

Application for a Permit to Use Groundwater



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME Bally Bandon L.L.C. Attn: Michael L. Keiser			PHONE (HM)
PHONE (WK) 541-347-5959	CELL		FAX
ADDRESS 2450 N. Lakeview			
CITY Chicago	STATE IL	ZIP 60614	E-MAIL* dcrowe@bandondunesgolf.com

Organization

NAME Bally Bandon L.L.C. Attn: Michael L. Keiser		PHONE 541-347-5959	FAX
ADDRESS 2450 N. Lakeview			CELL
CITY Chicago	STATE IL	ZIP 60614	E-MAIL* dcrowe@bandondunesgolf.com

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

AGENT / BUSINESS NAME Warren Felton / Bandon Dunes Golf Resort		PHONE 541-347-5751	FAX 541-347-5754
ADDRESS 57744 Round Lake Drive			CELL 541-297-1079
CITY Bandon	STATE OR	ZIP 97411	E-MAIL* wfelton@bandondunesgolf.com

Note: Attach multiple copies as needed

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

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By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

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

Michael L. Keiser
Applicant Signature

Michael L. Keiser, Manager
Print Name and Title if applicable

10-23-20
Date

Applicant Signature

Print Name and Title if applicable

Date

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- YES, there are no encumbrances.
- YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
- NO, I have a recorded easement or written authorization permitting access.
- NO, I do not currently have written authorization or easement permitting access.
- NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
- NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. *(Attach additional sheets if necessary)*. **NOT APPLICABLE**

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

Township	Range	Section	¼ ¼	Tax Lot #	Water to be:			Proposed Land Use:
27S	14W	20	SW-NE	1200	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Golf Course-related turf irrigation and other year-round commercial uses (potable water source, maintenance activities and household use)
			NE-NW	100	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			SE-NW	100	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			SW-NW	100	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
			NE-SW	100	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NE-SW	400	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-SW	100	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-SW	400	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-NE	1000	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-NE	1100	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-NW	100	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

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SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
L-129835	Whiskey Run Creek	2,400 feet	60 feet
	Pacific Ocean	1,340 feet	127 feet
L-129836	Whiskey Run Creek	2,031 feet	55 feet
	Pacific Ocean	1,720 feet	124 feet

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary)*.

Well L-129835 is designated as the source of potable water for the Sheep Ranch Golf Course. As such it will be pumped only as needed for potable use purposes and some commercial uses. Potable water will be stored in a 2,500-gallon tank

and distributed as needed to facilities around the property. Future potable water demand on the property is anticipated to include up to 100 households.

Well L-129836 will be used as a source of irrigation water to a total of 42.3 acres, which includes non-course facilities such as the driving range, turf nursery, agronomy facility, and leach field. Water for irrigation will be pumped only during the designated irrigation season (March 1 to October 31). Water is pumped to Lake Tony for temporary storage, then gravity fed to Lower Pond and a pump gallery, which will deliver irrigation water to the designated places of use as designated in the legal description above and on the attached map. During the off-season water may be pumped from this well and used other commercial uses such as equipment washing.

Both wells are equipped with an inline totalizing flow meter mounted at the wellhead. Bandon Dunes personnel will monitor the wells monthly and record volume of water pumped and depth to groundwater.

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SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: **0.30 cfs** (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER (INCHES)	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
L129835	<input type="checkbox"/>	<input checked="" type="checkbox"/>	COOS 57572	<input type="checkbox"/>	10 6 5	+1.5 - 4 +1 - 65 75 - 79	65 - 75	0 - 40	42 (7/31/19)	Gravel and Sand	79	70	60
L129836	<input type="checkbox"/>	<input checked="" type="checkbox"/>	COOS 57571	<input type="checkbox"/>	6 5	+1 - 50 65 - 73	50 - 65	3 - 28	40 (7/27/19)	Gravel and Sand	73	60	106

- * Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.
- ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
- *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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For Department Use: App. Number: _____

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in [Attachment 3](#) or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:

https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the well or proposed well located in an area where the Upper Columbia Rules apply?

