SE corner of Section 29
 - Well 5 2,785 feet north and 1,125 feet west from the SE corner of Section 29
 - Well 6 2,410 feet north and 125 feet west from the SE corner of Section 29

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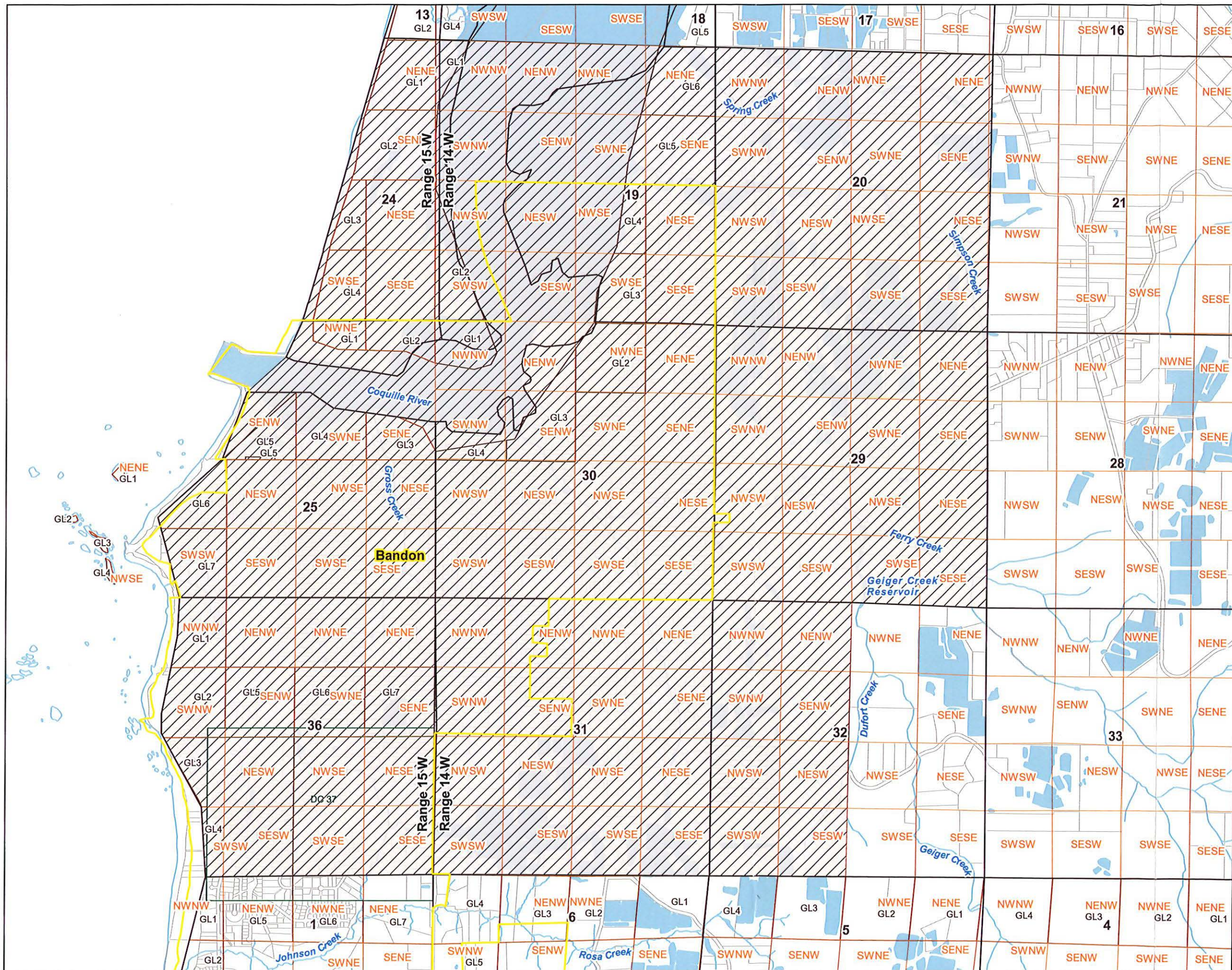


Date: 2/2/2024
 Data Sources: BLM, ESRI, OWRD, USGS, Coos Co.
 Disclaimer: This map is not intended to provide legal dimensions or property ownership lines.

**Application for a Permit Amendment
 Point of Diversion Map
 Permit S-3011**

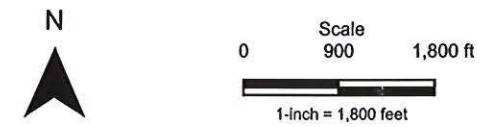
A Water Right held by the City of Bandon
 Township 28 South, Range 14 West, (W.M.)
 Coos County





- LEGEND**
- Authorized Point of Diversion (POD)
 - Proposed Point of Appropriation (POA)
 - ▨ Authorized Place of Use (POU)
 - ▭ City Urban Growth Boundary (UGB)
 - ▭ Sections
 - ▭ Quarter Quarters
 - ▭ Donation Land Claims (DCs)
 - ▭ Government Lots (GLs)
 - ▭ Property Lines
 - ▭ Surface Water

Received
 APR 17 2024
 OWRD



Date: 2/2/2024
 Data Sources: BLM, ESRI, OWRD, USGS, Coos Co.
 Disclaimer: This map is not intended to provide legal dimensions or property ownership lines.

**Application for a Permit Amendment
 Place of Use Map
 Permit S-3011**

A Water Right held by the City of Bandon
 Township 28 South, Ranges 14 and 15 West, (W.M.)
 Coos County

