

Application for Permanent Water Right Transfer

Part 1 of 5 - Minimum Requirements Checklist

This transfer 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.

	ck all iter	ms included with this application. ($N/A = Not Applicable$)
\boxtimes		Part 1 – Completed Minimum Requirements Checklist.
\boxtimes		Part 2 – Completed Transfer 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 . If you have questions, call Customer Service at (503) 986-0801.
\boxtimes		Part 4 – Completed Applicant Information and Signature.
\boxtimes		Part 5 – Information about Water Rights to be Transferred: How many water rights are to be transferred? 5 List them here: Cert: 92269, 92270, 92271, 86708, & 76002 Please include a separate Part 5 for each water right. (See instructions on page 6)
		Attachments:
\boxtimes		Completed Transfer Application Map.
\boxtimes		Completed Evidence of Use Affidavit and supporting documentation.
	N/A	Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.)
	N/A	Supplemental Form D – For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district.
	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.
\boxtimes	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' from the surface water source and more than 1000' upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability.
		(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 Additional signature(s) required Part is incomplete Other/Explanation
		Staff:503-986-0 Date://



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Part 2 of 5 – Transfer Application Map Checklist

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

		sure that the transfer application map you submit includes all the required items and matches ag water right map. Check all boxes that apply.
\boxtimes	N/A	Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of CWREs, see http://apps.wrd.state.or.us/apps/wr/cwre_license_view/ . CWRE stamp and signature are not required for substitutions.
\boxtimes	N/A	If more than three water rights are involved, separate maps are needed for each water right.
\boxtimes		Permanent quality printed with dark ink on good quality paper.
\boxtimes		The size of the map can be $8\frac{1}{2}$ x 11 inches, $8\frac{1}{2}$ 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.
\boxtimes		A north arrow, a legend, and scale.
\boxtimes		The scale of the map must be: $1 \text{ inch} = 400 \text{ feet}$, $1 \text{ inch} = 1,320 \text{ feet}$, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than $1 \text{ inch} = 1,320 \text{ feet}$, or a scale that has been pre-approved by the Department.
\boxtimes		Township, Range, Section, 1/4 1/4, DLC, Government Lot, and other recognized public land survey lines.
\boxtimes		Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
\boxtimes		Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
\boxtimes		Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
\boxtimes		Existing place of use that includes separate hachuring for each water right, 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 water right is being changed, a separate hachuring is needed for lands left unchanged.
\boxtimes	N/A	Proposed place of use that includes separate hachuring for each water right, 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.
\boxtimes		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 right certificate or permit.
\boxtimes	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 $-42^{\circ}32'15.5"$) or degrees-decimal with five or more digits after the decimal (example -42.53764°).

	FEE WORKSHEET for PERMANENT TRANSFER Part 3 of 5	- Fee	Worksheet	
1	Base Fee (includes one type of change to one water right for up to 1 cfs)	1	\$1,160	
	Types of change proposed:		9	0CT 0.5 2020
	Place of Use			
	Character of Use		8	ECEIVE CT 0.5 20
	Point of Diversion/Appropriation		5	5
	Number of above boxes checked = $\frac{3(2a)}{}$			<u>/E</u> 202
	Subtract 1 from the number in line $2a = \frac{2(2b)}{2}$ If only one change, this will be 0			- O
2	Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » »	2	\$1,860	
	Number of water rights included in transfer 5 (3a)			
	Subtract 1 from the number in 3a above: 4 (3b) If only one water right this will			
	be 0		** ***	
3	Multiply line 3b by \$520 and enter » » » » » » » » » » » » » »	3	\$2,080	
	Do you propose to add or change a well, or change from a surface water POD			-
	to a well?			
	No: enter 0 »» » » » » » » » » » » » » » » » »			
4	☐ Yes: enter \$410 » » » » » » » » » » » » » » » » » » »	4	\$410	
				Q-M & service are -M and service are
	100 enter 0 on time 3 " " " " " " " " " " " " " " " " " "	0.27cfs gr	oup domestic to (2-M and service as
	1			of use or character M and service are
	example below \cdot). $0.02 (3a)$	2.9CIS g10	up domestic to Q	-ivi and service are
	Subtract 1.0 from the number in 5a above: <u>5.62 (5b)</u>			
	If 5b is 0 or less, enter 0 on line 5 » » » » » » » » » » » » » » » »			
_	If 5b is greater than 0, round up to the nearest whole number: <u>6 (5c)</u> and	_		
5	multiply 5c by \$350, then enter on line 5 » » » » » » » » »	5	\$2,100	
6	Add entries on lines 1 through 5 above » » » » » » » » » Subtotal:	6	\$7,610	
	Is this transfer:			
	necessary to complete a project funded by the Oregon Watershed			
	Enhancement Board (OWEB) under ORS 541.932?			
	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 »	_	φ	
7	If no box is applicable, enter 0 on line 7» » » » » » » » » » » » » »	7	\$0	
8	Subtract line 7 from line 6 » » » » » » » » » » » » » Transfer Fee:	8	\$7,610	

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

- 1. For irrigation calculate cfs for each water right involved as follows:
 - a. Divide total authorized cfs by total acres in the water right (for C12345, 1.25 cfs \div 100 ac); then multiply by the number of acres to be transferred to get the transfer cfs (x 45 ac= 0.56 cfs).
 - b. If the water right certificate 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 C87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)
- 2. Add cfs for the portions of water rights on all the land included in the transfer; however do not count cfs for supplemental rights on acreage for which you have already calculated the cfs fee for the primary right on the same land. The fee should be assessed only once for each "on the ground" acre included in the transfer. (In this example, blank 5a would be only 0.56 cfs, since both rights serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).

	FEE WORKSHEET for SUBSTITUTION		
1	Base Fee (includes change to one well)	1	\$840.00
	Number of wells included in substitution(2a)		
	Subtract 1 from the number in 3a above: (2b) If only one well this will be 0		
2	Multiply line 2b by \$410 and enter » » » » » » » » » » » » » »	2	N/A
3	Add entries on lines 1 through 2 above » » » » » Fee for Substitution:	3	N/A

Part 4 of 5 - Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME		PHONE NO.	ADDITIONAL CONTACT NO.					
Black Butte Ranch Corporation	& Black I	Butte Ranch	(541) 595-1280					
Association, Note: Black Butte I	Ranch Cor	poration was						
formerly known as Black Butte	Property I							
Corporation								
ADDRESS				FAX NO.				
PO Box 8000				(541) 595-2617				
CITY	STATE	ZIP	E-MAIL					
Black Butte Ranch	OR	spetterson@bbranch.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		PHONE NO. ADDITIONAL CONTACT					
Niall Boggs, PE, CWRE / F	arametrix	(541) 550-7694	(541) 508-7710				
ADDRESS			FAX NO.				
150 NW Pacific Park Lane							
CITY	STATE	ZIP	E-MAIL				
Bend OR 97701 nboggs@parametrix.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 transfer application, and why: The purpose of the water rights transfer is to change the type of use for the existing group domestic water rights at Black Butte Ranch to Quasi-Municipal and include the entire resort service area as the place of use. An additional purpose of the transfer is to make all wells, 1-5, as points of appropriation for all of the existing water rights that supply water to the Black Butte Ranch water system.

If y	ou need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".
	Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)
	Check One Box
	By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); OR
\boxtimes	I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of
	the municipality or a predecessor; OR I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting
	documentation.

By my signature below, I confirm that I understand:

- Prior to Department approval of the transfer application, 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 water right 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: Bend Bulletin.
- Amendments to the application may only be made in response to the Department's Draft Preliminary Determination (DPD). The applicant will have a period of at least 30 days to amend the application to address any issues identified by the Department in the DPD, or to withdraw the application. Note that amendments may be subject to additional fees, pursuant to ORS 536.050.
- Failure to complete an approved change in place of use and/or change in character of use, will result in loss of the water right (OAR 690-380-6010).

	water right (OAK 070-300-0010)	<i>)</i> .		
	I (we) affirm that the information	n contained in this application is tr	rue and	d accurate.
>	Applicant signature Applicant signature	Swew Perrenson Print Name (and Title if applicable) Niall Boggs, PE, CWEE Print Name (and Title if applicable)	Date Date	9/18/2020
	Is the applicant the sole owner of located? Yes No if different than the application	the land on which the water right	, or po led land d mailir	
				OCT 0 5 2020
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Check the following boxes th	hat apply:									
The applicant is response to be sent to the appli		or completion of o	change(s). Notices ar	nd correspondence should continue						
The receiving landowner will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to this landowner.										
Both the receiving landowner and applicant will be responsible for completion of change(s). Copies of notices and correspondence should be sent to this landowner and the applicant.										
At this time, are the lands in	this trans	sfer application in	the process of being	g sold? Yes No						
If YES, and you know winformation table below. will have to be filed for	. If you do	o not know who t	l be, please complete he new landowner w	e the receiving landowner will be, then a request for assignment						
If a property sells, the ce unless a sale agreement of http://www.oregon.gov/o	or other d	locument states o	therwise. For more is							
RECEIVING LANDOWNER NAME \mathbf{N}/\mathbf{A}			PHONE NO. N/A	ADDITIONAL CONTACT NO. 1						
ADDRESS N/A				FAX NO. N/A						
CITY N/A	STATE N/A	ZIP N/A	E-MAIL N/A							
There are hundreds of lots, all of changing place of use to the servinquired with OWRD in Octobe application. See attached email considered a municipality and treport of ownership is not require	owned by it vice area c er of 2019 a correspon hat as long ired.	ndividual lot owner overing the entire r about obtaining own dence with Arla Da g as Black Butte Ra	s. Changing all rights to esort, and adding existing the esorts for all to each of the esort in the estimate of the esort in the estimate of the esort in the eso	y group domestic or quasi-municipal. to quasi-municipal (if not currently), ng wells as points of appropriation. We the parcels being affected by this transfer ndicated that Black Butte Ranch was for for all the affected tax lots /users, a						
irrigation or other water	district. (Tip: Complete a	nd attach Supplem	ental Form D.)						
IRRIGATION DISTRICT NAME ${f N}/{f A}$		ADD N/A	RESS							
CITY N/A		STAT N/A								
Check here if water for a stored water with a feder	•	- 11	ınder a water service	agreement or other contract for						
ENTITY NAME N/A		ADD N/A	DDRESS							
CITY N/A		STAT N/A		ZIP N/A						
To meet State Land Use (Consisten	cy Requirements	, you must list all co	unty, city, municipal corporation, or						



or tribal governments within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME	ADDRESS			
Deschutes County	117 NW Lafayette Ave			
CITY	STATE	ZIP		
Bend	OR	97703		

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

CERTIFICATE # 76002

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Description of Water Delivery System

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System capacity: 2.63 cubic feet per second (cfs) OR

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____ gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use.

The Black Butte Ranch water system consists of the following:

- Five (5) wells
- One (1) 500,000 gallon welded steel reservoir (located just south of the Well #5 building)
- One (1) 10,000 gallon pressure tank (located in the Well #1 building)
- Two (2) booster pump stations
- Water Distribution System consisting of approximately 33 miles of 4-inch to 10-inch C900 PVC, C160 PVC, and transite pipe, with smaller diameter service lines to users. The distribution system serves a variety of domestic, commercial, and irrigation users throughout the Black Butte Ranch service area.

Well 1: Water is diverted from Well #1 by a 75 HP turbine pump on a Variable Frequency Drive (VFD) at the needed pressure and flows through an 8" ductile iron water main into the water distribution system. 900gpm capacity.

Well 2: Water is diverted from Well #2 by a 150 HP turbine pump through an 8-inch ductile iron water main into the 500,000 gallon steel reservoir. 1,612gpm capacity.

Well 3: Water is diverted from Well #3 by a 125 HP turbine pump. Well 3 can discharge directly into the water distribution system or to the golf course lake for irrigation. 1,000-1,200gpm capacity depending on discharge locale.

Well 4: Water is diverted from Well #4 by a 200 HP turbine pump. Well #4 discharges directly into the distribution system. 1,278gpm capacity.

Well 5: Water is diverted from Well #5 by a 300HP turbine pump through a 10"/12"/8" ductile iron water main into the 500,000 gallon steel reservoir. 2,430gpm capacity.

<u>Booster Station at Well House No. 2</u>: Boosts the pressure of the water coming out of the 500,000 gallon reservoir to system pressure. (2) 50HP and (1) 20HP pumps. 2,525gpm capacity.

<u>"Fourth Nine" Booster Station</u>: Boosts pressure for high elevation lots at the southwest corner of the project. (1) 60HP and (2) 15HP pumps. 1,300gpm capacity.

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

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	vp	p Rng		Sec	1/4 1/4		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	☐ Authorized ☐ Proposed	DESC 262, DESC 1805, DESC 1806, DESC 51474	14	s	9	E	9	sw	sw	14 09 09 C0 12303	469 FEET NORTH AND 450 FEET EAST FROM SW CORNER
Well 2	Authorized	DESC 1800, DESC 914	14	S	9	E	16	SE	NE	14 09 16 A0	1530 FEET SOUTH AND 1236 FEET WEST

	□ Proposed									04800	FROM NE CORNER	
Well 3		DESC 55229	14	s	9	E	22	NW	NW	14 09 22 B0 00099	250 FEET SOUTH AND 700 FEET EAST FROM NW CORNER	
Well 4	☐ Authorized ☐ Proposed	DESC 9719	14	s	9	E	9	sw	sw	14 09 09 C0 12303	4943 FEET SOUTH AND 412 FEET EAST FROM NW CORNER	
Well 5	☐ Authorized ☐ Proposed	DESC 60190 (final), DESC 59906 (test hole)	14	s	9	E	16	SE	NE	14 09 16 A0 04800	1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER	
Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):												
\boxtimes	Place of Use	e (POU)						Supple	ementa	l Use to	Primary Use (S to P)	
\boxtimes									Point of Appropriation/Well (POA)			
	Point of Div	rersion (POD)						Additional Point of Appropriation (APOA)				
	Additional P	Point of Divers	ion (AP(DD)			Substitution (SUB)				
☐ Surface Water POD to Ground Water ☐ Government Action POD (GOV) POA (SW/GW)									POD (GOV)			
Will all of the proposed changes affect the entire water right?												
⊠ Ye	Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.										n the next page. Use the	
No Complete all of Table 2 to describe the portion of the water right to be changed.												

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Table 2. Description of Changes to Water Right Certificate # 76002

List the change proposed for the acreage in each ½ 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.

The			at app	ears on	the cer	rtificat	e BEFOR	off' lands) RE PROPOSE t that will be cl	D CHANGES hanged.	Proposed Changes (see			The	e lis	sting			ld appea		TER P	on" lands) PROPOSEI		GES
Twp	Rng	Sec	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	on	POD(s) or POA(s) (name or number from Table 1)	Priority Date	"CODES" from previous page)	Tv	vp	Rı	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
										APOA/USE	14	s	9	E	9	sw	sw	140909 C0 12303		N/A	Quasi- Municipal	Well 1	02/02/1979
										APOA/USE	14	s	9	E	9	sw	sw	140909 C0 12303		N/A	Quasi- Municipal	Well 4	02/02/1979
										APOA/USE	14	s	9	E	16	SE	NE	140916 A0 04800		N/A	Quasi- Municipal	Well 2	02/02/1979
										APOA/USE	14	s	9	E	16	SE	NE	140916 A0 04800		N/A	Quasi- Municipal	Well 5	02/02/1979
										POU/USE	Ser	vic	e Aı		of B nch	lack l	Butte	Multiple	N/A	N/A	Quasi- Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	02/02/1979
			Т	OTAL A	CRES:			•									TC	TAL AC	CRES:	N/A			

Additional remarks: BBR is not proposing to change the portions of the right for non-Group Domestic uses in Certificate 76002 (i.e. Irrigation, Supplemental Irrigation, and Fish Culture).

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For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?

✓ Yes

✓ No

If YES, list the certificate, water use permit, or ground water registration numbers: 92269, 92270, 92271, <u>86708, 51564, 64681, 64682, 76003, 76004, 76005, & 76006.</u>



Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # N/A; Surface water primary Certificate # N/A.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

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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). <u>If</u> less han full rate of water right
---	--	--	------------------	-----------------	-------------------------------	---------------------------------	---	--	--	---

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

CERTIFICATE # 86708

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Description of Water Delivery System

OCT 0.5 2020

System capacity: <u>1.8</u> cubic feet per second (cfs) **OR**

gallons per minute (gpm)

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Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use.

The Black Butte Ranch water system consists of the following:

- Five (5) wells
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- Water Distribution System consisting of approximately 33 miles of 4-inch to 10-inch C900 PVC, C160 PVC, and transite pipe, with smaller diameter service lines to users. The distribution system serves a variety of domestic, commercial, and irrigation users throughout the Black Butte Ranch service area.

<u>Well 1</u>: Water is diverted from Well #1 by a 75 HP turbine pump on a Variable Frequency Drive (VFD) at the needed pressure and flows through an 8" ductile iron water main into the water distribution system. 900gpm capacity.

Well 2: Water is diverted from Well #2 by a 150 HP turbine pump through an 8-inch ductile iron water main into the 500,000 gallon steel reservoir. 1,612gpm capacity.

Well 3: Water is diverted from Well #3 by a 125 HP turbine pump. Well 3 can discharge directly into the water distribution system or to the golf course lake for irrigation. 1,000-1,200gpm capacity depending on discharge locale.

Well 4: Water is diverted from Well #4 by a 200 HP turbine pump. Well #4 discharges directly into the distribution system. 1,278gpm capacity.

Well 5: Water is diverted from Well #5 by a 300HP turbine pump through a 10"/12"/8" ductile iron water main into the 500,000 gallon steel reservoir. 2,430gpm capacity.

Booster Station at Well House No. 2: Boosts the pressure of the water coming out of the 500,000 gallon reservoir to system pressure. (2) 50HP and (1) 20HP pumps. 2,525gpm capacity.

"Fourth Nine" Booster Station: Boosts pressure for high elevation lots at the southwest corner of the project. (1) 60HP and (2) 15HP pumps. 1,300gpm capacity.