Yes No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

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Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

Yes No The proposed use is for more than one cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:

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Statewide - OAR 690-033-0330 thru -0340

Is the well or proposed well located in an area where the Statewide rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve “no loss of essential habitat of threatened and endangered (T&E) fish species,” or “no net loss of essential habitat of sensitive (S) fish species.” If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

For Department Use: App. Number: _____

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 – October 31	106
Commercial	Year Round	60

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 42.3 Acres Supplemental: Acres

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

106 acre-feet (in-season irrigation only) (2.5 acre feet per acre per year)

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: (Exempt Uses: Please note that 15,000 gallons per day for single or group domestic purposes and 5,000 gallons per day for a single industrial or commercial purpose are exempt from permitting requirements.)
- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*):

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

Pump (give horsepower and type): See Below

Other means (describe):

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Well ID	Motor	Model	Pump	Type
L-129835	4" Centripro 5 hp, 230 Volt, 3 Phase	M50432	4" Goulds 35GS50 Liquid End	Submersible

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L-129836	4" Centripro 5 hp, 460 Volt, 3 Phase	M50434	4" Goulds 65GS50 Liquid End	Submersible
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Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

Water diverted from well L129835 will be used primarily for potable and commercial uses and will be conveyed via pipeline to a 2,500 gallon tank and distributed to the clubhouse, turnstile, caddy services building, and maintenance buildings. Potable water use on the property for guest accommodations and for restaurant services is anticipated.

Water pumped from well L129836 will be conveyed via underground PVC pipe to Lake Tony for temporary storage. Water is then gravity fed to Lower Pond and a pump gallery which will pump irrigation water via underground pipelines to the driving range, turf nursery, drain field, and agronomy area via underground pipe. Main pipelines are presented on the application map.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (*attach additional sheets if necessary*)

Irrigation will be via high-pressure sprinkler supplied by underground pipelines. Other uses of water may be via surface pipelines or hoses.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (*attach additional sheets if necessary*).

The water use will support the operation of the Sheep Ranch golf course and surrounding property which will be operated as part of the Bandon Dunes Golf Resort and maintained by personnel from the resort. The primary water use (irrigation), period of use, and the amount of water requested per acre matches the duty allowed under existing permit G-15437. A portion of the appropriated groundwater will also be used for commercial purposes, providing potable water to the golf course facilities, guest services, and for maintenance purposes (misc. equipment cleaning, etc.) on a year royear-round

During the irrigation season, irrigation water will be applied only in the evening and night (to minimize evaporation). Each well is equipped with an inline flowmeter mounted at the well head which will be monitored monthly to maintain a record of water appropriated from the wells. The property is situated on a bluff overlooking the Pacific Ocean and most surface water runoff will follow the topography of the land to the west and southwest, away from the only local surface water body, Whiskey Run Creek, which discharges to the Pacific Ocean near the southwestern corner of the property.

Management of irrigation water practices, and chemical (pesticide/herbicide) use, will be in accordance with plans prepared for the Bandon Dunes Golf Resort. Bandon Dunes monitors groundwater use and impacts due to pumping in accordance with the resort monitoring plan (EGR, 2001) which sets out the method of reporting quantities of water pumped and water levels at regular (monthly) intervals, establishes groundwater reference levels and monitors water quality.

SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: Originally began in 2003. Course reconstruction began in 2018
- b) Date construction will be completed: October 2022
- c) Date beneficial water use will begin: July 2020 (or final permit approval date)

SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: See below

Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.
Describe planned actions and additional permits required for project implementation:

Construction activity related to this permit will be restricted to areas greater than 500 feet from the nearest surface water body (Whiskey Run Creek)

Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: None

SECTION 9: WITHIN A DISTRICT

Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name N/A	Address	
City	State	Zip

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For Department Use: App. Number: _____

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

This permit requests the appropriation of groundwater for the beneficial use of irrigation and commercial uses, as described below. Under this permit, groundwater will be pumped from two wells. Water pumped from well L-129835 will be used primarily as a potable water source for year-round use at the clubhouse, turn stand, caddy services building, agronomy building, maintenance building, guest services (accommodations and restaurant uses) and other year-round commercial services. The water pumped from the well will be stored in a 2,500-gallon storage tank prior to distribution. Water pumped from well L-129836 will be used for in-season (March 1 – October 31) irrigation of turf at the driving range, turf nursery, agronomy area, and leach field, and for year-round commercial purposes such as equipment washing, turf chemical mixing and blending, and dust control. As with water appropriated under water right permit G-15437, the water will be directed first to a storage pond, known locally as "Lake Tony". Water will then be diverted from Lake Tony to a smaller storage pond ("Lower Pond") and then pumped to the designated Place of Use via underground pipelines and used to irrigate the golf course support facilities.

