



State of Oregon
 Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900

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.

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

- Part 1 – Completed Minimum Requirements Checklist.
- 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.
- Part 4 – Completed Applicant Information and Signature.
- 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)

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Attachments:

- Completed Transfer Application Map.
- 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.
- 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.

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(For Staff Use Only)

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

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Part _____ is incomplete
<input type="checkbox"/> Additional signature(s) required	
Other/Explanation _____	
Staff: _____ 503-986-0 _____	Date: ____ / ____ / ____

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

Please be sure that the transfer application map you submit includes all the required items and matches the existing water right map. Check all boxes that apply.

- 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.
- N/A If **more than three** water rights are involved, separate maps are needed for each water right.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the 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 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water 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.
- 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.
- 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.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME Black Butte Ranch Corporation & Black Butte Ranch Association, Note: Black Butte Ranch Corporation was formerly known as Black Butte Property Management Corporation			PHONE NO. (541) 595-1280	ADDITIONAL CONTACT NO.
ADDRESS PO Box 8000			FAX NO. (541) 595-2617	
CITY Black Butte Ranch	STATE OR	ZIP 97759	E-MAIL 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.				

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

AGENT/BUSINESS NAME Niall Boggs, PE, CWRE / Parametrix			PHONE NO. (541) 550-7694	ADDITIONAL CONTACT NO. (541) 508-7710
ADDRESS 150 NW Pacific Park Lane			FAX NO.	
CITY Bend	STATE OR	ZIP 97701	E-MAIL 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 you 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**
- 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).

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



[Signature]
Applicant signature

SWEN PETERSON
Print Name (and Title if applicable)

Date 9/18/2020

[Signature]
Applicant signature

Niall Boggs, PE, CWEE
Print Name (and Title if applicable)

Date 9/18/2020

Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located? Yes No *If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.*

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Check the following boxes that apply:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- 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 transfer application in the process of being sold? Yes No

If YES, and you know who the new landowner will be, please complete the receiving landowner information table below. If you do not know who the new landowner will be, then a request for assignment will have to be filed for at a later date.

If a property sells, the certificated water right(s) located on the land belong to the new owner, unless a sale agreement or other document states otherwise. For more information see:

<http://www.oregon.gov/owrd/docs/transfer-propertytransactions.pdf>

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RECEIVING LANDOWNER NAME N/A		PHONE NO. N/A	ADDITIONAL CONTACT NO. N/A
ADDRESS N/A		FAX NO. N/A	
CITY N/A	STATE N/A	ZIP N/A	E-MAIL N/A

Describe any special ownership circumstances here: **These rights are currently group domestic or quasi-municipal. There are hundreds of lots, all owned by individual lot owners. Changing all rights 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. We inquired with OWRD in October of 2019 about obtaining ownership reports for all the parcels being affected by this transfer application. See attached email correspondence with Arla Davis. The Department indicated that Black Butte Ranch was considered a municipality and that as long as Black Butte Ranch is the water purveyor for all the affected tax lots /users, a report of ownership is not required.**

Check here if any of the water rights proposed for transfer are or will be located within or served by an irrigation or other water district. (Tip: Complete and attach Supplemental Form D.)

IRRIGATION DISTRICT NAME N/A	ADDRESS N/A	
CITY N/A	STATE N/A	ZIP N/A

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

ENTITY NAME N/A	ADDRESS N/A	
CITY N/A	STATE N/A	ZIP N/A



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

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

Part 5 of 5 – Water Right Information

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.

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Description of Water Delivery System

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

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-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized	DESC 1800, DESC 914	14	S	9	E	16	SE	NE	14 09 16 A0	1530 FEET SOUTH AND 1236 FEET WEST

	<input checked="" type="checkbox"/> Proposed										04800	FROM NE CORNER
Well 3	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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):

- | | |
|---|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input checked="" type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water
POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

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

AUTHORIZED (the “from” or “off” lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see “CODES” from previous page)	PROPOSED (the “to” or “on” lands) The listing as it would appear AFTER PROPOSED CHANGES are made.												
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	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	Service Area of Black Butte Ranch					Multiple	N/A	N/A	Quasi-Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	02/02/1979		
TOTAL ACRES:										TOTAL ACRES:						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, 86708, 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.

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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

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

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department’s web page at:

http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
SEE ATTACHED WELL LOGS										

Part 5 of 5 – Water Right Information

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

System capacity: 1.8 cubic feet per second (cfs) OR
_____ 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
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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.