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	vp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	□ Authorized □ Proposed	DESC 262, DESC 1805, DESC 1806, DESC 51474	14	S	9	E	9	sw	sw	14 09 09 C0 12303	469 FEET NORTH AND 450 FEET EAST FROM SW CORNER
Well 2	☐ Authorized ☐ Proposed	DESC 1800, DESC 914	14	s	9	E	16	SE	NE	14 09 16 A0 04800	1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER
Well 3	☐ Authorized ☐ Proposed	DESC 55229	14	s	9	E	22	NW	NW	14 09 22 B0 00099	250 FEET SOUTH AND 700 FEET EAST FROM NW CORNER
Well 4	☐ Authorized ☐ Proposed	DESC 9719	14	s	9	E	9	sw	sw	14 09 09 C0 12303	4943 FEET SOUTH AND 412 FEET EAST FROM NW CORNER
Well 5	☐ Authorized ☐ Proposed	DESC 60190 (final), DESC 59906 (test hole)	14	S	9	E	16	SE	NE	14 09 16 A0 04800	1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER

спеск а	in type(s) of change(s) proposed below (c	nange	e "CODES" are provided in parentneses):
\boxtimes	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
\boxtimes	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)
Will all	of the proposed changes affect the entire	wate	r right?
X Yes	Complete only the Proposed ("to" or "on" "CODES" listed above to describe the pro		e) section of Table 2 on the next page. Use the changes.
No	Complete all of Table 2 to describe the po	rtion	of the water right to be changed.

OCT 0 5 2020

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 Staff.

Table 2. Description of Changes to Water Right Certificate # 86708

List the change proposed for the acreage in each ½ 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.

The		_		appe	ears o	n the	certifi	cate B		,	CHANGES	Proposed Changes (see			Th	e lis	ting			d appea		ΓER P	on" lands) PROPOSEI		GES
Twp	Rng	g	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	"CODES" from previous page)	Tv	vp	R	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
												APOA/USE	14	s	9	E	9	sw	sw	140909 C0 12303		N/A	Quasi- Municipal	Well 4	07/25/1979
												APOA/USE	14	s	9	E	16	SE	NE	140916 A0 04800		N/A	Quasi- Municipal	Well 2	07/25/1979
												APOA/USE	14	s	9	E	16	SE	NE	140916 A0 04800		N/A	Quasi- Municipal	Well 5	07/25/1979
												APOA/USE	14	s	9	E	22	NW	NW	14 09 22 B0 00099		N/A	Quasi- Municipal	Well 3	07/25/1979
												POU/USE	Se	ervi	ce A		of B	lack l	Butte	Multiple	N/A	N/A	Quasi- Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	07/25/1979
				6																					
					ТОТ	AL A	CRES:												TO	ΓAL AC	CRES:	N/A			

Additional remarks:

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For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? \boxtimes Yes \square No

If YES, list the certificate, water use permit, or ground water registration numbers: 92269, 92270, 92271, 76002, 51564, 64681, 64682, 76003, 76004, 76005, & 76006.



Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # <u>N/A</u>; Surface water primary Certificate # <u>N/A</u>.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

OWRD

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). <u>If</u> less han full rate of water right
---	--	--	------------------------	-----------------	-------------------------------	---------------------------------	---	--	--	---

SEE ATTACHED WELL LOGS

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

CERTIFICATE # 92269

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Description of Water Delivery System

OCT 05 2020

System capacity: 27 cubic feet per second (cfs) **OR**

gallons per minute (gpm)

OWRD

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use.

The Black Butte Ranch water system consists of the following:

- Five (5) wells
- One (1) 500,000 gallon welded steel reservoir (located just south of the Well #5 building)
- One (1) 10,000 gallon pressure tank (located in the Well #1 building)
- Two (2) booster pump stations
- Water Distribution System consisting of approximately 33 miles of 4-inch to 10-inch C900 PVC, C160 PVC, and transite pipe, with smaller diameter service lines to users. The distribution system serves a variety of domestic, commercial, and irrigation users throughout the Black Butte Ranch service area.

Well 1: Water is diverted from Well #1 by a 75 HP turbine pump on a Variable Frequency Drive (VFD) at the needed pressure and flows through an 8" ductile iron water main into the water distribution system. 900gpm capacity.

Well 2: Water is diverted from Well #2 by a 150 HP turbine pump through an 8-inch ductile iron water main into the 500,000 gallon steel reservoir. 1,612gpm capacity.

<u>Well 3</u>: Water is diverted from Well #3 by a 125 HP turbine pump. Well 3 can discharge directly into the water distribution system or to the golf course lake for irrigation. 1,000-1,200gpm capacity depending on discharge locale.

Well 4: Water is diverted from Well #4 by a 200 HP turbine pump. Well #4 discharges directly into the distribution system. 1,278gpm capacity.

Well 5: Water is diverted from Well #5 by a 300HP turbine pump through a 10"/12"/8" ductile iron water main into the 500,000 gallon steel reservoir. 2,430gpm capacity.

Booster Station at Well House No. 2: Boosts the pressure of the water coming out of the 500,000 gallon reservoir to system pressure. (2) 50HP and (1) 20HP pumps. 2,525gpm capacity.

<u>"Fourth Nine" Booster Station</u>: Boosts pressure for high elevation lots at the southwest corner of the project. (1) 60HP and (2) 15HP pumps. 1,300gpm capacity.

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	wp	R	lng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	□ Authorized □ Proposed	DESC 262, DESC 1805, DESC 1806, DESC 51474	14	S	9	E	9	sw	sw	14 09 09 C0 12303	469 FEET NORTH AND 450 FEET EAST FROM SW CORNER
Well 2	Authorized Proposed	DESC 1800, DESC 914	14	s	9	E	16	SE	NE	14 09 16 A0 04800	1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER
Well 3	☐ Authorized ☐ Proposed	DESC 55229	14	s	9	E	22	NW	NW	14 09 22 B0 00099	250 FEET SOUTH AND 700 FEET EAST FROM NW CORNER
Well 4	☐ Authorized ☐ Proposed	DESC 9719	14	s	9	E	9	sw	sw	14 09 09 C0 12303	4943 FEET SOUTH AND 412 FEET EAST FROM NW CORNER
Well 5	□ Authorized □ Proposed	DESC 60190 (final), DESC 59906 (test hole)	14	s	9	E	16	SE	NE	14 09 16 A0 04800	1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER

		(test note)								
Chec	k all type(s)	of change(s) pr	oposed be	low (ch	ange	"COD	ES" a	re provi	ded in parent	heses):
	Place of U	Use (POU)		[Supple	mental	l Use to	Primary Use (S to P)
	Character	of Use (USE)		[Point o	f Appı	ropriatio	n/Well (POA)	
	Point of I	Diversion (POD))	[\boxtimes	Additio	nal Po	oint of A	ppropriation (APOA)
	Additiona	al Point of Diver	rsion (APC	D) [Substitu	ution ((SUB)		
	Surface V POA (SW	Vater POD to Grand (Natural Value)	round Wate	er [Govern	ment .	Action F	OD (GOV)	
Will	all of the pro	posed changes	affect the	entire v	vater	right?				
X Y	_	only the Propos "listed above to						ible 2 on	the next page	. Use the
N	o Complete	e all of Table 2 to	o describe	the port	ion of	f the wa	ater rig	ght to be	changed.	
									RECEIVE	D
									OCT AF 2000	

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 Staff.

Table 2. Description of Changes to Water Right Certificate # 92269

List the change proposed for the acreage in each ½ 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.

Th		_		appea	ars of	n the c	certific	cate BI	" or "off" la EFORE PRO	OPOSED C		D			The	e lis	sting			l appea	r AF	ΓER PI	on" lands) ROPOSED	CHAN	GES
Twp	Rng		Sec Sec	that p		Tax Lot	Gvt Lot or DLC		Type of USE listed on Certificate	POD(s) or POA(s)	Priority Date	Proposed Changes (see "CODES" from previous page)	Tw	/ p	Rn	ıg	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
												APOA/USE	14	s	9	E	22	NW	NW	14 09 22 B0 00099		N/A	Quasi- Municipal	Well 3	02/02/1979
												APOA//USE	14	s	9	E	9	sw	sw	140909 C0 12303		N/A	Quasi- Municipal	Well 4	02/02/1979
												POU/USE	Se	rvi	ce A		of B	lack I	Butte	Multiple	N/A	N/A	Quasi- Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	02/02/1979
																							Ser		
					TOT	AL AC	CRES:												TOT	CAL AC	RES:	N/A			

Additional	remarks:	•

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OCT 05 2020

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?

✓ Yes

No If YES, list the certificate, water use permit, or ground water registration numbers: 92270, 92271, 86708, 76002, 51564, 64681, 64682, 76003, 76004, 76005, & 76006. Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application. For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) Ground water supplemental Permit or Certificate # N/A; RECEIVED Surface water primary Certificate # N/A. OCT **05** 2020

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

OWRD

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 aguifer 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). <u>If</u> less han full rate of water right
---	--	--	------------------------	-----------------	-------------------------------	---------------------------------	---	--	--	---

Permanent Transfer Application Form – Page 4 of 4

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

CERTIFICATE # 92270

Description of Water Delivery System

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System capacity: 4.8 cubic feet per second (cfs) OR

OCT **05** 2020

gallons per minute (gpm)

OWRD

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use.

The Black Butte Ranch water system consists of the following:

- Five (5) wells
- One (1) 500,000 gallon welded steel reservoir (located just south of the Well #5 building)
- One (1) 10,000 gallon pressure tank (located in the Well #1 building)
- Two (2) booster pump stations
- Water Distribution System consisting of approximately 33 miles of 4-inch to 10-inch C900 PVC, C160 PVC, and transite pipe, with smaller diameter service lines to users. The distribution system serves a variety of domestic, commercial, and irrigation users throughout the Black Butte Ranch service area.

Well 1: Water is diverted from Well #1 by a 75 HP turbine pump on a Variable Frequency Drive (VFD) at the needed pressure and flows through an 8" ductile iron water main into the water distribution system. 900gpm capacity.

Well 2: Water is diverted from Well #2 by a 150 HP turbine pump through an 8-inch ductile iron water main into the 500,000 gallon steel reservoir. 1,612gpm capacity.

<u>Well 3</u>: Water is diverted from Well #3 by a 125 HP turbine pump. Well 3 can discharge directly into the water distribution system or to the golf course lake for irrigation. 1,000-1,200gpm capacity depending on discharge locale.

Well 4: Water is diverted from Well #4 by a 200 HP turbine pump. Well #4 discharges directly into the distribution system. 1,278gpm capacity.

Well 5: Water is diverted from Well #5 by a 300HP turbine pump through a 10"/12"/8" ductile iron water main into the 500,000 gallon steel reservoir. 2,430gpm capacity.

<u>Booster Station at Well House No. 2</u>: Boosts the pressure of the water coming out of the 500,000 gallon reservoir to system pressure. (2) 50HP and (1) 20HP pumps. 2,525gpm capacity.

<u>"Fourth Nine" Booster Station</u>: Boosts pressure for high elevation lots at the southwest corner of the project. (1) 60HP and (2) 15HP pumps. 1,300gpm capacity.

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tw	vp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	☐ Authorized ☐ Proposed	DESC 262, DESC 1805, DESC 1806, DESC 51474	14	s	9	E	9	sw	sw	14 09 09 C0 12303	469 FEET NORTH AND 450 FEET EAST FROM SW CORNER
Well 2	☐ Authorized☐ Proposed	DESC 1800, DESC 914	14	S	9	E	16	SE	NE	14 09 16 A0 04800	1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER
Well 3	☐ Authorized ☐ Proposed	DESC 55229	14	s	9	E	22	NW	NW	14 09 22 B0 00099	250 FEET SOUTH AND 700 FEET EAST FROM NW CORNER
Well 4	Authorized Proposed	DESC 9719	14	s	9	E	9	sw	SW	14 09 09 C0 12303	4943 FEET SOUTH AND 412 FEET EAST FROM NW CORNER
Well 5	□ Authorized □ Proposed	DESC 60190 (final), DESC 59906 (test hole)	14	S	9	E	16	SE	NE	14 09 16 A0 04800	1570 FEET SOUTH AND 1292 FEET WES' FROM NE CORNER

Check a	all type(s) of change(s) proposed below (c	hange	e "CODES" are provided in parentheses):
	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)
Will all	of the proposed changes affect the entire	wate	r right?
⊠ Yes	Complete only the Proposed ("to" or "on" "CODES" listed above to describe the pro) section of Table 2 on the next page. Use the changes.
☐ No	Complete all of Table 2 to describe the po	rtion (of the water right to be changed.
			RECEIVED
			OCT 0.5 2020

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 Staff.

Table 2. Description of Changes to Water Right Certificate # 92270

List the change proposed for the acreage in each ½ ½. 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.

The	AUTHORIZED (the "from" or "off" lands) the listing that appears on the certificate BEFORE PROPOSED CHANGE List only that part or portion of the water right that will be changed.							ANGES	Proposed Changes (see	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											GES			
Twp	Rng	3	Sec	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Date	"CODES" from previous page)	Tv	vp	Ri	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
						2					APOA	14	s	9	E	9	sw	sw	140909 C0 12303		N/A		Well 1	11/18/1991
											APOA	14	s	9	E	22	NW	NW	14 09 22 B0 00099		"		Well 3	66
												14	s	9	E	5	sw	SE	14 09	1	66		Wells 1,	
											POU*	14	s	9	E	5	SE	SE	00 00 00202	1	"		2, 3, 4, &	٠.
				TOTA	L ACF	RES:			•									ГОТА	L ACF	RES:	N/A			

Additional remarks: *Note that the mapping for Certificate 92270 includes S¹/₂ of SE ½ of Section 5, but the certificate document itself does not include it. The certificate does include the following language:

Water may be applied to lands which are not specifically described above, provided the hold of this right complies with ORS 540.510(3).

Black Butte Ranch is a water supplier as defined in ORS 448.115 and use of water in $S^{1/2}$ of SE $\frac{1}{4}$ of Section 5 complies with ORS 540.510. That said, we are requesting that this are of use be added to the water right to clearly define that this area of us is included in the right.

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OCT 05 2020

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? \boxtimes Yes \square No

If YES, list the certificate, water use permit, or ground water registration numbers: 92269, 92271, 86708, 76002, 51564, 64681, 64682, 76003, 76004, 76005, & 76006.



Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

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Ground water supplemental Permit or Certificate # <u>N/A;</u> Surface water primary Certificate # <u>N/A.</u>

OCT 05 2020

OWRD

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

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). <u>If</u> less han full rate of water right
---	--	---	------------------------	-----------------	-------------------------------	---------------------------------	---	--	--	---

SEE ATTACHED WELL LOGS

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

CERTIFICATE # 92271

RECEIVED **Description of Water Delivery System** System capacity: 2.9 cubic feet per second (cfs) OR OCT 05 2020 gallons per minute (gpm) OWRD Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey,

The Black Butte Ranch water system consists of the following:

and apply the water at the authorized place of use.

- Five (5) wells
- One (1) 500,000 gallon welded steel reservoir (located just south of the Well #5 building)
- One (1) 10,000 gallon pressure tank (located in the Well #1 building)
- Two (2) booster pump stations
- Water Distribution System consisting of approximately 33 miles of 4-inch to 10-inch C900 PVC, C160 PVC, and transite pipe, with smaller diameter service lines to users. The distribution system serves a variety of domestic, commercial, and irrigation users throughout the Black Butte Ranch service area.

Well 1: Water is diverted from Well #1 by a 75 HP turbine pump on a Variable Frequency Drive (VFD) at the needed pressure and flows through an 8" ductile iron water main into the water distribution system. 900gpm capacity.

Well 2: Water is diverted from Well #2 by a 150 HP turbine pump through an 8-inch ductile iron water main into the 500,000 gallon steel reservoir. 1,612gpm capacity.

Well 3: Water is diverted from Well #3 by a 125 HP turbine pump. Well 3 can discharge directly into the water distribution system or to the golf course lake for irrigation. 1,000-1,200gpm capacity depending on discharge locale.

Well 4: Water is diverted from Well #4 by a 200 HP turbine pump. Well #4 discharges directly into the distribution system. 1,278gpm capacity.

Well 5: Water is diverted from Well #5 by a 300HP turbine pump through a 10"/12"/8" ductile iron water main into the 500,000 gallon steel reservoir. 2,430gpm capacity.

Booster Station at Well House No. 2: Boosts the pressure of the water coming out of the 500,000 gallon reservoir to system pressure. (2) 50HP and (1) 20HP pumps. 2,525gpm capacity.

"Fourth Nine" Booster Station: Boosts pressure for high elevation lots at the southwest corner of the project. (1) 60HP and (2) 15HP pumps. 1,300gpm capacity.

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

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	T	Twp		Rng		1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	☐ Authorized ☐ Proposed	DESC 262, DESC 1805, DESC 1806, DESC 51474	14	s	9	E	9	sw	sw	14 09 09 C0 12303	469 FEET NORTH AND 450 FEET EAST FROM SW CORNER
Well 2	Authorized Proposed	DESC 1800, DESC 914	14	S	9	E	16	SE	NE	14 09 16 A0 04800	1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER
Well 3	☐ Authorized ☐ Proposed	DESC 55229	14	s	9	E	22	NW	NW	14 09 22 B0 00099	250 FEET SOUTH AND 700 FEET EAST FROM NW CORNER
Well 4	☐ Authorized ☐ Proposed	DESC 9719	14	s	9	Е	9	sw	SW	14 09 09 C0 12303	4943 FEET SOUTH AND 412 FEET EAST FROM NW CORNER
Well 5	Authorized Proposed	DESC 60190 (final), DESC 59906 (test hole)	14	S	9	E	16	SE	NE	14 09 16 A0 04800	1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER

Check a	Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):										
\boxtimes	Place of Use (POU)		Supplemental Use to Primary Use (S to P)								
\boxtimes	Character of Use (USE)		Point of Appropriation/Well (POA)								
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)								
	Additional Point of Diversion (APOD)		Substitution (SUB)								
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)								
Will all	of the proposed changes affect the entire	wate	r right?								
X Yes	Complete only the Proposed ("to" or "on" "CODES" listed above to describe the pro) section of Table 2 on the next page. Use the changes.								
☐ No	Complete all of Table 2 to describe the po	rtion (of the water right 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 Staff.