The Sheep Ranch golf course will be managed as the sixth golf course of the Bandon Dunes Golf Resort. As such it will be managed by Bandon Dunes staff and in accordance with water use, monitoring and chemical use plans already established for Bandon Dunes. These plans focus on careful monitoring of water pumped from the supply wells, changes in depth to groundwater, and minimizing the application of turf chemicals to prevent impacts to surface water and groundwater resources. These plans were prepared and submitted to OWRD in association with Bandon Dunes water right permit G-13498 and are also applied to water right G-16955.

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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.oregon.gov/OWRD

Applicant

NAME	Philip M. Friedmann for Bally Bandon Sheep Ranch			PHONE (HM)
PHONE (WK)	312-794-8481	CELL	FAX	
ADDRESS	875 North Michigan Avenue, Suite 3920			
CITY	Chicago	STATE	IL	ZIP 60611 E-MAIL* pfriedmann1@gmail.com

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:
27S	14W	20	SW-NE	1200	F	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Golf Course-related turf irrigation and other commercial uses (potable water source and maintenance activities)
			NE-NW	100		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			SE-NW	100		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			SW-NW	100		<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
			NE-SW	100		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NE-SW	400		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-SW	100		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-SW	400		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-NE	1000		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-NE	1100		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
			NW-NW	100		<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

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

Coos County

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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 Groundwater Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

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

Estimated quantity of water needed: 0.30 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 _____

Briefly describe:

Irrigation of Sheep Ranch Golf Course support facilities including a driving range, turf nursery, leach field, and agronomy operations. Commercial uses for the clubhouse, turnstand, caddy services building and maintenance and water supply for future guest accommodations.

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.

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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:	
Conditional Use	Section 4.200.67	<input checked="" 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.

NAME Jill Rolfe		TITLE: Planning Director
SIGNATURE <i>Jill Rolfe</i>	PHONE: 541-396-7770	DATE: 7/17/2020
GOVERNMENT ENTITY Coos County Planning		

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: Bally Bandon

City or County: Coos County Staff contact: Jill Rolfe

Signature: *Jill Rolfe* Phone: 541-396-7770 Date: 7/17/2020

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After Recording Return to:

D'Ancona & Pflaum LLC
111 East Wacker Drive
Suite 2800
Chicago, Illinois 60601
Attn: Allan J. Reich, Esq.

**AFTER RECORDING
RETURN TO KEY TITLE**
24-68459A T.O.

and Tax Statements to be Sent to:

Bally Bandon, L.L.C.
2450 N. Lakeview
Chicago, Illinois 60614
Attn: Michael L. Keiser

QUITCLAIM DEED

Philip M. Freidmann and Michael L. Keiser, hereinafter called grantors, for the consideration hereinafter stated, does hereby remise, release and forever quitclaim unto Bally Bandon, L.L.C., an Oregon limited liability company, hereinafter called grantee, and unto grantee's heirs, successors and assigns, all of the grantors' right, title and interest in and to the following described real property, with the tenements, hereditaments and appurtenances, situated in the County of Coos and State of Oregon, to wit:

See attached Exhibit A incorporated herein by this reference.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$1.00. However, the actual consideration consists of or includes other property or value given or promised which is the whole consideration.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE THE LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

661963.v1: 021165/002

COOS COUNTY, OREGON TOTAL \$46.00
TERRI L. TURI, CMC, COUNTY CLERK

05/07/2003 #2003-6279
02:29:00PM 1 OF 5

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EXHIBIT "A"

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ALL OF THE FOLLOWING DESCRIBED PROPERTY LYING NORTHERLY OF WHISKEY RUN ROAD:

1: The W 1/2 of the NE 1/4 of the NE 1/4 of the NW 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Excepting therefrom the West 30 feet and the North 30 feet of said premises for the purpose of a roadway. Excepting therefrom mineral and mineral oil rights reserved in instrument recorded October 30, 1945 in Book 158, Page 333, Deed Records of Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