Table 2. Description of Changes to Water Right Certificate # 92271

List the change proposed for the acreage in each ½ 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.

The	AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGE List only that part or portion of the water right that will be changed.									Proposed Changes (see	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.													
Twp	Rng	Sec		1/4 1/4	Tax Lot	Gvt	Acres	Type of USE listed	POD(s) or POA(s) (name or number from Table 1)	Priority Date	"CODES" from previous page)	Tv	vp	Rr	ıg	Sec	1/4	1/4	Tax Lot	Gvt	Acres	New Lyne	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
											APOA/USE	14	s	9	Е	9	sw	sw	140909 C0 12303		N/A	Quasi- Municipal	Well 1	06/25/1975
											APOA/USE	14	s	9	E	22	NW	NW	14 09 22 B0 00099		N/A	Quasi- Municipal	Well 3	06/25/1975
											APOA//USE	14	s	9	E	9	sw	sw	140909 C0 12303		N/A	Quasi- Municipal	Well 4	06/25/1975
											POU/USE	Se	ervi	ce A		of B	lack I	Butte	Multiple		N/A	Quasi- Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	06/25/1975
				TOT	AL AC	CRES:											TO	ΓAL	ACRES:	N/A				

Additional	remarks:	

OCT **0 5** 2020

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? \boxtimes Yes \square No

If YES, list the certificate, water use permit, or ground water registration numbers: 92269, 92270, 86708, 76002, 51564, 64681, 64682, 76003, 76004, 76005, & 76006.



Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # N/A; Surface water primary Certificate # N/A. OCT **05** 2020

OWRD

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

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	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
---	--	--	------------------------	-----------------	-------------------------------	---------------------------------	---	--	----------------	---

SEE ATTACHED WELL LOGS

Application for Water Right **Transfer**

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

Evidence of Use Affidavit

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing.

Supporting documentation must be attached.

State c	or Oregon)	00						
County	y of Deschutes))	SS					RECEIVED	
I, <u>Niai</u>	L Boggs, in m	y capa	city as	CWRI	Ξ,					OCT 05 2020	
mailir	ng address 150	NW PA	CIFIC PA	RK LN	, SUITI	E 110, BE	ND, OR 97	7701		OWRD	
teleph	one number (541) <u>550</u>) <u>-7694</u> , 1	being	first	duly sw	orn depo	se and say:		OWILD	
1. M	y knowledge	of the	exercis	e or s	tatus	of the w	vater righ	nt is based o	n (check one	e):	
	☐ Perso	onal of	oservat	ion		\boxtimes	Profess	sional exper	tise		
2 . I a	ttest that:										
\boxtimes	Water was u Certificate #		_	e pre	vious	five yea	ars on th	e entire pla	ce of use for		
	My knowled	lge is s	specific	c to th	e use	of wate	er at the	following lo	cations with	in the last five yea	rs:
	Certificate #	Town	nship	Ra	nge	Mer	Sec	1/4 1/4	Gov't Lot or DLC	Acres (if applicable)	
											-
											1
						+					1
											-
											-
OR]
	Confirming	Certifi	cate #		has h	neen issu	ied with	in the nast f	ive vears: O l	R	
										t five years. The	
	instream lea	se nun	nber is:		(No	te: If the	e entire r	ight propose	ed for	not leased instream	n.); OR
	The water ri	_		-					at a presum	otion of forfeiture	for
	Water has be									for more than	

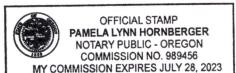
(continues on reverse side)

3. The water right was used for: (e.g., crops, pasture, etc.): GROUP DOMESTIC, IRRIGATION, FISH CULTURE (IRRIGATION AND FISH CULTURE TO REMAIN AS IS)

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete. RECEIVED

OCT **05** 2020

Signed and sworn to (or affirmed) before me this $\frac{2}{\sqrt{2}}$



My Commission Expires: 1/2

Supporting Documents	Examples
Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
Copies of receipts from sales of irrigated crops or for expenditures related to use of water	Power usage records for pumps associated with irrigation use
	Fertilizer or seed bills related to irrigated crops
	Farmers Co-op sales receipt
Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or	District assessment records for water delivered
records of other water suppliers	Crop reports submitted under a federal loan agreement
records of other water suppliers	Beneficial use reports from district
	IRS Farm Usage Deduction Report
	Agricultural Stabilization Plan
	CREP Report
Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.
	Sources for aerial photos:
	OSU –www.oregonexplorer.info/imagery
	OWRD – www.wrd.state.or.us
	Google Earth – earth.google.com TerraServer – www.terraserver.com
Approved Lease establishing beneficial use	Copy of instream lease or lease number
within the last 5 years	copy or motivation reads of reads financial

Application for Water Right **Transfer**

Evidence of Use Affidavit



Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State o	of Oregon)	SS				RE	CEIVED	
County	y of Deschutes)		,					ОСТ	0 5 2020	
I, <u>Nial</u>	LL BOGGS, in m	y capac	city as	CWRE	2,						
mailin	ng address 150	NW PAG	CIFIC PA	RK LN.	SUITE	E 110, BE	ND, OR 97	7701	O	WRD	
teleph	one number (<u>541)550</u>	<u>-7694,</u> ł	being	first (duly sw	orn depo	se and say:			
1. M	y knowledge	of the	exercis	e or st	tatus	of the w	ater righ	nt is based o	on (check one	e):	
	Perso	onal ob	servati	ion		\boxtimes	Profess	sional exper	tise		
2. I at	ttest that:										
\boxtimes	Water was u Certificate #		_	e prev	vious	five yea	ars on th	e entire pla	ce of use for		
	My knowled	lge is s	pecific	to the	e use	of wate	r at the f	following lo	ocations withi	in the last five yea	ırs:
	Certificate #	Town	nship	Ran	nge	Mer	Sec	1/4 1/4	Gov't Lot or DLC	Acres (if applicable)	
										•	
											1
											1
	r										1
											1
											1
											-
OR							,				_
	Confirming	Certifi	cate#_		has b	een issu	ed withi	n the past f	ive years; O I	₹	
	Part or all of instream leas	the wase num	ater rig ber is:	ht wa	s leas	sed instr	ream at s	ome time wight propos	vithin the last ed for	five years. The not leased instream	n.); OF
	The water ri								nat a presump	otion of forfeiture	for
	Water has be					_				for more than	
					(c	ontinues	on rever	se side)			

Revised 2/5/2010

3. The water right was used for: (e.g., crops, pasture, etc.): GROUP DOMESTIC USE

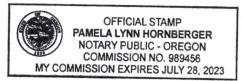
4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

Signature of Affiant

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OCT 05 2020

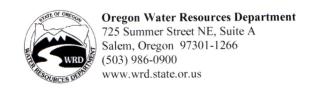
Signed and sworn to (or affirmed) before me this 21 day of September 20 20.



My Commission Expires:

Supporting Documents	Examples
Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
Copies of receipts from sales of irrigated crops or for expenditures related to use of water	 Power usage records for pumps associated with irrigation use Fertilizer or seed bills related to irrigated crops
	Farmers Co-op sales receipt
Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	 District assessment records for water delivered Crop reports submitted under a federal loan agreement Beneficial use reports from district IRS Farm Usage Deduction Report Agricultural Stabilization Plan CREP Report
Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added. Sources for aerial photos: OSU –www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terraserver.com
Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

Application for Water Right **Transfer**



Evidence of Use Affidavit

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State of	of Oregon)) ss					RECEIVED		
County	y of Deschutes)	, 50	,				OCT 05 2020		
I, <u>Niai</u>	LL BOGGS, in m	y capacity	as <u>CWRE</u> ,							
mailir	ng address 150	NW PACIFIC	PARK LN, SUI	ге 110, Ве	ND, OR 97	7701		OWRD		
teleph	one number (<u>541)550-769</u>	4, being first	duly sw	orn depo	se and say:				
1. M	y knowledge	of the exer	cise or status	of the w	vater righ	nt is based o	on (check one):		
	Perso	onal obser	vation	\boxtimes	Profess	sional exper	tise			
2. I a	ttest that:									
	Water was u Certificate #	-	•	s five yea	ars on the	e entire pla	ce of use for			
	My knowled	lge is spec	ific to the use	e of wate	er at the f	following lo		n the last five year	s:	
	Certificate #	Township	Range	Mer	Sec	1/4 1/4	Gov't Lot or DLC	Acres (if applicable)		
OR										
\boxtimes	Confirming	Certificate	# <u>92269</u> has	been issu	ed withi	in the past f	ive years; OF	2		
	Confirming Certificate # 92269 has been issued within the past five years; OR Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion not leased instream.); OR									
	The water ri		-				nat a presump	tion of forfeiture fo	or	
	Water has be							for more than		
				(continues	on rever	se side)				

- 3. The water right was used for: (e.g., crops, pasture, etc.): GROUP DOMESTIC USE FOR 155 FAMILIES
- **4**. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

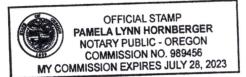
Signature of Affiant

9.21.2020

Date

Signed and sworn to (or affirmed) before the this

day of Lettember, 20 20



Notary Public for Oregon

My Commission Expires:

7/28/23

Supporting Documents	Examples
☐ Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
Copies of receipts from sales of irrigated crops or for expenditures related to use of water	 Power usage records for pumps associated with irrigation use Fertilizer or seed bills related to irrigated crops Farmers Co-op sales receipt
Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	 District assessment records for water delivered Crop reports submitted under a federal loan agreement Beneficial use reports from district IRS Farm Usage Deduction Report Agricultural Stabilization Plan CREP Report
Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added. Sources for aerial photos: OSU –www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terraserver.com
Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

RECEIVED

OCT 05 2020

Application for Water Right **Transfer**

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

Evidence of Use Affidavit

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing.

Supporting documentation must be attached.

State o	of Oregon)	99						
County	y of Deschutes)		,	SS				7	RECEIVED	
I, <u>Nial</u>	L Boggs, in m	y capa	city as	CWRE	Ξ,					OCT 05 2020	
mailin	ig address 150	NW PA	CIFIC PA	rk Ln.	, SUITE	E 110, BE	ND, OR 97	7701		OWRD	
teleph	one number (<u>541)550</u>) -7694 , 1	being	first	duly sw	orn depo	se and say:			
1. M	y knowledge	of the	exercis	e or st	tatus	of the w	vater righ	nt is based o	on (check one	e):	
	Perso	onal of	oservat	ion		\boxtimes	Profess	sional exper	tise		
2. I at	ttest that:										
			_	e prev	vious	five yea	ars on th	e entire pla	ce of use for		
-	Certificate #										
	My knowled	lge is s	specific	to the	e use	of wate	er at the	following lo		in the last five year	rs:
	Certificate #	Town	nship	Rai	nge	Mer	Sec	1/4 1/4	Gov't Lot or DLC	Acres (if applicable)	
								W			
					-97						
							и				
OR											
\boxtimes	Confirming							_	-		
	Part or all of instream least									t five years. The	
										not leased instrean	n.); OR
	The water ri	_		-					at a presump	otion of forfeiture	for
	Water has be 10 years for					-				for more than	
					(c	ontinues	s on rever	se side)			

Revised 2/5/2010

3. The water right was used for: (e.g., crops, pasture, etc.): QUASI-MUNICIPAL USE

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

9.2

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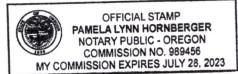
OCT 05 2020

Signature of Afriant

Signed and sworn to (or affirmed) before me this 2

OWRD

of Planks, 20 20



Notary Public for Oregon

My Commission Expires:

7/28/23

Supporting Documents	Examples
Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
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Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

Application for Water Right **Transfer**



Evidence of Use Affidavit

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State o	of Oregon)	SS					DECE	
County	y of Deschutes)		,	33					RECEIVED	
I, <u>Nial</u>	L Boggs, in m	y capa	city as	CWR	Ε,					OCT 0.5 2020	
mailin	ng address 150	NW PA	ACIFIC PA	ARK LN	, Suiti	E 110, BE	ND, OR 97	7701		OWRD	
teleph	one number (<u>541)55</u>	0-7694,	being	first	duly sw	orn depo	ose and say:			
1. M	y knowledge	of the	exercis	se or s	tatus	of the w	vater rigl	nt is based o	n (check one	e):	·
	Perso	onal o	bservat	tion		\boxtimes	Profess	sional exper	tise		
2 . I at	ttest that:										
	Water was u Certificate #		; OR								
Ш				c to th	e use	of wate	er at the f	tollowing lo	Gov't Lot	in the last five years:	
	Certificate #	Tow	nship	Ra	nge	Mer	Sec	1/4 1/4	or DLC	(if applicable)	
		fac									
									¥		
OR											
\boxtimes	Confirming	Certif	icate#	92271	has b	een issu	aed withi	in the past fi	ve years; Ol	R	
	Confirming Certificate # 92271 has been issued within the past five years; OR Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion <u>not</u> leased instream.); OR										
		ght is:	not sub	ject t	o forf	eiture a	nd docur	nentation th		otion of forfeiture for	
	Water has be					-				for more than	
					((continues	s on rever	se side)			

3. The water right was used for: (e.g., crops, pasture, etc.): GROUP DOMESTIC USE

4. I understand that if I do not attach one or more of the documents shown in the table below to support the

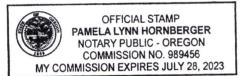
above statements, my application will be considered incomplete.

RECEIVED

OCT 0.5 2020

Signature of Affiant

Signed and sworn to (or affirmed) before me this



Notary Public for Oregon

My Commission Expires:

Supporting Documents	Examples
☐ Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
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Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added. Sources for aerial photos: OSU –www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terraserver.com
Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

Niall Boggs

From:

DAVIS Arla L * WRD < Arla.L.Davis@oregon.gov>

Sent:

Tuesday, November 05, 2019 10:08 AM

To:

Niall Boggs

Subject:

RE: Black Butte Ranch - Quasi-Municipal Water Right Transfer Question

RECEIVED

OCT 05 2020

Hi Niall,

OWRD

We have been having some computer issues around here so hopefully this finds its way to you today!

Regarding group domestic and Quasi-Muni transfers:

Report of Ownership for Quasi-Muni and Group Domestic is not required for this transfer, however, the Department will request documentation from Black Butte Ranch demonstrating that they are the water purveyor for any of the affected tax lots/users. I believe you should check the second box indicating a municipality on the application. I will go through it once its submitted and let you know if there is anything that doesn't look correct.

Hopefully this helps! Please let me know if there are any other questions!

Arla L. Davis

Water Rights Transfer Specialist Transfer and Conservation Section 725 Summer St. NE, Suite A | Salem, OR 97301 | Direct; 503-986-0806



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

From: Niall Boggs <NBoggs@parametrix.com> Sent: Tuesday, November 5, 2019 8:51 AM

To: DAVIS Arla L * WRD < Arla.L.Davis@oregon.gov>

Subject: FW: Black Butte Ranch - Quasi-Municipal Water Right Transfer Question

Arla-

Wanted to confirm you received the below email as I haven't heard your thoughts on our application. Let me know if you would like any additional information.

Thanks,

Parametrix

ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES

Niall Boggs, PE, CWRE

Senior Engineer 541.508.7710 541.550.7694 | direct 541.948.5362



RECEIVED

OCT 05 2020

OWRD

600

From: Niall Boggs

Sent: Tuesday, October 29, 2019 3:10 PM

To: Arla.L.Davis@oregon.gov

Subject: Black Butte Ranch - Quasi-Municipal Water Right Transfer Question

Arla-

To follow up on our conversations today and last week, I am looking into what we are required to provide as far as land ownership for a destination resort with hundreds of owners covered by quasi-municipal and group domestic rights? Per the current (12/20/2018) Permanent Transfer Application Form, page 4 of 6, there are three boxes to select from:

Check One Box
By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to
Department approval of the transfer, I will be required to provide landownership information and evidence that
I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); OR
I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the
municipality or a predecessor; OR
I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

We are close to completing applications for water right transfers for the multiple groundwater rights at Black Butte Ranch. There are hundreds of lots, all owned by individual lot owners. Some of the rights are currently group domestic, some are quasi-municipal. Changing all to quasi-municipal (if not currently), changing place of use to the service area covering the entire resort, and adding existing wells as points of appropriation.

The water rights we are proposing to modify through the transfer process are Certificates: 92269, 92270, 92271, 86708, and the group domestic portion of 76002. All the rights are owned by Black Butte Ranch and serve significant portions or all of the destination resort.

Thanks!

Parametrix

ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES

Niall Boggs, PE, CWRE

Senior Engineer 541.508.7710 541.550.7694 | direct 541.948.5362









UE 20 -	NOI 114 1303 /45/4E/40
STATE OF OREGON 1805) WATER RESOUR	CES DEPT. WATER RESOURCES DEPT.
WATER WELL REPORT (as required by ORS 537.765) STATE SALEM, ORI	#145/9E 96 SESTART DARDY 7609
(1) OWNER: Well Number:	(9) LOCATION OF WELL by legal description:
Name Black Butte March Inc	County Description Longitude Longitude
City Black Butte Daysle State / Fe Zip 9775	Township 14 New S, Range 9 E early, WM. Section 9-C 4 4
Wach North Assets	Section 7- C 4 4 Tax Lot Lot Block Subdivision
(2) TYPE OF WORK:	Street Address of Well (or nearest address)
THEW WELL	
(3) DRILL METHOD Rotary Air Rotary Mud Cable	(10) STATIC WATER LEVEL:
Other	24 ft. below land surface. Date 6-20-84
(4): EUSE:	Artesian pressure lb. per square inch. Date
☐ Domestic X Community ☐ Industrial ☐ Irrigation	(11) WATER BEARING ZONES:
☐ Thermal ☐ Injection ☐ Other	Depth at which water was first found
(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well	The Parimeted Flow Rate SWI
Special Construction approval Yes No Depth of Completed Well Yes No Depth of Completed Well	RECEIVED
Explosives used	DCT 0.5 2020
HOLE SEAL Amount	
Diameter From To Material From To sacks or pou	
	(12) WELL LOG: Ground elevation
	Material From To SW
	- 1 to 1
How was seal placed: Method	Water entering perferations
Backfill placed fromft. toft. Material	Estimated at 600 (xPIM.
Gravel placed fromft. toft. Size of gravel	6 remotes
(6) CASING/LINER:	T. V. Camera slowed water
Diameter From To Gauge Steel Plastic Welded Thre	
Casing:	
	Transfer to the second
	a liner o
Liner:	
	hole plug 80-43
Final location of shoe(s) (7) PERFORATIONS/SCREENS:	Well sealed with lenest growt
Perforations Method	Dunned 80'-78'
Screens Type Material	
Slot Tele/pipe	ner Well now producing 650 6PM
From To size Number Diameter size Casing Lin	1 1/2 21 DD
	Date started 6. 20-89 Completed 6-30-89
(8) WELL TESTS: Minimum testing time is 1 hour	(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration
Pump Bailer Air Flowing Artesian	abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my
Yield gal/min Drawdown Drill stem at Time	knowledge and belief.
1 hr.	WWC Number
	Signed Date
	(bonded) Water Well Constructor Certification:
Temperature of water Depth Artesian Flow Found	I accept responsibility for the construction, alteration, or abandons work performed on this well during the construction dates reported above
Was a water analysis done? Yes By whom	work performed during this time is in compliance with Oregon construction standards. This report is true to the best of my knowledge
Did any strata contain water not suitable for intended use? ☐ Too little ☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other	belief. WWC Number
Depth of strata:	belief. Signed John Jahren WWC Number \$ 75 Date 7-14-89
	4

The original and first copy of this report are to be filed with the

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

State Well No.	145/9E-9C
----------------	-----------

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

DESC 1806 Do not write above this line)

State	Well No	45/9E-9C
State	Permit No.	

(1) OWNER: Name Brooks Resources Corporation	(10) LOCATION OF WELL: County Deschutes Driller's well number
Address 416 N.E. Greenwood Ave.	34 SW 34 Section 9 T. 14S R. 9 E W.M.
Bend, Oregon 97701	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well □ Deepening □ Reconditioning ♣ Abandon □	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	
	Depth at which water was first found ft
Rotary Driven Domestic Industrial Municipal Domestic Industrial	Static level ft. below land surface. Date
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date
CASING INSTALLED: Threaded Welded 10 " Diam. from ft. to ft. Gage 250	(12) WELL LOG: Diameter of well below casing Depth drilled ft. Depth of completed well 101 ft.
PERFORATIONS: Perforated? Tyes D.No.	Formation: Describe color, texture, grain size and structure of materials and show thickness and nature of each stratum and aquifer penetrated with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata
	The second secon
Type of perforator used Factory Perforated	MATERIAL From To SWL
Size of perforations 3/16 in. by 4 in.	The second secon
560 perforations from 36 ft. to 76 ft.	Cleaned existing hole to 101 ft.
perforations from ft. to ft.	
perforations from	
(7) SCREENS: Well screen installed? Yes XX No	
Manufacturer's Name	RECEIVED
Type Model No	
Diam Slot size Set from ft. to ft.	OCT 0 5 2020
Diam. Slot size Set from ft. to ft.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	- OWRD
Was a pump test made? Yes No If yes, by whom?	RECEIVED
Yield: gal./min. with ft. drawdown after hrs.	"LUTIVED
" " "	Himotoria
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	JUN 25 1979
ailer test 10 gal./min. with ft. drawdown after 1 hrs.	WATEL BLUENCES CON
	Graces Graces
Artesian flow g.p.m.	Section 1. The second control of the second
perature of water Depth artesian flow encountered ft.	Work started 5-31 19 Completed 6-15 19 79
() CONSTRUCTION:	Date well drilling machine moved off of well 6-15 179
Well seal—Material used not disturbed	Drilling Machine Operator's Certification:
Well sealed from land surface to ft.	This well was constructed under my direct supervision. Materials used and information reported above are true to my
Diameter of well bore to bottom of seal in.	best knowledge and belief
Diameter of well bore below seal in.	[Signed Date 6 8 18
Number of sacks of cement used in well seal sacks	Drilling Machine Operator) Drilling Machine Operator's License No. 558
How was cement grout placed?	Diffing Machine Operator's License No. 32
	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is
Was a drive shoe used? 🚪 Yes 🗆 No Plugs Size: location ft.	true to the best of my knowledge and belief. Name Orvail Buckner Well Drilling. Inc.
Did any strata contain unusable water? Yes You	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address 1686 N.E. NEgus Way, Redmond, Ore. 97756
Method of sealing strata off	
Y	[Signed] (Water Well Contractor)
	600
Gravel placed from ft. to ft.	Contractor's License No. Date 19.79

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 UG 25 1970 (Here type of within 30 days from the destate of well completion. SALEM ON THE STATE OF OR SALEM OF THE SALEM OF TH	REPORT ECE 200	14/	47 1 -	9cc
within 30 days from the das TATE ENGINEER. of well completion. SALEM OREGON 973f0 U 2 5 1970 (Harde type of which is a second of the second	or prints TATE ENGINE GOVERNMENT NO.	101	0	
of well completion. SALEM OREGON	(10) LOCATION OF WELL			
(1) OWNER:	Deschites Driller's well num	nher		
Name Brooks Resources	County Donothing	7 5 to	1:2:	TX7 M
Address 447 East Greenwood Bend, Oreg.	14 14 Section 9 T. 14S	2. 9 E	- NO	VV .IVI.
Address	Bearing and distance from section or subdivision	a corner		**************************************
(2) TYPE OF WORK (check): Reconditioning Abandon Abandon				
New Well & Deepening Iteconduction	THE TYPE I EXTEL Completed We	.11		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	:11.	22	**
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found			ft.
Rotary Driven Domestic Industrial Municipal D	Static level 18 ft. below land st	rface.	Date [10/70
Cable	Artesian pressure lbs. per square	inch.	Date	
CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well b			ettervisionen v
12 "Diam. from 0 ft to 57 ft. Gage • 250	Depth drilled 105 ft. Depth of comple	ted well	60) ft.
" Diam. fromft. toft. Gage	Dedouble color feature grain size a	nd struc	ture of n	naterials;
" Diam. fromft. toft. Gage	a tallanger and nature of each stratun	n and ac	luiter be	neu aleu,
	with at least one entry for each change of format position of Static Water Level and indicate princ	ion. Rep	ort each c ter-bearin	ig strata.
PERFORATIONS: Perforated? Yes No.	position of Static Water Level and indicate print			
Type of perforator used	MATERIAL	From	То	swL
· · · · · · · · · · · · · · · · · · ·	Sand, pumice, fine	0	5	
Size of perforations in. by in.	Boulders	5	10	
perforations from	Lava, grey, fractured	10	16	
perforations fromft. toft.	Lava, grey	16	22	
perforations from ft. to ft.	Lava, grey, fractured	22	27	18
CONTRACTOR OF THE PARTY OF THE		27	32	
(7) SCREENS: Well screen installed? ☐ Yes 🏖 No	Lava, grey		33	
Manufacturer's Name	Clay, light brown	32	100	
Type Model No.	Sediments, red	33	34_	
Diam. Slot size Set fromft,	Gravel, large to small -	1.	1.0	
Diam. Slot size Set from ft. to ft.	and sediments	34	40	:
The second tractor level is	Clay, light brown	40	45	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level Pipe-Pump	Sandy sediments, clay	.45	55	
Was a pump test made? No If yes, by whom? & POWer	Gravel & sediments	55	60	
800	Gravel & clay	60	75	
Yield: OUU gal./min. with ft. drawdown after hrs.	Lava, grey & clay CEIVED	75	81	
, , , , , , , , , , , , , , , , , , , ,	Lava.grey	81	85	
" " "	Lava dense 00 2020	85	105	
Bailer test gal./min. with ft. drawdown after hrs.	7		1.0,5	
Secretary of the second of the	OWRD.		1	
Artesian flow g.p.m.		7/	10/70) 19
erature of water 40Depth artesian flow encounteredft.	the state of the s	7/1	- 1-	4-
CONCERNICATION	Date well drilling machine moved off of well	1/1	5/70	19
CONSTRUCTION:	Drilling Machine Operator's Certification	:		
Well seal-Material used Cement grout	This well was constructed under my	direc	t supe	rvision.
Well sealed from land surface to	Materials used and information reported	above	are tru	le to my
Diameter of well bore to bottom of seal 16 in.	best knowledge and belief.		U /4	70
Diameter of well bore below seal 12	[Signed]			, 19.70
Number of sacks of cement used in well seal both Relle Marks	Drilling Machine Operator's License No.	13	0 .	
Number of sacks of bentonite used in well sealsacks	Drilling Machine Operator's License No.			44114
Brand name of bentonite	Water Well Contractor's Certification:			
Number of pounds of bentonite per 100 gallons		lioti	and this	report to
of waterlbs./100 gals.	This well was drilled under my jurisc true to the best of my knowledge and be	lief.	and mis	rehort is
Was a drive shoe used? A Yes □ No Plugs Size: location ft.	Reed's Well Drilling	:		
	(Person, firm or corporation)	(Type or p	
Did any strata contain unusable water? Yes No	1142 Galveston Be		Orego	
Type of water? depth of strata	Address Alus R	ed		
Method of sealing strata off	[Signed] (Water Well Con			
Was well gravel packed? ☐ Yes ☐ No Size of gravel: 2/4 -17 Gravel placed from	Contractor's License No. 443 Date			, 1970
The state of the s				CTT-45056 110

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

J7 JWATER WELL REPORT

STATE OF OREGON

(Please type or print)
(Do not write above this line)

Revi	sed
------	-----

C120			
State	Well N	ю	
State	Permi	No.	

(1) OWNER:	(10) LOCATION OF WELL:
Name Brooks Resources Corporation	County Deschutes Driller's well number
Address 416 N.E. Greenwood Ave.	34 SW 34 Section 9 T.14S R. 9E W.M.
Bend, Oregon 97701	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check): New Well □ Deepening □ Reconditioning ☑ Abandon □	Plack Books Donek Hall No 1
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐ If abandonment, describe material and procedure in Item 12.	Black Butte Ranch Well No.1
	- (11) WATER LEVEL: Completed well.
Botom: D Driven D	Depth at which water was first found ft
Cable Jetted Domestic Industrial Municipal	Static level ft. below land surface. Date
Dug Bored I Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date
10 "Diam from	(12) WELL LOG: Diameter of well below casing
	Formation: Describe color texture grain size and structure of motorials
	and show thickness and nature of each stratum and aquifer penetrated with at least one entry for each change of formation. Report each change in
PERFORATIONS: Perforated? Yes No.	position of Static Water Level and indicate principal water-bearing strata
Type of perforator used Factory& Mills Knife	MATERIAL From To SWL
Size of perforations 3/16 in. by 4 in.	
	tt.
Existing per 2 various from	
perforations from 22 ft. to 55	OCT 0.5 2020
(7) SCREENS: Well screen installed? Yes Y No	2001 48 2020
Manufacturer's Name	OWRD
Type Model No	le le
Diam. Slot size Set from ft. to ft.	
Diam. Slot size Set from ft. to	RECEIVED
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? Yes You If yes, by whom?	JUL 171979
gal./min. with ft. drawdown after hr	WATER RESOURCES DEPT
" "	SALEM, OREGON
" "	
Bailer test 10 gal./min. with 0 ft. drawdown after 1 hr	8.
Artesian flow g.p.m.	
perature of water Depth artesian flow encountered	t. Work started 6-28 19 Completed 7-2 1979
(9) CONSTRUCTION:	Date well drilling machine moved off of well 19
Well seal-Material usednog. distufbed	Drilling Machine Operator's Certification:
Well sealed from land surface to f	This well was constructed under my direct supervision. Materials used and information reported above are true to my
Diameter of well bore to bottom of seal in.	best knowledge and belief.
Diameter of well bore below sealin.	[Signed] Date 7-2, 19.79
Number of sacks of cement used in well seal sack How was cement grout placed?	Drilling Machine Operator's License No. 959
	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Was a drive shoe used? Yes No Plugs Size: location f	Name Orvail Buckner Well Drilling, Inc.
Did any strata contain unusable water? Yes No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address 1000 N.E. Regus W24, Reduiolid, Oregon
Method of sealing strata off	- [Signed] Lucal Cashan
Was well gravel packed? Yes A No Size of gravel:	
Gravel placed from ft. to ft.	Contractor's License No608 Date7-16

Wind 2 / 5/3 State Well N

ło.	14\$19E.16
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The original and first corner of this report are to be filed with the STATE ENGINEER, SALEM, OF A TE ENGINEER Se type or print)
within 30 days from the that SALEM. OREGON write above this line.

SALEM. OREGON SALEM. OREGON

(1) OWNER:	(10) LOCATION OF WELL:
Name EPOURS / CSOURCE	County Atachete Driller's well number
Address 447. E. GREENWOOD BEND ORE.	SE 14 NE 14 Section / 6 T. /45 R. 9 E W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 260 ft
Rotary Driven Domestic Industrial Municipal	Static level 2.45 ft. below land surface. Date 2/28/
Cable Jetted	7 79
Bored Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date
) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well below casing
16 "Diam from 12 ft. to 287 ft. Gage / 3/2	Depth drilled 287 ft. Depth of completed well 287 ft
ft. Gage ft. Gage	Formation: Describe color, texture, grain size and structure of materials
"Diam. from ft. to ft. Gage	and show thickness and nature of each stratum and aquifer penetrated
PERFORATIONS: Perforated? X Yes No.	with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata
7/	MATERIAL From To SWL
Size of perforations $\frac{3}{6}$ in by 6 in $\frac{3}{6}$	CLAN THE FEACH C 2
5 40 perforations from 245 ft. to 286 ft.	LAVA GREV MED 1222
perforations fromft. toft.	
perforations from ft. to ft.	BASALT GREY (MARI) 99 1/2
(7) SCREENS: Well screen installed? Yes No	CLAY & BASALT BROWN BRIMEN 112 138
Manufacturer's Name	BASALT GREY HARD 138 159
Type Model No	CINDERS RED BASALT BROKEN 159 198
Diam Slot size Set from ft. to ft.	BASALT GREY HARD 198 219
Diam Slot size Set from ft. to ft.	CLAY BROWN BASALT BROKEN 219 249
(8) WELL TESTS: Drawdown is amount water level is	BASALT GREY HAND 249 260
lowered below static level	CINDERSTONE REDYMUITI-
Was a pump test made? Yes \(\simega \) No If yes, by whom? CORNELL	COLORCO GRAVEL 260 282
12: 620 gal./min. with 1,5 ft. drawdown after hrs.	BASALTREAM D 282 287
" 620 " 15 " 4 "	007.7.7
" 805 " 12- " 48 "	UCT 0.5 2020
Bailer test gal./min. with ft. drawdown after hrs.	
esian flow g.p.m.	OWRD
Aperature of water Depth artesian flow encountered ft.	Work started ///25 1972 Completed 2/22 197
	Date well drilling machine moved off of well 2/23 197
(9) CONSTRUCTION:	7 -3 /-
Well seal-Material used CCNFNT CROUT	Drilling Machine Operator's Certification:
Well sealed from land surface to	This well was constructed under my direct supervision Materials used and information reported above are true to my
Diameter of well bore to bottom of sealin.	best knowledge and kelief.
Diameter of well bore below seal	[Signed] Linkson Date 2/28, 187
Number of sacks of cement used in well seal	Drilling Machine Operator's License No
Number of sacks of bentonite used in well seal sacks Brand name of bentonite	
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:
of waterlbs./100 gals.	This well was drilled under my jurisdiction and this report is
Was a drive shoe used? ☐ Yes ☑ No Plugs Size: location ft.	true to the best of my knowledge and belief.
Did any strata contain unusable water? Yes No	Name (Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address 127 Fraker Hay PRINEUIZLE
Method of sealing strata off	(N) N (1977574
- V	[Signed] (Water Well Contractor)
Was well gravel packed? Yes No Size of gravel:	Contractorio License No. 1 10 Date 2/28 17



STATE OF OREGON

WATER WELL REPORT



JUN 1 7 1931

145/9E/16 a.