2: Government Lot 2, Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

3: The S 1/2 of the NW 1/4 of the NE 1/4 of the NW 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Excepting therefrom mineral and mineral oils rights reserved in instrument recorded October 30, 1945 in Book 158, Page 333, Deed Records of Coos County, Oregon. Together with a non-exclusive easement for the purpose of ingress and egress to the Seven Devils Road as set forth in instrument recorded April 17, 1969 in Microfilm Reel Number 69-4-37847, Records of Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

4: The E 1/2 of the NW 1/4 and the NW 1/4 of the NE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Excepting therefrom mineral and mineral oil rights as reserved in instrument recorded October 30, 1945 in Book 158, Page 333, Deed Records of Coos County, Oregon.

EXCEPTING the S 1/2 of the NW 1/4 of the NE 1/4 of the NW 1/4 of Section 20, and the W 1/2 of the NE 1/4 of the NE 1/4 of the NW 1/4 of Section 20, and the W 1/2 of the NW 1/4 of the NW 1/4 of the NE 1/4 of Section 20.

ALSO EXCEPTING for the purpose of a roadway a non-exclusive easement 60 feet wide, beginning at the East-West centerline of the NE 1/4 of the NW 1/4 of Section, and continuing along the North-South centerline of said NE 1/4 of Section 20 to the common line between Section 20 and Section 17, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

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EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

5: The W 1/2 of the NE 1/4 of the SE 1/4 lying North of Whiskey Run Road and the E 1/2 of the NW 1/4 of the SE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Except any portion conveyed to Coos County for road purposes.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

6: That portion of the W 1/2 of the NW 1/4 of the SE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon, lying North of the present Whiskey Run Road.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

7: The George Seith Donation Land Claim No. 37, embraced in portions of Sections 19, 20, 29 and 30, in Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

8: Government Lot 3 of Section 20 and that portion of Government Lot 1, Section 19, lying North of the North line of the SW 1/4 of the NW 1/4 of Section 20, extended Westerly, all in Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

9: The SW 1/4 of the NW 1/4 of Section 20 and that portion of Government Lot 1 of Section 19 lying South of the North line of the SW 1/4 of the NW 1/4 of Section 20, extended Westerly, all in Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

10: The W 1/2 of the NW 1/4 of the NW 1/4 of the NE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

COOS COUNTY, OREGON TOTAL \$46.00
TERRI L. TURI, CMC, COUNTY CLERK

05/07/2003 #2003-6279
02:29:00PM 4 OF 5

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11: The SW 1/4 of the NE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

EXCEPTING THEREFROM TIMBER AS DESCRIBED IN TIMBER DEED RECORDED MAY 16, 1996 IN MICROFILM REEL NUMBER 96-05-0738, RECORDS OF COOS COUNTY, OREGON.

Unofficial
Copy

COOS COUNTY, OREGON TOTAL \$46.00
TERRI L. TURI, CMC, COUNTY CLERK

05/07/2003 #2003-6279
02:29:00PM 5 OF 5

After recording return to: Key-Bandon
PHILIP M. FRIEDMANN AND
MICHAEL L. KEISER
3636 N. BROADWAY
CHICAGO, IL 60613

TITLE ORDER NO: 24-68459
KEY ESCROW NO: 25-2477/cl

RETURN TO KEY TITLE & ESCROW

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WARRANTY DEED -- STATUTORY FORM
(INDIVIDUAL or CORPORATION)

JAMES MAST and MIKE MAST, Grantor,

conveys and warrants to:

PHILIP M. FRIEDMANN AND MICHAEL L. KEISER, each as to an undivided 50% interest, Grantee,

the following described real property free of encumbrances except as specifically set forth herein:

SEE EXHIBIT A WHICH IS MADE A PART HEREOF BY THIS REFERENCE

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

The true consideration for this conveyance is \$2,550,000.00 (Which is paid from and to an accommodator as part of an IRC 1031 exchange). However, if the actual consideration consists of or includes other property or other value given or promised, such other property or value was part of the/the whole of the (indicate which) consideration. If the grantor is a corporation, this has been signed by authority of the Board of Directors.