TED	DESC	OURCES	DEPT.	5		***				
4150	LEM	OREGO	METART	CARD)	#_	2	23	611	 	
24	LEW.	CHECK	MOTITION	0	н -					

(as required by ORS 537.765)	WEELAN, CHICAGO					·
(1) OWNER: Well Number:	(9) LOCATION	OF WELL by le				
·						
Address P.O. Box 8000 City Black Butte Ranch State Or. Zip 97759		SE 4				WM
		_ Lot Block				
(2) TYPE OF WORK:	Pax Lot _4000	ell (or nearest address)	Hawk	sbear	rd Ro	ī.
□ New Well ☑ Deepen. □ Recondition □ Abandon	Black Bu	tte Ranch				
(3) DRILL METHOD						
Rotary Air Rotary Mud A Cable	(10) STATIC W				1 26	01
Other	<u>265</u> ft.)	pelow land surface.		Date	<u>* 20-</u>	-91
(4) PROPOSED USE:		lb. per squ		Date ,		
□ Domestic ☑ Community □ Industrial □ Irrigation	(11) WATER B					
☐ Thermal ☐ Injection ☐ Other	Depth at which water was	first found 315				
(5) BORE HOLE CONSTRUCTION:	From '	То		ated Flow	Rate	SWL
Special Construction approval Yes No Depth of Completed Well 370 ft. Yes No Depth of Completed Well 370 ft. Explosives used Type Amount	315	327	300	GPM		265
Explosives used Type Amount	327	353		GPM		265
HOLE SEAL Amount Diameter From To Material From To sacks or pounds						
16" 0 +287 Undistrubed	(12) WELL LO	G: G. J.				
15" 232 353 12" 353 370		Oloulid Eleyat	ion			CUIT
12 533 370	201, 117, 22	Material		From	То	SWL
How was seal placed: Method	28½ yds 22		22			-
Other	sturry pum	ped 287 - 2	32		· · · · · ·	_
Backfill placed from ft. to ft. Material	Hard Black	Ragal+		287	315	_
Gravel placed from -50 ft. to 353 ft. Size of gravel ½ x 3/8		Conglomera	te		327	265
(6) CASING/LINER:		/Gravel/Bou			353	
Diameter From To Gauge Steel Plastic Welded Threaded		Gray Lava			370	
Casing:						
	9.1 yds gr	avel used				
Liner: 12" +1½ -354 .25 🕱 🗆 😿						
Liner: 12"+1½ -354 25 🕱 🗆 😾						_
Final location of shoe(s) ——354	Well drill	ed by C&R D	rill	ing (20.	
(7) PERFORATIONS/SCREENS:	# 540 2-2		-			
	11 3 20 2	,				
Perforations Method MaCnine Screens Type Material	DEC	FIVED				
Slot Tele/pipe	·III	LIALD				
From To size Number Diameter size Casing Liner	OCT	0 5 2020				
324 354 1/8 1392						
*3	0	WRD				-
		VVIII	-	-		
	4-1	8-91 Com	1	6-7-9	91	
	Date started		picaca i			
(8) WELL TESTS: Minimum testing time is 1 hour		Well Constructor Ce e work I performed o			on elter	etion
□ Pump □ Bailer □ Air □ Artesian	abandonment of this	well is in compliance	e with	Oregon v	vell con	structi
	standards. Materials a knowledge and belief.		reported	above ar	e true to	my be
Yield gal/min Drawdown Drill stem at Time	knowledge and bener.		v	VWC Nu	mber	
1 hr.	Signed		D	ate		
25 0 370 16 hr.	(bonded) Water We	Il Constructor Corti	fication	•	-	· · · ·
Townseature of water 490 Denth Artesian Flow Found	I accept respons	ibility for the constru	ction, al	teration,		
Temperature of water Depth Artesian Flow Found Was a water analysis done?	work performed on the					
Did any strata contain water not suitable for intended use? Too little	construction standard					
□ Salty □ Muddy □ Odor □ Colored □ Other □	belief.	Mac	> V	VWC Nu	mber 6	85_

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765)

(WELL I.D.)# L L	58765				_
(START CARD) #	154777	Old #	Desc	1810	_

Instruc	tions for	comple	ting thi	repor	t are on th	e nast	rage o	i this form.	T	A LOCATION OF T	VELL by less	al des	crintic	n:		
) OWN	ER:					ll Num	ber 3		-1	(9) LOCATION OF V	Tatitude	ii des	- i ibiii	Longi	tude	
ame Bla	ck Butte	Rach	Corpo	ration					- 1			Range			E	WM.
ddress P.	O. Box	8000							_	Township 14	and the second s	1/4			/4	
ity Blac				S	tate OR			Zip 97759		Section 15		1/4 Block			division	
) TYPI	E OF W	ORK								Tax LotL Street Address of Well						#3
New W	Vell D	ecpenin	ng 🛮 A	teration	n (repair/re	conditi	on)	Abandonm	ent	Street Address of Well	(or nearest add	iress)	DIECK	DOWN 14		
) DRII	LL ME									(10) STATIC WATER	R LEVEL:					
Rotary		Rotar			able	Aug	er				ow land surface			Da	te 3/24/2	003
Other	Well Co	mpleti	ion Rig						_	Artesian pressure			nare inc	h. Da	ite	
) PRO	POSED									(11) WATER BEARI						
Domes	stic	Com	munity		dustrial		rrigati	on		(II) WATER DEATE						
Therm		Injec			ivestock		Other		_	Depth at which water was	s first found Se	se ori	ginal L	og Desc	1810	
(5) BOI	RE HOI	LE CO	NSTR	UCTR	JN:					Deput at which water was						
Special C	onstructi	on appr	oval	Yes 🖊	No Depth	of Co	npiete	d Well 312	IL.	From	To)	I	Estimated	Flow Rate	SWL
-		Yes	No	Type _		^	moun	t		Troit						
1	HOLE				SEAL		_				1					
Diameter	1 1	To		terial	From	To		eks or pound: c 1810	8							
See	Origi	nai	Log		+	-	Des	. 1610								
	-						-				1					
	-				+											
										(12) WELL LOG:	d Elemetics					
How was						В	$\exists c$	\Box D	□E	Groun	d Elevation					
☑ Oth	ner See	Origin	ai Log	Desc 1	810		2-1			Materi	ial			From	То	SWL
Backfill						Mate		1		Additional perforation		ailed.	the			
	laced from	-		to	ft.	Size	of grav	vel		well was Sonar jette						
(6) CA	SING/L	INER	:							development was pe			50			
	Diameter	1		1-	uge Steel	Plast	k W	cided Thr	caded	the specific capacity						
Casing:	See	Orig	i na	Lo	9					A new well label was						1
-		-								See original Log # D						1
~										additional information						-
										audiuonai intormati			R	ECF	VEL	
Liner:															W.L.	
-													nr	TOS	2020	
	cation of														4-4-04-0	
(7) PEI	RFORA														1	1
Pe	erforation	15	Method	Mil	Is Knife	<u> </u>								OWF	P	1
S	creens		Type _			-	lateria	1						001		
From	To	Slo siz	c.Nu	mber .	Diameter	Tele/		Casing	Liner	RECE	VFD				-	+
270	310	3/82			10"										-	+
See	Origi	nal	Lo	g i	or prev	Perf	oatio			APR 1	7 2003				-	+
															+	1
										WATER RESOL	URCES DE	PT.			+	1
-										SALEM, C	HEGON				+	+
															27 2002	<u> </u>
(8) WI	ELLTE	STS:	Minim	am tes	ting time	is 1 h	our			Date started March 24					h 27 2003	
								Flowing	g	(unbonded) Water We	ii Constructor	Certi	ncation	1:		hand
P	ump		Bailer		Air			Artesia		I certify that the wor of this well is in compli	ance with Orea	on wa	ter sum	niv well co	nstruction	Stallualus
Ciana	d gal/min	E)rawdow	n	Drill st	tem at		Tim	ne	Materials used and info	rmation reporte	d abo	ve are ti	rue to the l	best of my	knowledg
	riginal	Log	Desc 1	810				1 h	ur.	and belief.	1		. /	-		
										1 4.26	2	1	1/2	WWC Nu	mber 177	4/02
										Signed July	und	1	tel		Date 3/1	703
Temper	rature of	water		D	Depth Artes	sian Flo	w Fou	ind		(bonded) Water Well	Constructor Co	ertific	ation.			
	water ana		ne?	-	s By who					I accept responsibili performed on this well	during the cons	transfile.	on dates	renorica	ADOVE. All	WOLK
					e for inten		?	Too little	e							
Cole	v \square M	uddy	Odor		Colored	Oth	er			construction standards.	This repett is	true to	the bes	st of my ki	now leage a	uid beliet.
							-	-		1/2	Who			WWC No	mber 146	
Depui	of strata:				-		-			Signed	Me				Date 3/	14/03
									NT C	PCOND CORV CONST	PHCTOD	тиг	RD CC	PY-CUS	TOMER	

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

Desc

(START CARD) # 105263

tage lof a Instructions for completing this report are on the last page of this form. Well Number (9) LOCATION OF WELL by legal description: Name Black Butte Ranch County Deschutes Latitude Longitude PO Box 8000 Address N or S Range 9E Township 14S City Black Butte Ranch State OR Zip 97759 Section 1/4 NW (2) TYPE OF WORK Tax Lot Lot Block Subdivision New Well Deepening Alteration (repair/recondition) Abandonment Street Address of Well (or nearest address) Hawks (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Other 304 ft. below land surface. Date 1-16-95 (4) PROPOSED USE: Artesian pressure lb. per square inch. Date Domestic (11) WATER BEARING ZONES: Community Industrial Irrigation Thermal Injection Livestock Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval Yes No Depth of Completed Well 420 ft. Explosives used Yes No Type Estimated Flow Rate SWL HOLE 359 -1.000 GPM 304 Diameter Material To From Sacks or pounds 20 \cap 420 100 cement 0 45 bags pea grave1100 304 7 vards AMTER RESUURCES 345 cement 304 35 345 350 Bentonite (12) WELL LOG: How was seal placed: Method A Ground Elevation Other . Backfill placed from 100 ft. to350 Material Deadr Material SWL Gravel placed from 420 ft. to 350 ft. Size of gravel pumice sand & broken rock (6) CASING/LINER: broken lava 8 9 Diameter To Gauge Steel Plastic Welded Threaded pumice sand & broken rock 9 13 367 16 Casing: 3 lava grev hard with broken 13 35 X seams lava gray & red with broken 35 46 12" Liner: 363 367 $250 \times$ v lava gravel medium well 46 82 12" 417 420 .250 😠 rounded Final location of shoe(s) lava gray hard 82 105 (7) PERFORATIONS/SCREENS: andosite gray very hard 105 136 Perforations Method lava reddish gray weathered 136 178 X Screens Material SS/304 Type Houston slightly vasicular med. Tele/pipe hard with broken seams From size Diameter Casing Liner lava reddish gray w/ andosite 178 367 417 60 X 188 П lava reddish gray weathered 188 200 П П lava red broken with cinders 200 238 loose. andosite basalt gray hard 285 (8) WELL TESTS: Minimum testing time is 1 hour 10-22 - 99 Completed Date started (unbonded) Water Well Constructor Certification: Flowing X Bailer Pump Air Artesian I certify that the work I performed on the construction, 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 Yield gal/min Drawdown Time Materials used and information report 50 and belief. WWC Number Signed Date Temperature of water 51 Depth Artesian Flow Found (bonded) Water Well Constructor Was a water analysis done? Yes By whom I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work Did any strata contain water not suitable for intended use? performed during this time is in compliance with Oregon water supply well Salty Muddy Odor Colored Other construction standards. This report is true to the best of my knowledge and belief. Depth of strata: WC Number 1358

ONSTRUCTOR

THIRD COPY-CUSTOMER

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY

STATE OF OREGON WATER WELL REPORT

Desc 9

145/9E/966

THIRD COPY-CUSTOMER

(START CARD) # Instructions for completing this report are on the last page of this form. Page 20 (9) LOCATION OF WELL by legal description: (1) OWNER: Well Number Name Black Butte Ranch Latitude E or W. WM. Address PO Box 8000 N or S Range Zip 97759 1/4 City Black Butte Ranch Section Block Subdivision Lot Tax Lot (2) TYPE OF WORK Street Address of Well (or nearest address) New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable ft, below land surface, Date Other lb. per square inch. (4) PROPOSED USE: Artesian pressure (11) WATER BEARING ZONES: Irrigation Domestic Industrial Community Livestock Other Thermal Injection Depth at which water was first found (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well From Explosives used Yes No Type SEAL HOLE Sacks or pounds From To Diameter From Material (12) WELL LOG: Method A \Box C Ground Elevation B How was seal placed: Other SWL From Material Backfill placed from ft. 10 290 andosite basalt grey with 285 ft. Size of gravel Gravel placed from some red hard (6) CASING/LINER: 290 302 andosite basalt gray with **Plastic** Welded Threaded Gauge Steel Diameter more red hard Casing: 322 lava red vasicular with 302 П some cinders fractured П 359 322 andosite basalt gray with trace of red hard П 359 380 lava red cinders loose Final location of shoe(s) 380 396 (7) PERFORATIONS/SCREENS: basalt gray med 396 420 lava gravel red vasicular Perforations Method Material Screens Telc/pipe Casing Liner Number Diameter From 10-22-94 Completed Date started (8) WELL TESTS: Minimum testing time is 1 hour (unbonded) Water Well Constructor Certification: Flowing I certify that the work I performed on the construction, alteration, or abandonment of this well is in combinance with Oregon water supply well construction standards. Materials used an information ported above are true to the best of my knowledge Pump Bailer Air Artesian Drill stem at Time Yield gal/min Drawdown and belief. WC Number Signed 4 Well-Constructor Certification: Depth Artesian Flow Found Temperature of water I accept responsibility for the construction, alteration, or abandonment work Was a water analysis done? Yes By whom performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well Did any strata contain water not suitable for intended use?

Too little construction standards. This report in true to the best of my knowledge and belief. Salty Muddy Odor Colored Other WWC Number Depth of strata:

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

DESC 60190

WELL I.D. LABEL# L 112240

START CARD # 1025324

ORIGINAL LOG # DESCHUTES 59906

(as required by ORS 537.765 & OAR 690-205-0210)	3/2015 ORIGINAL LOG # DESCHUTES 59906
(1) LAND OWNER Owner Well I.D.	
First Name Last Name	(9) LOCATION OF WELL (legal description)
Company BLACK BUTTE RANCH UTILITIES	County DESCHUTES Twp 14.00 S N/S Range 9.00 E E/W WM
Address P.O. BOX 8000	
	Sec 16 SE 1/4 of the NE 1/4 Tax Lot 4800
City SISTERS State OR Zip 97759 (2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat
X Alteration (complete 2a & 10) Abandonment(complete 5	Lat o ' or 44.35970500 DMS or DD Long o ' or -121.66037100 DMS or DD
(2a) PRE-ALTERATION	Long or121.66037100 DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd	 Street address of well Nearest address
Casing:	16511 HAWKS BEARD, SISTERS, OR 97759
Material From To Amt sacks/lbs	
Seal:	
(3) DRILL METHOD	(10) STATIC WATER LEVEL
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration 1/5/2015 254
Reverse Rotary Other	
	Completed Well 2/17/2015 254 Flowing Artesian? Dry Hole?
(4) PROPOSED USE Domestic Irrigation Community	
Industrial/ Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 265.00
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach co	py) 1/19/2015 265 275 500 254
Depth of Completed Well 362.00 ft.	
BORE HOLE SEAL sac	
Dia From To Material From To Amt Ib	
30 0 22 Bentonite Chips 0 16 44 S	<u>`</u>
18 22 362 Calculated 48	
Cement 16 300 440 S	
Calculated 188.5	(11) WELL LOG Ground Elevation 3383.00
How was seal placed: Method A B X C D E	Material From To
Other	Fine Silt and Forest Debris 0 3
Backfill placed from 302 ft. to 305 ft. Material BENTONITE PELL	Gravels and Sandy Loam 3 13
Filter pack from 303 ft. to 359 ft. Material GRAVEL Size pea grave	Hard Gray Basalt 25
	Broken Brown & Gray Basalt 25 78
Explosives used: Yes Type Amount	Gray Basalt 5 78 90
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	Brown Broken Basalt 90 100
Proposed Amount Actual Amount	Hard Gray Basalt 100 120
(6) CASING/LINER	Red & Brown Volcanics 100 120 145 165
Casing Liner Dia + From To Gauge Stl Plstc Wld Th	rd Plactured Gray Basait 143 103
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Red & Brown Volcanics & Basalt 165 195
$lackbox{ } lackbox{ } lackbox{ } lackbox{ } 26 lackbox{ } 0 20 .250 lackbox{ } la$	Hard Gray Basalt
12 329 339 .250 X	Medium Gray Basalt 275 300
	Hard Gray Basalt 300 313
	Cinders & Broken Basalt 313 325
Shoe Inside Outside Other Location of shoe(s)	Finer Sandy Gravel & Volcanics 325 332
Temp casing Yes Dia From To	Volcanic Interbeds with Sand 332 359
	Fractured Gray Basalt 359 362
(7) PERFORATIONS/SCREENS	
Perforations Method Material Type 304 Stainless	D. C. L. Lugger
Screens Type Wire wrap Material Type 304 Stainless Perf/ Casing/Screen Scrn/slot Slot # of Tele/	Date Started 1/5/2015 Completed 2/17/2015
Screen Liner Dia From To width length slots pipe size	
Screen Liner 12 339 359 .08 12.75	
	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
(8) WELL TESTS: Minimum testing time is 1 hour	6:1
Pump Bailer • Air Flowing Artesian	Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification
600 320 1	I accept responsibility for the construction, deepening, alteration, or abandonmen
	work performed on this well during the construction dates reported above. All work
	performed during this time is in compliance with Oregon water supply wel
Temperature 49 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and belief.
	License Number 1385 Date 2/23/2015
Water quality concerns? Yes (describe below) TDS amount To Description Amount Units	
	Signed ROBERT BUCKNER (E-filed)
	Contact Info (optional) Robert Buckner 541-408-5548

WATER SUPPLY WELL REPORT -	DESC 60190	WELL I.D. LABEL# I	
continuation page	2/23/2015	START CARD # ORIGINAL LOG #	
2a) PRE-ALTERATION		lity Concerns	[DESCRUTES 39900
Dia + From To Gauge Stl Plstc Wld Thrd		To Description	Amount Units
Material From To Amt sacks/lbs			-
, , , , , , , , , , , , , , , , , , ,			
5) BORE HOLE CONSTRUCTION	(10) STATI SWL Date	C WATER LEVEL From To Est 1	Flow SWL(psi) + SWL(ft)
BORE HOLE SEAL Dia From To Material From To Amt	sacks/	Tion To Est	SWE(R)
Calculated			
Calculated			
Calculated			
Calculated			
FILTER PACK From To Material Size	(11) WELL	LOG	
		Material	From To
) CASING/LINER			
Casing Liner Dia + From To Gauge Stl Plstc Wld	Thrd	RECEIVED	
		OCT 0 5 2020	
		OWRD	
88-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	H		
) PERFORATIONS/SCREENS			
Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/		
	pipe size		
			-
	Comments	/Remarks	
(9) W/FI I TECTS. Minimum tooting time is 1 beauty			
(8) WELL TESTS: Minimum testing time is 1 hour)		
Yield gal/min Drawdown Drill stem/Pump depth Duration (h	<u>"</u>		
	¬ II		

OCT 0 5 2020

Map of Hole

OWRD

STATE OF OREGON WELL LOCATION MAP

Oregon Water Resources Department

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



This map is supplemental to the WATER SUPPLY WELL REPORT

LOCATION OF WELL Latitude: 44.359705 Datum: WGS84

Longitude: -121.660371

Township/Range/Section/Quarter-Quarter Section:

WM 14S 9E 16 SENE Address of Well:

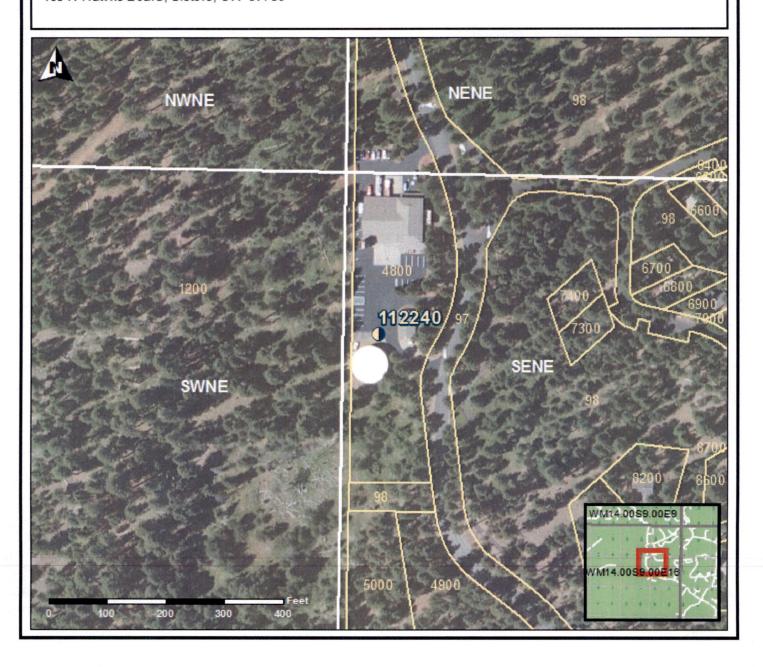
16511 Hawks Beard, Sisters, OR 97759

Well Label: 112240

Printed: February 23, 2015

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





Page 1 of 2 WELL I.D. LABEL# L 112240 STATE OF OREGON **DESC 59906** START CARD # 1022052 WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) 2/13/2014 Note AL LOG gillisbm (1) LAND OWNER
First Name Confidence Owner Well I D This well report was originally e-filed to (9) LOCATION the Dept; the original e-filed well log is Company BLACK BUTTE RANCH whilities County DESCHUTES attached. Address PO BOX 1728- 8000 Sec 16 SE 1/4 Fax Lot 4800 Zip 97756-City REDMOND SISTERS State OR Tax Map Number RECEIVED X New Well Deepening Conversion DMS or DE Alteration (complete 2a & 10) | Abandonment(complete 5a) (2a) PRE-ALTERATION OCTre 0 .5 . . 2020 Plstc Wld Thrd Street add Gauge 13511 HAWKS BEAR BLACK BUTTE RAN Material From Amt sacks/lbs Seal: (10) STATIC WATER LEVEL (3) DRILL METHOD Date SWL(ps1) SWL(ft) Rotary Air Rotary Mud Cable Auger Cable Mud Existing Well / Pre-Alteration Reverse Rotary Other Completed Well 1/28/2014 Flowing Artesian? Dry Hole? (4) PROPOSED USE Domestic Irrigation Industrial/ Commercial Livestock Dewatering Depth water was first found 265.00 WATER BEARING ZONES Thermal Injection X Other TEST HOLE SWL Date From To Est Flow SWL(psi) + SWL(ft) (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) 1/28/2014 265 275 254 Depth of Completed Well 325.00 1/28/2014 313 325 50 254 **BORE HOLE** SEAL. sacks/ Dia From Material From To To Amt lbs 12 0 18.5 Bentonite Chips 18.5 16 8 18.5 325 (11) WELL LOG Ground Elevation How was seal placed: Method D From To Material X Other POURED DRY FILL FINE GRAVELS SILT 0 2 **GRAVELS CLAY** 13 Backfill placed from _ ft. to __ ft. Material LAVA GRAY 13 25 Filter pack from ft. to ft. Material Size LAVA BROKEN BROWN 25 78 Explosives used. Yes Type_ Amount LAVA GRAY SOFT 78 90 (5a) ABANDONMENT USING UNHYDRATED BENTONITE 90 100 LAVA BROKEN BROWN 100 120 Proposed Amount LAVA GRAY HARD Actual Amount LAVA RED BROWN 120 145 (6) CASING/LINER LAVA GRAY FRACTURED LAYERS 165 145 Dia Casing Liner Pistc Wld Thrd From To Gauge LAVA RED BROWN 195 165 X \odot \odot 8 1.5 18.5 .250 195 250 LAVA GRAY LAVA GRAY SOFT 250 265 275 265 SANDSTONE **BASALT MEDIUM** 205 300 RECEIVE **BASALT HARD** 300 313 Inside Outside Other Location of shoe(s) CINDERS BROKEN BASALT CAVING 313 Temp casing Yes Dia From (7) PERFORATIONS/SCREENS Perforations Method 3 Am 6 Mar 0 128/2014 Screens Type Material Date Started 1/27/2014 Perf/ Casing/ Screen Scrn/slot # of Tele/ Slot (unbonded) Water Well Constructor Certification Dia Screen Liner From iength slots pipe size 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 758 Date 2/11/2014 (8) WELL TESTS: Minimum testing time is 1 hour Signed THOMAS R PECK (E-filed) Pump Flowing Artesian () Bailer Air (bonded) Water Well Constructor Certification Yield gal/min Drill stem/Pump depth Duration (hr) 50 t 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. of Lab analysis Yes By Temperature 50 Yes (describe below) 7DS amount License Number 1720 Date 2/13/2014 Water quality concerns? Description Signed JACK ABBAS (E-filed) Contact Info (optional)

continuation page	2/13/2014	ORIGINAL LOG #	
continuation page		START CARD # 1022052	
WATER SUPPLY WELL REPORT -	DESC 59906	WELL I.D. LABEL# L 112240	

(2a) PRE-ALTERATION	Water Quality Concerns	
Dia + From To Gauge Stl Plstc Wld Thrd		mount Units
The stage of the first	From To Description A	mount Omis
Material From To Amt sacks/lbs		
Material Fibili 10 Aliit Sacks/108		
	(10) STATIC WATER LEVEL	
5) BORE HOLE CONSTRUCTION	1 2 2	psi) + SWL(ft)
BORE HOLE SEAL sacks/	SWE Date 11011 10 Est 110W SWE()31) · 341L(11)
Dia Farm Ta		
Dia From 10 Material From To Amt lbs		
		-
		-
EU TER D. CV		
FILTER PACK	(11) WELL LOG	
From To Material Size		
	Material From	n To
() CACING/LINED		-
6) CASING/LINER		
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd		
	CEIVED	
	BEUL	
	RECEIVED OCT 05 2020	
	OCT 05 2020	
	OCT 03	
	OWRD	
	1 OAA12	
	<u> </u>	
7) PERFORATIONS/SCREENS		41147 ATT
/) LENFORM HUMO/SUREEMS		WALL
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/	RECEIVED BY	
Screen Liner Dia From To width length slots pipe size		
Steel Line, Did 110th 10 width length 310th pipe 3124		1.1
	EEB 7 8 50	12.
		SE:
	SALEM, C	71.
	Comments/Remarks	
	Omments/Remarks	
	3 YARDS SAND GROUT 8 FEET - 90 FEET	
(8) WELL TESTS: Minimum testing time is 1 hour	HOLE PROBED AT 325 FEET	
	HOLL FRODED AT 323 FEET	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		

STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BLACK BUTTE RANCH PROPERTY MANAGEMENT CORP. P.O. BOX 8000
BLACK BUTTE RANCH, OREGON 97759

confirms the right to use the waters of WELL 3 in the DESCHUTES RIVER BASIN for IRRIGATION OF 22.9 ACRES, SUPPLEMENTAL IRRIGATION OF 50.0 ACRES, FISH CULTURE, AND GROUP DOMESTIC USE.

This right was perfected under Permit G-8503. The date of priority is FEBRUARY 2, 1979. This right is limited to 2.63 CUBIC FEET PER SECOND(CFS); BEING 0.91 CFS FOR IRRIGATION AND SUPPLEMENTAL IRRIGATION, 1.65 CFS FOR GROUP DOMESTIC, AND 0.07 CFS FOR FISH CULTURE, or its equivalent in case of rotation, measured at the well.

The well is located as follows:

NW 1/4 NW 1/4, SECTION 22, T 14 S, R 9 E, W.M.; 250 FEET SOUTH AND 700 FEET EAST FROM THE NORTHWEST CORNER OF SECTION 22.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

This right is limited to any deficiency in the available supply of any prior right existing for the same land.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use to which this right is appurtenant is as follows:

PRIMARY IRRIGATION

NE 1/4 NE 1/4	3.6 ACRES	
IW 1/4 NE 1/4	4.2 ACRES	DECT
NE 1/4 NW 1/4	3.5 ACRES	RECEIVED
SE 1/4 NW 1/4	4.3 ACRES	007.
NE 1/4 SW 1/4	2.1 ACRES	OCT 05 2020
NE 1/4 SE 1/4	0.9 ACRE	
NW 1/4 SE 1/4	4.3 ACRES	OWRD
SECTIO	N 21	OWIND

TOWNSHIP 14 SOUTH, RANGE 9 EAST, W.M.

SEE NEXT PAGE

SUPPLEMENTAL IRRIGATION

NE 1/4 SW 1/4 0.2 ACRE
NW 1/4 SW 1/4 3.4 ACRES
SW 1/4 SW 1/4 7.4 ACRES
SE 1/4 SW 1/4 0.2 ACRE
SECTION 15

NE 1/4 NE 1/4 6.1 ACRES NW 1/4 NE 1/4 1.6 ACRES SW 1/4 NE 1/4 4.2 ACRES SE 1/4 NE 1/4 10.9 ACRES NE 1/4 SE 1/4 2.1 ACRES SECTION 21

NE 1/4 NW 1/4 5.0 ACRES NW 1/4 NW 1/4 8.9 ACRES SECTION 22

FISH CULTURE

N ½ N ½ SECTION 22

GROUP DOMESTIC

ALL SECTION 9

W 1/2 NE 1/4 NW 1/4 N 1/2 SW 1/4 SW 1/4 SW 1/4 SECTION 10

W 1/2 SECTION 15

E 1/2 NE 1/4 SECTION 16

NE 1/4 E 1/2 NW 1/4 NE 1/4 SW 1/4 N 1/2 SE 1/4 SECTION 21

N ½ N ½ SECTION 22

NW 1/4 NW 1/4 SECTION 23 TOWNSHIP 14 SOUTH, RANGE 9 EAST, W.M.

SEE NEXT PAGE

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PAGE THREE

The water user shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

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

WITNESS the signature of the Water Resources Director, affixed FEBRUARY 24, 1999.

Pufare Do Souley

/ Martha O. Pagel

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Recorded in State Record of Water Right Certificates numbered 76002.

STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BLACK BUTTE RANCH ASSOCIATION PO BOX 8000 BLACK BUTTE RANCH OR 97759

confirms the right to use the waters of BLACK BUTTE RANCH WELL 1 in the Deschutes Basin for GROUP DOMESTIC USE

This right was perfected under Permit G-6797. The date of priority is JUNE 25, 1975. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 1.8 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Measured Distances
14 S	9 E	WM	9	SW SW	_		469 FEET NORTH & 450 FEET EAST FROM SW
							CORNER, SECTION 9

A description of the place of use to which this right is appurtenant is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	DLC
14 S	9 E	WM	9	NE NE		
14 S	9 E	WM	9	NW NE	2 2	
14 S	9 E	WM	9	SW NE		
14 S	9 E	WM	9	SE NE	K 1	
14 S	9 E	WM	9	NENW		
14 S	9 E	WM	9	NW NW		
14 S	9 E	WM	9	SW NW		_2 0
14 S	9 E	WM	9	SE NW		2
14 S	9 E	WM	9	NE SW		
14 S	9 E	WM	9 -	_NW SW		
14 S	9 E	WM	9	SW SW		
14 S	9 E	WM	9	SE SW		
14 S	9 E	WM	9	SW SE		
14 S	9 E	WM	9	SE SE		

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NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

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-137-004-0080, you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

Twp	Rng	Mer	Sec	Q-Q	GLot	DLC
14 S	9 E	WM	10	NW NE		
14 S	9 E	WM	10	SW NE		
14 S	9 E	WM	10	NW NW		
14 S	9 E	WM	10	SE NW		
14 S	9 E	WM	10	NE SW		
14 S	9 E	WM	10	NW SW		
14 S	9 E	WM	10	SW SW		-1
14 S	9 E	. WM	15	NE NW		
14 S	9 E	WM	15	NW NW		
14 S	9 E	WM	15	SW NW		
14 S	9 E	WM	15	SE NW		
14 S	9 E	WM	15	NE SW		
14 S	9 E	WM	15	NW SW		
14 S	9 E	WM	15	SW SW		
14 S	9 E	WM	15	SE SW	,	
14 S	9 E	WM	16	NE NE		
14 S	9 E	WM	16	SE NE		
14 S	9 E	WM	21	NENE		
14 S	9 E	WM	22	NE NE		
14 S	9 E	WM	22	NW NE		
14 S	9 E	WM	22	NE NW		
14 S	9 E	WM	22	NW NW		
14 S	9 E	WM	23	NW NW		

The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times. The water user shall install and maintain a weir, meter, or other suitable measuring device and keep a complete record of the amount of ground water withdrawn.

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

The use of water shall be limited when it interferes with any prior surface or ground water rights.

Issued

JAN 28 2011

Dwight W. French

Administrator Water Rights and Adjudications, for

Phillip C. Ward, Director

Water Resources Department

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OCT 05 2020

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STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BLACK BUTTE RANCH ASSOCIATION PO BOX 8000 BLACK BUTTE RANCH OR 97759

confirms the right to the use of water perfected under the terms of Permit G-8501. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the well(s). The specific limits and conditions of the use are listed below.

SOURCE OF WATER: THREE WELLS IN THE DESCHUTES BASIN

PURPOSE OR USE: GROUP DOMESTIC FOR 155 FAMILIES

MAXIMUM RATE: 0.27 CUBIC FOOT PER SECOND

DATE OF PRIORITY: FEBRUARY 2, 1979

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
14 S	9 E	WM	9	SW SW	WELL 1 (ORIGINAL) - 469 FEET NORTH AND 450 FEET EAST FROM SW CORNER, SECTION 9
14 S	9 E	WM	16	SE NE	WELL 2 (ORIGINAL) - 1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER, SECTION 16
14 S	9 E	WM	16	SE NE	WELL 5 (ADDITIONAL) - 1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER, SECTION 16

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	21	NE NE
14 S	9 E	WM	21	NW NE
14 S	9 E	WM	21	SW NE
14 S	9 E	WM	21	SE NE
14 S	9 E	WM	21	NE NW
14 S	9 E	WM	21	SE NW
14 S	9 E	WM	21	NE SW
14 S	9 E	WM	21	NE SE
14 S	9 E	WM	21	NW SE

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The quantity of water diverted at the additional point of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available from the original points of appropriation.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-11380-cf-86709.ra.klk

Page 1 of 2

Certificate 92269

Water use measurement conditions:

- a. The water user shall maintain the totalizing flow meter or other suitable measuring device in good working order at each point of appropriation.
- b. 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.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the wells at all times.

The water user shall install and maintain a weir, meter, or other suitable measuring device and keep a complete record of the amount of ground water withdrawn.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

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

This certificate is issued to confirm an ADDITIONAL POINT OF APPROPRIATION approved by an order of the Water Resources Director entered SEPTEMBER 3, 2013, at Special Order Volume 91, Page 253, approving Transfer Application 11380 supersedes Certificate 86709, State record of Water Right Certificates.

FEB 06 2017

Issued

Water Right Services Division Administrator, for

Thomas M) Byler, Director

Oregon Water Resources Department

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OCT 0.5 2020

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STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BLACK BUTTE RANCH CORPORATION PO BOX 8000 BLACK BUTTE RANCH OR 97759

confirms the right to the use of water perfected under the terms of Permit G-17023. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-7017

SOURCE OF WATER: BLACK BUTTE RANCH WELL 2 AND BLACK BUTTE RANCH WELL 5

PURPOSE OR USE: GROUP DOMESTIC USE

MAXIMUM RATE: 2.9 CUBIC FEET PER SECOND

DATE OF PRIORITY: JUNE 25, 1975

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The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
14 S	9 E	WM	16	SE NE	WELL 2 (ORIGINAL) - 1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER, SECTION 16
14 S	9 E	WM	16	SE NE	WELL 5 (ADDITIONAL) - 1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER, SECTION 16

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	9	NE NE
14 S	9 E	WM	9	NW NE
14 S	9 E	WM	9	SW NE
14 S	9 E	WM	9	SE NE
14 S	9 E	WM	9	NENW
14 S	9 E	WM	9	NWNW
14 S	9 E	WM	9	SWNW
14 S	9 E	WM	9	SE NW
14 S	9 E	WM	9	NE SW
14 S	9 E	WM	9	NW SW

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	9	SW SW
14 S	9 E	WM	9	SE SW
14 S	9 E	WM	9	NE SE
14 S	9 E	WM	9	NW SE
14 S	9 E	WM	9	SW SE
14 S	9 E	WM	9	SE SE
14 S	9 E	WM	10	NW NE
14 S	9 E	WM	10	SW NE
14 S	9 E	WM	10	NE NW
14 S	9 E	WM	10	NW NW

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	10	SWNW
14 S	9 E	WM	10	SE NW
14 S	9 E	WM	10	NE SW
14 S	9 E	WM	10	NW SW
14 S	9 E	WM	10	SWSW
14 S	9 E	WM	15	NE NW
14 S	9 E	WM	15	NW NW
14 S	9 E	WM	15	SW NW
14 S	9 E	WM	15	SE NW
14 S	9 E	WM	15	NE SW
14 S	9 E	WM	15	NW SW

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	15	SW SW
14 S	9 E	WM	15	SE SW
14 S	9 E	WM	16	NE NE
14 S	9 E	WM	16	SE NE
14 S	9 E	WM	21	NE NE
14 S	9 E	WM	22	NE NE
14 S	9 E	WM	22	NW NE
14 S	9 E	WM	22	NE NW
14 S	9 E	WM	22	NWNW
14 S	9 E	WM	23	NW NW

The combined quantity of water diverted at the new additional point of appropriation, Well 5, together with that diverted at the old point of appropriation, Well 2, shall not exceed the quantity of water lawfully available from the original point of appropriation, Well 2.