Dated this 4th day of December, 1998

GRANTOR(S):
J. Mast
JAMES MAST

Mike Mast
MIKE MAST

STATE OF OREGON, County of Coos) ss.

This instrument was acknowledged before me on December 4, 1998, by JAMES MAST and MIKE MAST

[Signature]
Notary Public for Oregon

My commission expires: _____

PAGE #: 0001 OF 0002
INST#: 1998 60458 **

12/08/1998 02:38 REC.FEE: \$38.00
COOS COUNTY, OR, DOROTHY TAYLOR - COUNTY CLERK



EXHIBIT "A"

ALL OF THE FOLLOWING DESCRIBED PROPERTY LYING NORTHERLY OF WHISKEY RUN ROAD:

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1: The W 1/2 of the NE 1/4 of the NE 1/4 of the NW 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Excepting therefrom the West 30 feet and the North 30 feet of said premises for the purpose of a roadway. Excepting therefrom mineral and mineral oil rights reserved in instrument recorded October 30, 1945 in Book 158, Page 333, Deed Records of Coos County, Oregon.

2: Government Lot 2, Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

3: The S 1/2 of the NW 1/4 of the NE 1/4 of the NW 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Excepting therefrom mineral and mineral oils rights reserved in instrument recorded October 30, 1945 in Book 158, Page 333, Deed Records of Coos County, Oregon. Together with a non-exclusive easement for the purpose of ingress and egress to the Seven Devils Road as set forth in instrument recorded April 17, 1969 in Microfilm Reel Number 69-4-37847, Records of Coos County, Oregon.

4: The E 1/2 of the NW 1/4 and the NW 1/4 of the NE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Excepting therefrom mineral and mineral oil rights as reserved in instrument recorded October 30, 1945 in Book 158, Page 333, Deed Records of Coos County, Oregon.

EXCEPTING the S 1/2 of the NW 1/4 of the NE 1/4 of the NW 1/4 of Section 20, and the W 1/2 of the NE 1/4 of the NE 1/4 of the NW 1/4 of Section 20, and the W 1/2 of the NW 1/4 of the NW 1/4 of the NE 1/4 of Section 20.

ALSO EXCEPTING for the purpose of a roadway a non-exclusive easement 60 feet wide, beginning at the East-West centerline of the NE 1/4 of the NW 1/4 of Section, and continuing along the North-South centerline of said NE 1/4 of Section 20 to the common line between Section 20 and Section 17, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

5: The W 1/2 of the NE 1/4 of the SE 1/4 lying North of Whiskey Run Road and the E 1/2 of the NW 1/4 of the SE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon. Except any portion conveyed to Coos County for road purposes.

6: That portion of the W 1/2 of the NW 1/4 of the SE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon, lying North of the present Whiskey Run Road.

7: The George Seith Donation Land Claim No. 37, embraced in portions of Sections 19, 20, 29 and 30, in Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

8: Government Lot 3 of Section 20 and that portion of Government Lot 1, Section 19, lying North of the North line of the SW 1/4 of the NW 1/4 of Section 20, extended Westerly, all in Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

9: The SW 1/4 of the NW 1/4 of Section 20 and that portion of Government Lot 1 of Section 19 lying South of the North line of the SW 1/4 of the NW 1/4 of Section 20, extended Westerly, all in Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

10: The W 1/2 of the NW 1/4 of the NW 1/4 of the NE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

11: The SW 1/4 of the NE 1/4 of Section 20, Township 27 South, Range 14 West of the Willamette Meridian, Coos County, Oregon.

PAGE #: 0002 OF 0002
INST#: 1998 60458

12/08/1998 02:38 REC FEE: \$38.00
COOS COUNTY, OR, DOROTHY TAYLOR - COUNTY CLERK

(1) **LAND OWNER**
 Owner Well I.D. 1810
 First Name MICHAEL Last Name KEISER
 Company BALLY BANDON LLC
 Address 875 N MICHIGAN AVE #3920
 City CHICAGO State IL Zip 60611

(2) **TYPE OF WORK**
 New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) **PRE-ALTERATION**

Dia	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing: 6	1	19	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Material	From	To	Amt	sacks/lbs			
Seal: Bentonite	0	18	9	Sacks			

(3) **DRILL METHOD**
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other

(4) **PROPOSED USE**
 Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other

(5) **BORE HOLE CONSTRUCTION** Special Standard (Attach copy)
 Depth of Completed Well 79.00 ft.