Black Butte Ranch Water Management and Conservation Plan shall remain in effect until December 1, 2021, unless approval is rescinded pursuant to OAR 690-086-0920.

Black Butte Ranch shall submit an updated plan meeting the requirements of OAR Chapter 690, Division 086 within 10 years (of the plan approval date) and no later than December 1, 2020.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the wells at all times.

The water user shall install and maintain a weir, meter, or other suitable measuring device and keep a complete record of the amount of ground water withdrawn.

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

FEB 0 6 2017

Dwight French

Water Right Services Division Administrator, for

Thomas MyByler, Director

Oregon Water Resources Department

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STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

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THIS CERTIFICATE ISSUED TO

OCT 05 2020

BLACK BUTTE RANCH CORPORATION AND BLACK BUTTE RANCH ASSOCIATION PO BOX 8000

OWRD

BLACK BUTTE RANCH OR 97759

confirms the right to the use of water perfected under the terms of Permit G-11710. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the well(s). The specific limits and conditions of the use are listed below.

SOURCE OF WATER: THREE WELLS IN WHYCHUS CREEK BASIN

PURPOSE OR USE: QUASI-MUNICIPAL USE

MAXIMUM RATE: 4.8 CUBIC FEET PER SECOND (CFS), FURTHER LIMITED TO 2.1 CFS FROM WELL 2 AND 2.7

CFS FROM WELL 4

DATE OF PRIORITY: NOVEMBER 18, 1991

The source of water allowed under this right is limited to the water bearing zone approximately 300 feet below land surface at the well locations.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
14 S	9 E	WM	9	SW SW	WELL 4 (ORIGINAL) - 4943 FEET SOUTH AND 412 FEET EAST FROM NW CORNER, SECTION 9
14 S	9 E	WM	16	SE NE	WELL 2 (ORIGINAL) - 1530 FEET SOUTH AND 1236 FEET WEST FROM NE CORNER, SECTION 16
14 S	9 E	WM	16	SE NE	WELL 5 (ADDITIONAL) - 1570 FEET SOUTH AND 1292 FEET WEST FROM NE CORNER, SECTION 16

A description of the place of use to which this right is appurtenant is as follows:

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	9	NE NE
14 S	9 E	WM	9	NW NE
14 S	9 E	WM	9	SW NE
14 S	9 E	WM	9	SE NE
14 S	9 E	WM	9	NE NW
14 S	9 E	WM	9	NWNW
14 S	9 E	WM	9	SW NW
14 S	9 E	WM	9	SE NW
14 S	9 E	WM	9	NE SW

Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	9	NW SW
14 S	9 E	WM	9	SW SW
14 S	9 E	WM	9	SE SW
14 S	9 E	WM	9	NE SE
14 S	9 E	WM	9	NW SE
14 S	9 E	WM	9	SW SE
14 S	9 E	WM	9	SE SE
14 S	9 E	WM	10	NW NE
14 S	9 E	WM	10	SW NE

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

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Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	10	NE NW
14 S	9 E	WM	10	NW NW
14 S	9 E	WM	10	SW NW
14 S	9 E	WM	10	SE NW
14 S	9 E	WM	10	NE SW
14 S	9 E	WM	10	NW SW
14 S	9 E	WM	10	SW SW
14 S	9 E	WM	15	NE NW
14 S	9 E	WM	15	NW NW
14 S	9 E	WM	15	SW NW
14 S	9 E	WM	15	SE NW
14 S	9 E	WM	15	NE SW
14 S	9 E	WM	15	NW SW
14 S	9 E	WM	15	SW SW
14 S	9 E	WM	15	SE SW
14 S	9 E	WM	16	NE NE

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Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	16	SE NE
14 S	9 E	WM	21	NE NE
14 S	9 E	WM	21	NW NE
14 S	9 E	WM	21	SW NE
14 S	9 E	WM	21	SE NE
14 S	9 E	WM	21	NE NW
14 S	9 E	WM	21	SE NW
14 S	9 E	WM	21	NE SW
14 S	9 E	WM	21	NE SE
14 S	9 E	WM	21	NW SE
14 S	9 E	WM	22	NE NE
14 S	9 E	WM	22	NW NE
14 S	9 E	WM	22	NE NW
14 S	9 E	WM	22	NW NW
14 S	9 E	WM	23	NW NW

Measurement, recording and reporting conditions for Well 2 and Well 4:

- A. The water user shall maintain the meters or measuring devices in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water-use information, including the place and nature of use of water under the right.
- B. 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.

Measurement, recording and reporting conditions for Well 5:

- A. The water user shall maintain the totalizing flow meter or other suitable measuring device in good working order at each point of appropriation.
- B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

The water user shall monitor and report the impact of water use under this right on water levels within the aquifer that provides water to the well(s) in accordance with the plan on file with the Department. If a well listed on this right displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdraw from, the well(s). Such action shall be taken until the water level recovers to above the 25 foot decline level or until the Department determines, based on the water user or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline to occur within the aquifer as a result of use under this right.

In the event of a request for a change in point of appropriation, an additional point of appropriation or alteration of the facility associated with this authorized diversion, the quantity of water allowed herein, together with any other right, shall not exceed the capacity of the facility at the time of perfection of this right.

The quantity of water diverted at the additional point of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available from the original points of appropriation.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a useable access port, and may also include an air line and pressure gauge to determine the water level elevation in the wells at all times.

This right is limited to any deficiency in the available supply of any prior right existing for the same land.

The Director may require water level or pump tests every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

This right is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

Water may be applied to lands which are not specifically described above, provided the holder of this right complies with ORS 540.510(3).

The use of water shall be limited when it interferes with any prior surface or ground water rights.

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

This certificate is issued to confirm an ADDITIONAL POINT OF APPROPRIATION approved by an order of the Water Resources Director entered SEPTEMBER 3, 2013, at Special Order Volume 91, Page 247, approving Transfer Application 11381 supersedes Certificate 85315, State record of Water Right Certificates.

FEB 06 2017

Issued

Dwight French

Water Right Services Division Administrator, for

Thomas M. Byler, Director

Oregon Water Resources Department

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January 20, 2017

Chris Kowitz, Water Management and Conservation Analysis Transfer & Conservation Section Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1226

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OCT 05 2020

OWRD

RE: Black Butte Ranch Water Management and Conservation Plan – Five Year Progress Report

Dear Mr. Kowitz:

We represent Black Butte Ranch (Ranch) with respect to preparation of its Water Management and Conservation Plan (WMCP). Ranch filed its updated WMCP on December 1, 2011. In accordance with the Department's Final Order approving the Ranch's WMCP, Ranch is required to submit a five-year progress report.

Enclosed is Ranch's Five-Year Progress Report on Implementation of the Water Conservation and Supply Measures Described in the Approved WMCP (Year 2011), along with a spreadsheet summary of the Ranch's water rights.

Thank you for your assistance in preparation of this Report. If you have questions please feel free to give me a call at (503) 363-2121. In addition, if you have technical questions about the Report or the water right summary, please feel free to call Niall Boggs at (541) 508-7710.

Sincerely,

A. Reed Marbut

Enclosures

cc: Lisa Jaramillo, OWRD

> Swen Petterson, BBR Niall Boggs, Parametrix

Josh Newton, KP



Black Butte Ranch, Oregon

January 2017

OWRD

Five-Year Progress Report on Implementation of the Water Conservation and Supply Measures Described in the Approved WMCP (Year 2011)

OAR 690-086-0120(4)(a): A list of the benchmarks established under OAR 690-086-0150 and a description of the progress of the municipal water supplier in implementing the associated conservation or other measure.

Progress Report for Conservation Benchmarks Listed in the 2011 WMCP

	Item	Status				
1.	Annual Water Audit	Black Butte Ranch continues to perform an annual, system-wide water audit. BBR has also improved its methodology for estimating it unmetered uses of water. Specifically, water used for backwash/flushing at the water treatment plant is now tracked and documented. A program has also been implemented to meter was used by contractors from fire hydrants for construction purposes.				
2.	Fully Metered System	BBR's system is fully metered. BBR also continues to require meters for all development within its service area. Contractors accessing bulk water from fire hydrants are required to meter water use from hydrants and report that usage.				
3.	Meter Testing & Replacement	The system has 1253 customer service connections that are all metered and read monthly, except for the winter months when elements prevent access to meters. During 2013 approximately 30 meters were tested, results showed a 98%+ accuracy rate. Starting in 2017 a program will be implemented of replacing 50 meters per year until all 1253 meters are replaced.				
4.	Water Rates	Meters read in 1000 gallon increments Base rate - less than 10,000 gallons: \$28.00 per month Between 10,000 and 31,000 gallons: additional \$0.90 per 1000 gallons Between 31,000 and 51,000 gallons: additional \$1.10 per 1000 gallons Greater than 51,000 gallons: additional \$1.30 per 1000 gallons				
5.	Leak Detection Program	BBR has a leak detection program in place and a survey will be conducted at least every 15 years. In 2015, 32 miles pipeline (168,960 feet) was surveyed and 3 leaks were identified, one significant leak and two minor leaks. It is estimated that 2.7 MG of water was lost from these leaks. The three leaks were repaired.				
6.	Public Education	BBR maintains a webpage that conveys helpful tips and information about ways to conserve water. The webpage also provides information and techniques for creating a water efficient landscape. The page highlights low water use and drought tolerant plants and efficient landscape irrigation practices.				
7.	Leak Repairs & Line Replacement	BBR budgets \$27,000 annually for leak repair and line replacement. BBR has a leak detection program in place. In 2015, 32 miles pipeline (168,960 feet) was surveyed and 3 leaks were identified, one significant leak and two minor leaks. It is estimated that 2.7 MG of water was lost from these leaks.				
8.	Technical & Financial Assistance	BBR operational staff conducts a field examination of the transmission and distribution system annually. A program for has been implemented tracking all unmetered withdrawals from fire hydrants when hydrants are exercised, flushed, tested or used as a source of water for other such as flushing and cleaning sewer lines. Weirs were installed on the surface water sources allowing BBR to track water for irrigation.				



9,	Retrofit/Replacement of Inefficient Fixtures	All new and/or remodeled public facilities at BBR have been fitted and/or retrofitted with low-flow shower heads, faucets, and toilets where practical. Automatic shut-off valves are provided on drinking fountains. Retro –fits kits are available from the Ranch Maintenance for installation in residential services.
10.	Conservation	BBR homeowners are encouraged to utilize native plants which require little water; lawns are discouraged, except for fire safety strip surrounding the home. Fire resistant materials for new construction are encouraged. Routine maintenance of recreational facilities is practiced, i.e. checking daily for leaks, covering of the pools daily, and staff training to identify inefficient equipment that may lead to excessive water use.
11.	Water Reuse	Reclaimed treatment plant waste water is used for irrigation on 70 acres in the Big Meadow area. This reduces the amount of surface water used for irrigation.
12.	Other Measure(s) to Improve Water Use Efficiency	Both of BBR's golf courses irrigation systems are connected to weather stations so that irrigation controllers make climate-based adjustments using evapo-transpiration (ET) calculations.

OAR 690-086-0120(4)(b): Average monthly and daily diversions under each right held by the water supplier for the previous five years.

Diversion of water under each of Black Butte Ranch's wells for the previous five years is detailed below:

The same of the sa			7		, , , , , , , , , , , , , , , , , , , ,							
	20)11	20	012	20	013	2	014	201	5		
Source (See Note 2)	Average Monthly Diversion (MG/month)	Average Daily Diversion (mgd)	Average Monthly Diversion (MG/month)	Average Daily Diversion (mgd)								
Well #1	13.688	0.450	5.063	0.166	4.310	0.142	3.967	0.130	5.882	0.193		
Well #2	7.910	0.260	8.088	0.274	9.814	0.323	8.974	0.295	8.490	0.279		
Well #3 (lakes/irr.)	6.065	0.199	1.428	0.047	7.885	0.259	7.569	0.249	10.554	0.347		
Well #3 (Domestic)	0.009	0.000	0.321	0.011	0.999	0.033	1.220	0.040	0.519	0.017		
Well #4	0.184	0.006	0.091	0.003	0.041	0.001	0.119	0.004	0.075	0.002		
Well #5	Not Constructed		Not Constructed		Not Constructed		Not Constructed		See Note 1			

Well 5 constructed in 2015 near end of high use season. Regular use initiated March 2016.

OAR690-086-0120(4)(c): See next page.

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Note that water production is reported by well and not by right. Black Butte Ranch's ground water rights are served by multiple wells, and the wells overlap on the rights. As such, it is difficult to report by right, and reporting by well provides a more accurate accounting of water diverted.

OAR690-086-0120(4)(c): A description of the results of the annual water audit required under OAR 690-086-0150(4)(a).

	dit Data for ater <i>(2011-2015)</i>	Revenue	Water	Non-Reve	nue Water			
Reporting Period	Water Delivered	Aut	thorized and Acco	unted for Consump	tion	Estimated Unaccounted for Water		
Year	Total Production (MG)	Residential Commercial Accounts Accounts Metered Metered Consumption (MG) (MG)		Well 3 to Lakes/Irrigation Non-Revenue (MG)	Other Accounted for Non-Revenue Flows, Estimated ¹ (MG)	Total Unaccounted for Water (MG)	Percent Unaccounted for	
2011	334.28	68.52	18.25	72.78	52.51	122.23	36.57%	
2012	179.91	77.60	43.36	17.14	24.57	17.24	9.58%	
2013	276.59	78.22	59.43	94.62	8.40	35.91	12.98%	
2014	262.19	83.07	21.05	90.83	39.28	27.96	10.66%	
2015	306.26	105.02	12.63	126.65	14.17	47.80	15.61%	

¹Includes sewer flushing, hydrant flushing, water line repairs, construction water, pool fills, fire suppression water for controlled burns, leaks, etc. BBR Utilities staff estimated by volume (pool, water/fire truck, etc.), duration of flows (line flushing, etc.), or direct meter readings on hydrant meter.

²Utility Services Associates completed a leak detection study on the water distribution system in April of 2015. Three leaks identified and repaired, leak estimates are included for 2015. Leaks likely impacted the system in previous years, but effect is unknown and omitted for years 2011-2014.

OAR 690-086-0120(4)(d): A comparison of quantities of water used in each sector as identified and described in OAR 690-086-0140(6) with the quantities of water used in each sector for the previous five years.

Ground Water Use by Customer Category (2011 - 2015)

Year	Residential Accounts Metered Consumption (MG)	Commercial Accounts Metered Consumption (MG)	Well 3 to Lakes/Irrigation Non-Revenue (MG)	Other Accounted for Non-Revenue Flows (MG)	Total Consumption (MG)
2011	68.52	18.25	72.78	52.51	212.05
2012	77.60	43.36	17.14	24.57	162.67
2013	78.22	59.43	94.62	8.40	240.67
2014	83.07	21.05	90.83	39.28	234.23
2015	105.02	12.63	126.65	14.17	258.46

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Appl. No.	Permit No.	Certificate No.	Transfer No., If any	Priority Date	Source	Type of Use	Allowable Rate and Duty	Observed Maximum Rate	2011-2015 Max. Annual Qty. (calendor year basis) NOTE. Well totals listed, not reported by right.	2011-2015 Average Month	2011-2015 Average Day	Notes
G-9117	G-8501	86709 (CN)	T-11380	2/2/1979		Group Domestic for 155 Families	0.27 CFS	Well 1: 2.00 cfs Well 2: 3.59 cfs Well 5: 5.37 cfs	Well 2: 117.767 MG	Well 1: 32,911 MG Well 2: 43,543 MG Well 4: 0.511 MG		Claim Rec'd 9/16/2016, expected Certificate 2017
5-12711	G-11710	86315 (CN)	1-11381	11/18/1991	Well 2 Well 4 Well 5 in Whychus Creck Basin	Quasi-Municipal	4.8 CFS, being 2.7 CFS from Well 4 and 7.1 CFS from Well 2 4.8 CFS for Well 5	Well 2: 3.59 cfs Well 4: 2.85 cfs Well 5: 5.37 cfs	Well 2: 112.767 MG Well 4: 2.210 MG Well 5: Regular use began March 2016	Well 5: Regulor	Well 2: 0.286 MG Well 4: 0.003 MG Well 5: Regular use began March 2016	Claim Rec'd 9/15/2016, expected Certificate 2017
5-7017	G-17023 (Supercedes Permit G- 6796)	N/A	T-11387	6/25/1975	Well 2 Well 5	Domestic	2.9 CFS	Well 2 3.59 cfs Well 5, 5,37 cfs	Well 2: 117.767 MG Well 5: Regular use began March 2016	Well 2: 43.543 MG Well 5: Regular use began March 2016	Well 2: 0.286 MG Well 5: Regular use began March 2016	Claim Rec'd 9/16/2016, expected Certificate 2017
3-7018	G-6797	86708	-	6/25/1975	Well 1 in Deschutes Basin	Group Domestic	1.8 CFS	Well 1: 2.00 cfs	Well 1 164 261 MG	Well 1: 32.911 MG	Well 1: 0.216 MG	Certificate issued 1/28/2011
G-9119	G-8503	76002	nd.	2/2/2979	Well 3 in Deschutes Basin	trigation of 22.9 acres, Supplemental irrigation of 50.0 acres. Fish Culture, and Group Domestic	2.63 CFS, being 0.91 CFS for Irrigation and Supplemental Irrigation, 1.65 CFS for Group Domestic and 0.07 CFS for Fish Culture	well 3 2.63 cfs	Well 3 lukes/irr: 126 650 MG Well 3 Domestic 14 644 MG	Note Annual Seas Used for lakes/irr: Well 3 lakes/irr: 33.492 MG Well 3 Domestic:	Note: Annual Bask Used for Uservier Well 3 lakes/krr. 0.220 MG Well 3 Domestic:	Certificate issued 2/24/1999
-	-	362 (CN) 51564 Squaw Creek Decree	1-3277	12/31/1886	Point of Diversion, Indian Ford Creek, tributary of Squaw Creek	irrigation of 361.5 acres	7.27 CFS	7.27 ds	1625 AF (at rate of 4.5 AF/Ac/Yr)	238.01.AF Note: 7 month larigation season used a bake	7.93 AF	Certificate Issued 6/7/1983

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5-60029	S-45644	64581		4/14/1980	Phalarope	Recreation and Fish Habitat Enhancement	0.05 CFS, being 0.025 CFS for each use	0.05 cfs	PN/A	N/A	N/A	Certificate issued 8/14/1990
R-60031	R-8253	64682		4/15/1980	Indian Ford Creek and Phalarope Lake Reservoir, a tributary of Squaw Creek	Recreation and Fish Habitat Enhancement	Storage of 20.2 Acre-Feet, being 10.1 Acre- Feet for Recreation and 10.1 Acre-Feet for Fish Habitat Enhancement	N/A - Storage Right	20.2 AF Morage	N/A	N/A	Certificate issued 8/14/1990
R-53360	R-7836	76003		10/9/1978 for 13.4 AF, and 7/25/1979 for 8.8 AF	Squaw Creek, In	Storage of weters appropriated under Permit 44270 for Supplemental Irrigation	Storage of 22.2 AF, being 2.0 AF in Cinnamon Reservoir and 20.2 AF in Phastrope Reservoir, provided that the amount stored in Phastrope Reservoir together with the amount secured under permit R-8253 shall not exceed 20.2 AF	N/A - Storage Right	22.7 AF storage	N/A	N/A	Certificate issued 2/24/1999
5-57980	5-44270	76004	-	10/9/1978 for 13.4 AF, and	Cinnamon and Phalarope Reservoirs Constructed under Permit R: 7836, Tributaries of Indian	Supplemental strigation of 124 5 Acres	Right is limited to 22.2 AF of stored witer only		22.2 AF	N/A	N/A	Certificate issued 2/24/1999
558296	544005	76005	-	2/2/1979	Black Butte Ranch Sewage		0.83 CFS, limited to 1/50 CFS/Ac and 4.5 AF/Ac during irrigation season	0.83 cfs				Certificate issued 2/24/1995

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-	-	76006 Supercedes Cert. 40836 (CN) Squaw Creek Decree	T3483	12/31/1880	Dry Creek (known as Glaze Meadows Fork of Indian Ford Creek), a tributary of Indian Ford Creek	Irrigation of 50 Acres	10 CFS	1.0 ds	1180 AF			Certificate issued 2/24/1999	-
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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:		
Dependent on proposed use (conditional use, site plan review)	DCC 18. 54/10. Resort Commity DCC-18.124. S. Le Plan Percal DCC 18. 128. Cond. Frond Use	☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
		Obtained Denied	☐ Being Pursued ☐ Not Being Pursued	
	RECEIVED	☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
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	OWRD	☐ Obtained ☐ Denied	☐ Being Pursued ☐ 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.

A variety of uses are permitted in is proposed or approved with this regul	the Black Butte Runch Resort Districts. No specific use set. See attached DCC 18.110 for permitted uses.
(sections 18,110,620,040-060)	,
Name: Matthew Martin	Title: & Associate Planner
Signature: MtJnt	Phone: 54/-330-4620 Date: 10/23/19
Government Entity: Deschuses	County

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.

2



Chapter 18.110. RESORT COMMUNITY ZONE

OWRD

18.110.010.	Purpose.
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18.110.020. Seventh Mountain/Widgi Creek and Black Butte Ranch Resort Districts.

18.110.030. Widgi Creek Residential District.

18.110.040. Black Butte Ranch Surface Mining / Limited Use Combining District.

18.110.050 Black Butte Ranch Utility / Limited Use Combining District.

18.110.060. Development Standards.

18.110.010. Purpose.

The purpose of the Resort Community Zone is to provide standards and review procedures for development in the communities of Black Butte Ranch and The Inn of the Seventh Mountain/Widgi Creek. The provisions of this chapter shall apply to any Resort Community that is planned pursuant to OAR 660 Division 22. (Ord. 2001-048 §2, 2001)

18.110.020. Seventh Mountain/Widgi Creek and Black Butte Ranch Resort Districts.

- A. Uses permitted outright. The following uses and their accessory uses are permitted subject to the applicable provisions of DCC 18.110.050:
 - 1. Single-family dwelling.
 - 2. Residential home.
 - 3. Residential facility.
 - 4. Timeshare units existing as of January 1, 1984 at Black Butte Ranch.
 - 5. Timeshare units at the Inn of the Seventh Mountain.
 - 6. The following resort recreational facilities: Recreational path, picnic and barbecue area, park, playground, and sport courts for basketball, volleyball, and similar small-scale recreation activities.
 - 7. Livestock and horse grazing on common area in Black Butte Ranch.
 - 8. Police or security facility.
- B. Uses permitted subject to site plan review. The following uses and their accessory uses are permitted subject to applicable provisions of DCC 18.110 and DCC 18.116, Supplementary Provisions, and DCC 18.124, Site Plan Review:
 - 1. Resort facility, as that term is defined in DCC Title 18.
 - 2. Resort recreation facilities, as that term is defined in DCC Title 18, except those uses listed in DCC 18.110.020(A)(6).
 - 3. Resort utility facilities, as that term is defined in DCC Title 18.
 - 4. Property sales and rental office.
 - 5. Hotel or motel.
 - 6. Daycare facility.
 - 7. Fire station.
 - 8. Post office.
 - 9. Multiple-family dwellings.
 - 10. Employee housing.
- C. Conditional uses permitted. The following uses and their accessory uses are permitted subject to the applicable provisions of DCC 18.110 and DCC 18.116, Supplementary Provisions, DCC 18.124, Site Plan Review, and DCC 18.128, Conditional Use:
 - 1. Church.
 - 2. Wireless telecommunications facility.

(Ord. 2014-025 §1, 2014; Ord. 2014-009 §1, 2014; Ord. 2001-048 §2, 2001)

18.110.030. Widgi Creek Residential District.

The following uses and their accessory uses are permitted subject to the applicable provisions of DCC 18.110.060:

- A. Single-family dwelling.
- B. Residential home.
- C. Residential facility.
- D. Timeshare units.

(Ord. 2001-048 §2, 2001)

18.110.040. Black Butte Ranch Surface Mining / Limited Use Combining District.

- A. Outright Permitted Uses. The following uses are allowed outright:
 - 1. Mining, processing and storage of aggregate within the 8.6-acre area which has a valid Oregon Department of Geology and Mineral Industries (DOGAMI) exemption.
 - 2. Outdoor equipment storage.
 - 3. Effluent/sludge storage and disposal.
 - 4. Composting activities.
 - 5. Forest uses including woody debris disposal.
- B. Site Plan. The following use is permitted subject to DCC 18.52:
 - 1. Mining, processing and storage of aggregate once mining affects more than five acres outside the 8.6-acre area with a valid DOGAMI exemption.
- C. Uses Permitted Subject to Site Plan Review. The following uses are permitted in an area reclaimed after mining, subject to DCC 18.124:
 - 1. Solid waste transfer station.
 - 2. Equipment repair shop or other maintenance facilities.

(Ord. 2001-048 §2, 2001)

18.110.050. Black Butte Ranch-Utility /Limited Use Combining District.

- A. Uses Permitted Outright. The following uses are permitted outright:
 - 1. Outdoor or enclosed storage, large equipment or general.
 - 2. Effluent/sludge storage and disposal.
 - 3. Composting activities.
 - 4. Forest uses including woody debris disposal.
 - 5. Recreational vehicle or other outdoor equipment storage for resort property owners or visitors.
- B. Uses Permitted Subject to Site Plan. The following uses are permitted west of McCallister Road, subject to DCC 18.124:
 - 1. Telephone communications facility or other utility uses, also subject to DCC 18.128 if applicable.
 - 2. Equipment repair shop or other maintenance facilities.
 - 3. Housekeeping facility.
 - 4. Employee housing, subject to a minimum 250' setback from the surface mining limited use combining district and DCC 18.56.
 - 5. Administration offices.

(Ord. 2001-048 §2, 2001)

18.110.060. Development Standards.

- A. Setbacks.
 - 1. Single-Family Dwelling. The following setbacks shall be maintained for single-family dwellings and accessory uses on residential parcels:





(02/2018)



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- a. Front Yard. The front yard shall be a minimum of 20 feet at Black Butte Ranch and The Inn of the Seventh Mountain, and 30 feet at Widgi Creek.
- b. Side Yard. The side yard shall be a minimum of 10 feet, except on the street side of a corner lot the side yard shall be a minimum of 20 feet.
- c. Rear Yard. The rear yard shall be a minimum of 20 feet.
- d. In Black Butte Ranch a lesser setback shall be approved based on written approval from the Black Butte Ranch Architectural Review Committee (ARC) or its successor. The granting of a lesser setback based on documented ARC approval does not constitute a land use decision by the County.
- 2. All Other Uses. The following setbacks shall be maintained for buildings and structures used for purposes other than a single-family dwelling and residential accessory uses, unless a greater setback is required pursuant to site plan review or other applicable provisions of DCC Title 18:
 - a. Front Yard. The front yard shall be a minimum of 10 feet.
 - b. Side Yard. Zero feet except that, when a side lot line is adjoining a lot used for single-family residential purposes, the side yard shall be a minimum of 10 feet and shall be increased by one-half foot for each foot by which the building height exceeds 20 feet.
 - c. Rear Yard. Zero feet except that, when a rear lot line is adjoining a lot used for residential purposes, the rear yard shall be a minimum of 10 feet and shall be increased by one-half foot for each foot by which the building height exceeds 20 feet.
 - d. Perimeter Setback. All uses in the Black Butte Ranch Surface Mining or Utility Limited Use Combining Districts shall maintain a minimum setback of 50 feet from a perimeter boundary adjacent to land zoned for forest uses.
 - e. Forest Zone Setback. New uses adjacent to land zoned Forest shall have a minimum setback of 20 feet from the Forest zone boundary.
- B. Other Setbacks. The following setbacks shall be maintained for buildings and structures, based on the applicable provision(s) of DCC Title 18:
 - 1. Solar Setback. The setback from the north lot line shall meet the solar access setback requirements in DCC 18.116.180 for south roof protection.
 - 2. Waterway Setback. All structures, buildings or similar permanent fixtures shall be set back from the ordinary high water mark along all streams and lakes a minimum of 100 feet measured at right angles to the ordinary high water mark.
 - Building Code Setbacks. In addition to the setbacks set forth herein, any greater setbacks required
 by applicable building or structural codes adopted by the State of Oregon and/or Deschutes County
 under DCC 15.04 shall be met.
 - 4. Rimrock Setbacks. Setbacks from rimrocks shall be maintained as provided in DCC 18.84 or DCC 18.116.160, whichever is applicable.
 - 5. Scenic Waterway. The applicable provisions in DCC 18.84 shall be met.
 - 6. Floodplain. The applicable provisions in DCC 18.96 shall be met.
- C. Building Height.
 - Resort Facility and Resort Utility Building. No resort facility or resort utility building or structure shall be erected or enlarged to exceed 40 feet, or 30 feet when the provisions in DCC 18.84.080 are applicable, unless a variance for a greater height is approved. For the purposes of DCC 18.110.060(C)(1) an application for a height variance may be granted provided the Planning Director or Hearings Body makes only the following findings:
 - a. The proposed height does not exceed the height limitation of the appropriate fire agency's (either Black Butte Ranch Rural Protection Fire District or City of Bend Fire Department) fire fighting equipment, considering the evacuation of the building's occupants and the fire fighting requirements of the agency; and
 - b. The proposed additional height will not adversely impact scenic views from adjoining residences or adjoining residential building sites.

- c. Approval of a height variance in a state scenic waterway shall be conditioned upon receipt of approval from the Oregon Parks and Recreation Department.
- 2. All Other Buildings. No building or structure used for purposes other than a resort facility or resort utility, including a single-family dwelling, shall be erected or enlarged to exceed 30 feet in height, except as provided by DCC 18.120.040.
- 3. Scenic Waterway. The applicable provisions in DCC 18.84 shall be met.

D. Lot Coverage.

- 1. Single-family dwelling. The maximum lot coverage by a single-family dwelling and accessory structures shall be 40 percent of the total lot. In Black Butte Ranch a greater lot coverage shall be approved based on documentation of written approval from the Black Butte Ranch Architectural Review Committee (ARC) or its successor. The granting of greater lot coverage based on documented ARC approval does not constitute a land use decision by the County.
- All Other Buildings. The maximum lot coverage by buildings and structures used for purposes other than a single-family dwelling shall be determined by the spatial requirements for yard setbacks, landscaping, parking and utilities.
- E. Off-Street Parking and Loading.
 - 1. Single-Family Dwelling. Off-street parking shall be provided for a minimum of two motor vehicles per dwelling.
 - 2. All Other Uses. Off-street parking and loading shall be provided subject to the requirements of DCC 18.116.
- F. Outdoor Lighting All outdoor lighting shall be installed in conformance with DCC 15.10.
- G. Excavation, Grading and Fill and Removal. Excavation, grading and fill and removal within the bed and banks of a stream or lake, or in a wetland shall be subject to DCC 18.128.040(W), unless the activity meets the exception provisions in DCC 18.120.050.
- H. Signs. All signs shall be constructed in accordance with the provisions of DCC 15.08.
- I. Lot Requirements.
 - 1. Single-Family Dwelling. A new lot for a single-family dwelling served by a community or public sewerage system shall have a minimum area of 6,000 square feet and a minimum average width of 60 feet, except that a corner lot shall have a minimum average width of 70 feet. A new lot for a single-family dwelling served by an on-site septic system shall have a minimum area of 22,000 square feet and a minimum average width of 100 feet. Any new residential lot shall have a minimum width at the street of 50 feet, except for a lot on a cul-de-sac, in which case the minimum width shall be 30 feet.
 - 2. All Other Uses. Every lot created for purposes other than residential use shall have dimensions for lot area, width and depth necessary for yard setbacks, landscaping, parking and utilities for the proposed use.

- (Ord. 2001-048 §2, 2001)
 Land Divisions.

 1. General. Notwiths
 County Code, roa 1. General. Notwithstanding any provision to the contrary contained herein or in other parts of the County Code, roads within the Resort Community Zone may be private roads and new lots or parcels may be created that have access from, and frontage on, private roads only. These roads must meet the private road standards of DCC Title 17, and are not subject to public road standards of DCC Title 17. An agreement acceptable to the County Road Department and County Legal Counsel shall be required for the maintenance of new private roads.
 - 2. Zero Lot Line Subdivision. Notwith-standing any provision to the contrary contained herein, zero lot line subdivisions for single-family residences shall be allowed in the Resort Community Zone in accordance with the provisions of DCC Chapter 17.20. Zero lot line subdivisions are not subject to the setback provisions of 18.110.060(A), solar setback standards of 18.110.060(B)(1), lot coverage provisions of 18.110.060(D) or lot requirements of 18.110.060(I)(1).

(Ord 2005-041 §2, 2005; Ord. 2001-048 §2, 2001)

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

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NOTE TO APPLICANTS

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In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; OR
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and <u>all</u> of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

247-19-000735-PS

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): Black Butte Ranch Corporation & Black Butte Ranch Association

Mailing Address: PO Box 8000

City: Black Butte Ranch State: OR Zip Code: 97759 Daytime Phone: 541-595-1280

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.

proposed s	oposed service-area boundaries for the tax-for information requested below.											
Township	Range	Section	1/4 1/4	Tax Lot#	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:			
<u>14S</u>	<u>09E</u>	<u>09</u>	SWSW	140909C 012303	BBRR, BBRSM, BBRU	☑ Diverted	Conveyed	Used	Resort Community			
<u>14S</u>	<u>09E</u>	<u>16</u>	SENE	140916A 004800	BBRR, BBRSM, BBRU	☑ Diverted	Conveyed	Used	Reort Community			
<u>14S</u>	<u>09E</u>	22	NWNW	140922B 000099	BBRR, BBRSM, BBRU	☑ Diverted	Conveyed	Used	Resort Community			
<u>14S</u>	<u>09E</u>	See	Maps	Multiple	BBRR, BBRSM, BBRU	Diverted	Conveyed	☑ Used	Resort Community			

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed: Black Butte Ranch, Deschutes County RECEIVED OCT **0 5** 2020 OWRD B. Description of Proposed Use Type of application to be filed with the Water Resources Department: Permit to Use or Store Water 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: 12.4 cubic feet per second gallons per minute acre-feet Domestic for household(s) Intended use of water:

Irrigation Commercial Industrial Quasi-Municipal Instream Municipal Municipal Other Briefly describe: Applicant is submitting water right transfer applications for Certificates: 92269, 92270, 92271, 86708, and 76002. The purpose of the water rights transfer is to change the type of use for the existing water rights at Black Butte Ranch to Quasi-Municipal and include the entire resort service area as the place of use. The other purpose of the transfer is to add all wells, 1-5, as additional points of appropriation to each of the existing water rights. The 12.4 cfs listed above for "Estimated quantity of water needed" is a combination of the five existing water rights. The individual amounts for each right is listed on the attached maps.



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. \rightarrow

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