BORE HOLE			SEAL			sacks/lbs
Dia	From	To	Material	From	To	Amt
14	0	4	Bentonite	0	40	24 S
10	4	79				Calculated 18.8
						Calculated

How was seal placed: Method A B C D E
 Other POUR FROM SURFACE
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 40 ft. to 76 ft. Material SAND Size 8/12
 Explosives used: Yes Type _____ Amount _____

(5a) **ABANDONMENT USING UNHYDRATED BENTONITE**

Proposed Amount	Actual Amount

(6) **CASING/LINER**

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10		1.5	4	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6		1	65.16	Sch40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5		75.25	79	Sdr26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia _____ From + _____ To _____

(7) **PERFORATIONS/SCREENS**

Perf/Screen	Casing/Screen	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/pipe size
Screen	Casing	5	65.16	70.25	.025			5
Screen	Casing	5	70.25	75.25	.061			5

(8) **WELL TESTS: Minimum testing time is 1 hour**

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
16.6	4.8	63	1

Temperature 53 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount 92 ppm
 From _____ To _____ Description _____ Amount _____ Units _____

(9) **LOCATION OF WELL (legal description)**
 County coos Twp 27.00 S N/S Range 14.00 W E/W WM
 Sec 20 NW 1/4 of the NW 1/4 Tax Lot 100
 Tax Map Number _____ Lot _____
 Lat _____ " or 43.22084115 DMS or DD
 Long _____ " or -124.39157665 DMS or DD
 Street address of well Nearest address
 NO# WHISKEY RUN RD, BANDON

(10) **STATIC WATER LEVEL**

Existing Well / Pre-Alteration	Date	SWL (psi)	+ SWL (ft)
Completed Well	7/31/2019		42

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 42.00

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
7/30/2019	42	74.5	62		42

(11) **WELL LOG** Ground Elevation 149.00

Material	From	To
Sandy topsoil	0	1
Cemented sand brown orange	1	3
Sand f brown orange	3	6
Sand f w/sandy clay tan	6	9
Sand f-m brown	9	11
Sand f-m brown orange	11	13
Sandy clay w/sand f-m tan	13	18
Sand f-m tan	18	35
Sand f-c brown	35	56
Sand f-c w/gravel f brown orange	56	63
Gravel f-m w/sand c-f gray brown	63	74.5
Clay w/gravel m-f gray	74.5	77
Claystone gray	77	79
Original 6" casing was removed & hole opened to 10" & screen set & developed	77	79

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Date Started 7/29/2019 Completed 7/31/2019

(unbonded) **Water Well Constructor Certification**
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number _____ Date _____
 Signed _____

(bonded) **Water Well Constructor Certification**
 I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 License Number 1493 Date 8/7/2019
 Signed JAMES MACK SR (E-filed)
 Contact Info (optional) Bandon Well & Pump Co (541) 347-7867

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

COOS 57571

8/7/2019

Map of Hole

STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 43.2199255 Datum: WGS84

Longitude: -124.3908962

Township/Range/Section/Quarter-Quarter Section:

WM 27S 14W 20 SWNW

Address of Well:

NO# WHISKEY RUN RD, BANDON

Well Label: 129836

Printed: July 29, 2019

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DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

COOS 57572

8/7/2019

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Map of Hole

OWRD

**STATE OF OREGON
WELL LOCATION MAP**

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301

(503)986-0900



LOCATION OF WELL

Latitude: 43.22084115 Datum: WGS84

Longitude: -124.39157665

Township/Range/Section/Quarter-Quarter Section:

WM 27S 14W 20 NWNW

Address of Well:

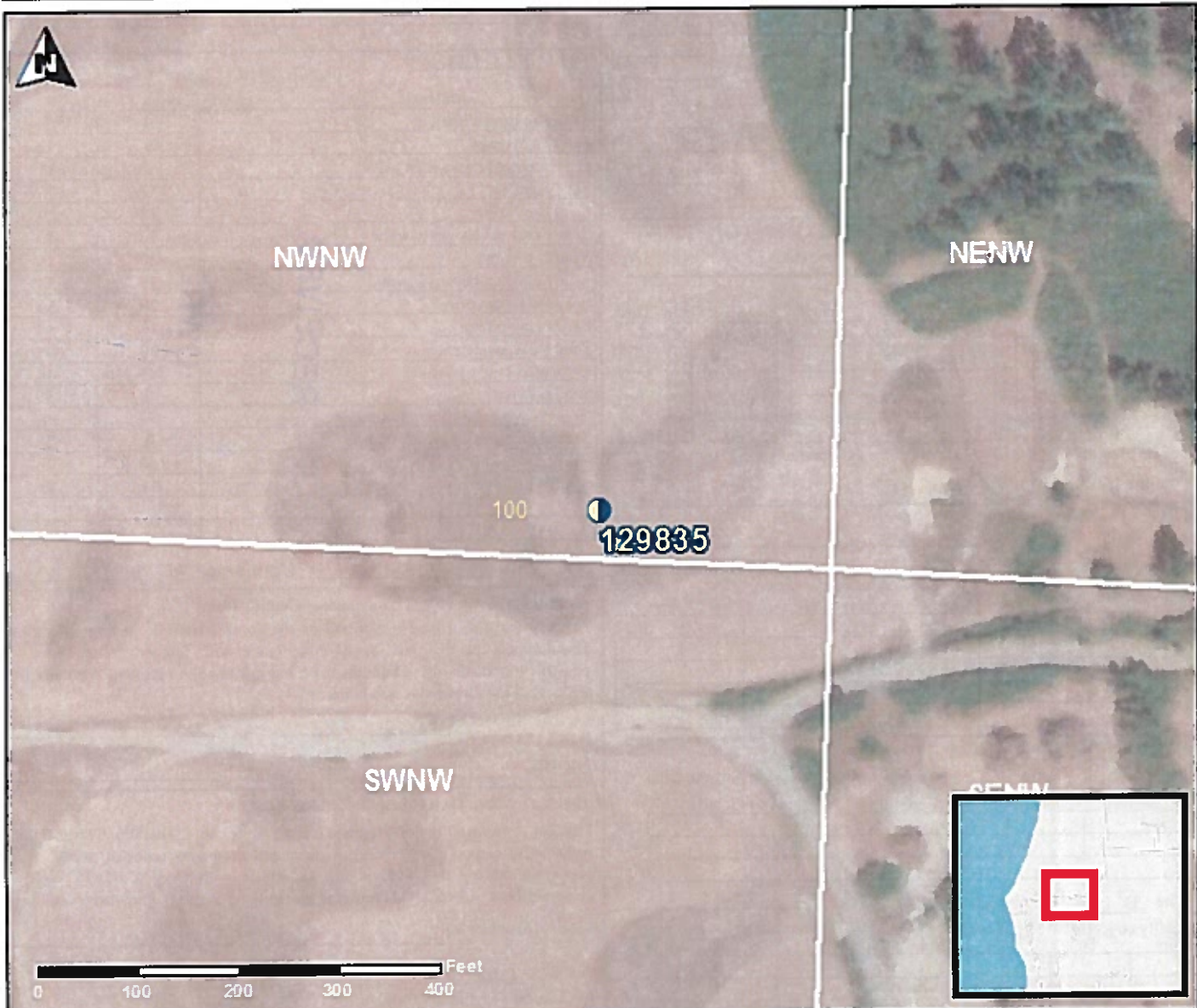
NO# WHISKEY RUN RD, BANDON

Well Label: 129835

Printed: August 7, 2019

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



(1) LAND OWNER Owner Well I.D. 1744-SR2 / 1809
 First Name MICHAEL Last Name KEISER
 Company BALLY BANDON LLC
 Address 875 N MICHIGAN AVE #3920
 City CHICAGO State IL Zip 60611

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing: 6		6	14	.250				
Material		From	To	Amt	sacks/lbs			
Seal: Bentonite		0	14	9	Sacks			

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 72.66 ft.

BORE HOLE			SEAL			sacks/lbs	
Dia	From	To	Material	From	To	Amt	
48	0	3	Bentonite	3	28	14	S
10	3	74				Calculated	13.16
						Calculated	

How was seal placed: Method A B C D E
 Other POUR FROM SURFACE
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 28 ft. to 74 ft. Material SAND Size 8/12
 Explosives used: Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
 Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing/Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	6		1	49.66	Sch40				
<input checked="" type="checkbox"/>	5		64.66	72.66	Sdr26				
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									

Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____
 Screens Type Johnson V-Wire Material Stainless Steel

Perf/Screen	Casing/Screen	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/pipe size
Screen	Casing	5	49.66	54.66	.031			5
Screen	Casing	5	54.66	64.66	.061			5

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
51.3	9.2	63	1

Temperature 53 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount 114 ppm
 From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)
 County coos Twp 27.00 S N/S Range 14.00 W E/W WM
 Sec 20 SW 1/4 of the NW 1/4 Tax Lot 100
 Tax Map Number _____ Lot _____
 Lat _____ " or 43.21992550 DMS or DD
 Long _____ " or -124.39089620 DMS or DD
 Street address of well Nearest address
NO# WHISKEY RUN RD, BANDON

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL(psi)	+ SWL(ft)
Completed Well	<u>7/27/2019</u>		<u>40</u>

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 40.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>7/26/2019</u>	<u>40</u>	<u>65</u>	<u>50</u>		<u>40</u>

(11) WELL LOG Ground Elevation 128.00

Material	From	To
Sand f-m brown orange	0	5
Sandy clay gray	5	6
Cemented sand brown orange	6	11
Sandy clay tan	11	13
Sand f-m brown	13	16
Sandy clay tan brown w/wood	16	20
Sand f-m brown	20	26
Sandy clay tan brown w/wood	26	28
Sand f-c brown gray	28	36
Sandy clay brown	36	39
Sand f-c w/sandy clay brown 20%	39	45
Cemented sand dk brown	45	48
Sand c-f brown orange	48	55
Gravel f w/sand c-f brown orange	55	58
Sand c-f w/gravel f brown orange	58	66
Gravel f-m w/sandy clay orange brown	66	71
Sandy clay blue gray	71	73

Date Started 7/25/2019 Completed 7/27/2019

(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number _____ Date _____
 Signed _____

(bonded) Water Well Constructor Certification
 I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 License Number 1493 Date 8/7/2019
 Signed JAMES MACK SR (E-filed)
 Contact Info (optional) Bandon Well & Pump Co (541) 347-7867

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department
725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 43.2199255 Datum: WGS84

Longitude: -124.3908962

Township/Range/Section/Quarter-Quarter Section:

WM 27S 14W 20 SWNW

Address of Well:

NO# WHISKEY RUN RD, BANDON

Well Label: 129836

Printed: August 7, 2019

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



Pump Information Table

Well ID	Motor	Model	Pump
L-129835	4" Centripro 5 hp, 230 Volt, 3 Phase	M50432	4" Goulds 35GS50 Liquid End
L-129836	4" Centripro 5 hp, 460 Volt, 3 Phase	M50434	4" Goulds 65GS50 Liquid End

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Minimum Requirements Checklist

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

Include this checklist with the application

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

Please submit the original application and signatures to the Water Resources Department. Applicants are encouraged to keep a copy of the completed application.

- SECTION 1: Applicant Information and Signature
- SECTION 2: Property Ownership
- SECTION 3: Well Development
- SECTION 4: Sensitive, Threatened or Endangered Fish Species Public Interest Information
- SECTION 5: Water Use
- SECTION 6: Water Management
- SECTION 7: Project Schedule
- SECTION 8: Resource Protection
- SECTION 9: Within a District
- SECTION 10: Remarks

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Include the following additional items:

- Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt.
- Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
- Fees - Amount enclosed: **\$2,910**
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- Map that includes the following items:
 - Permanent quality and drawn in ink
 - Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
 - North Directional Symbol
 - Township, Range, Section, Quarter/Quarter, Tax Lots
 - Reference corner on map
 - Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
 - Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
 - Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
 - Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

Note: In addition to a groundwater application, a standard reservoir application is required to store groundwater in a reservoir. If an applicant proposes to divert water from a reservoir, a surface water application is also required.