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"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-___)	Twp	Rng	Sec	¼ ¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input checked="" type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

- 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.
- No Complete all of Table 2 to describe the portion 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 # 86708

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

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	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	Service Area of Black Butte Ranch					Multiple	N/A	N/A	Quasi- Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	07/25/1979	
TOTAL ACRES:											TOTAL ACRES: 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? Yes 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 # N/A;
Surface water primary Certificate # N/A.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

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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). If less than 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

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

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-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input checked="" type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

- 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.
- No Complete all of Table 2 to describe the portion 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 # 92269

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

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	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	Service Area of Black Butte Ranch					Multiple	N/A	N/A	Quasi- Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	02/02/1979	
TOTAL ACRES:							TOTAL ACRES:										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? 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:
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

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

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department’s web page at:

http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
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 # 92270

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Description of Water Delivery System

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

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-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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):

- | | |
|--|--|
| <input type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

- 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.
- No Complete all of Table 2 to describe the portion 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 # 92270

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

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.											Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.										
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Twp		Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date		
										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	"
										POU*	14	S	9	E	5	SW	SE	14 09 00 00		"	Wells 1, 2, 3, 4, & 5	"
									14		S	9	E	5	SE	SE	00202		"	"		
TOTAL ACRES:							TOTAL ACRES:										N/A					

Additional remarks: ***Note that the mapping for Certificate 92270 includes S¹/₂ of SE ¼ 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 S¹/₂ of SE ¼ 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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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, 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;
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

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

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department’s web page at:

http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
SEE ATTACHED WELL LOGS										

Part 5 of 5 – Water Right Information

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

Description of Water Delivery System

System capacity: 2.9 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
- 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-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> 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):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input checked="" type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

- 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.
- No Complete all of Table 2 to describe the portion 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 ¼ ¼. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.												
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	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	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	Service Area of Black Butte Ranch					Multiple		N/A	Quasi-Municipal	Well 1 Well 2 Well 3 Well 4 Well 5	06/25/1975		
TOTAL ACRES:										TOTAL ACRES:						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? Yes 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.

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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

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

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department’s web page at:
http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
SEE ATTACHED WELL LOGS										

Application for Water Right Transfer

Evidence of Use Affidavit



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

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 Oregon)
) ss
 County of DESCHUTES)

I, NIALL BOGGS, in my capacity as CWRE,
 mailing address 150 NW PACIFIC PARK LN, SUITE 110, BEND, OR 97701
 telephone number (541)550-7694, being first duly sworn depose and say:

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 OWRD

1. My knowledge of the exercise or status of the water right is based on (check one):

- Personal observation Professional expertise

2. I attest that:

Water was used during the previous five years on the **entire** place of use for Certificate # 76002; **OR**

My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # ____ 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 right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # ____ (For Historic POD/POA Transfers)

(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)

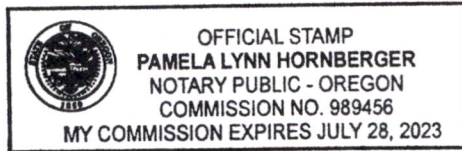
4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

WJH BJS
 Signature of Affiant

9.21.2020
 Date

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 OCT 05 2020

Signed and sworn to (or affirmed) before me this 21st day of September, 2020.



Pamela L. Hornberger
 Notary Public for Oregon
 My Commission Expires: 7/28/23

OWRD

Supporting Documents	Examples
<input type="checkbox"/> 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
<input type="checkbox"/> Copies of receipts from sales of irrigated crops or for expenditures related to use of water	<ul style="list-style-type: none"> • Power usage records for pumps associated with irrigation use • Fertilizer or seed bills related to irrigated crops • Farmers Co-op sales receipt
<input type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> • 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
<input checked="" type="checkbox"/> Aerial photos containing sufficient detail to establish location and date of photograph	<p>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.</p> <p>Sources for aerial photos: OSU – www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terra-server.com</p>
<input type="checkbox"/> 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



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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State of Oregon)
) ss
 County of DESCHUTES)

RECEIVED
 OCT 05 2020
 OWRD

I, NIALL BOGGS, in my capacity as CWRE,
 mailing address 150 NW PACIFIC PARK LN, SUITE 110, BEND, OR 97701
 telephone number (541)550-7694, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):

- Personal observation Professional expertise

2. I attest that:

- Water was used during the previous five years on the **entire** place of use for Certificate # 86708; **OR**
- My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # _____ 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 right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # _____ (For Historic POD/POA Transfers)

(continues on reverse side)

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

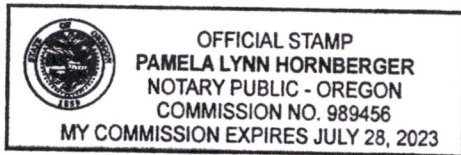
4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

Will Bly
Signature of Affiant

9-21-2020
Date

RECEIVED
OCT 05 2020

Signed and sworn to (or affirmed) before me this 21 day of September 2020.



Pamela Lynn Hornberger
Notary Public for Oregon

My Commission Expires: 7/28/23

Supporting Documents	Examples
<input type="checkbox"/> 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
<input type="checkbox"/> Copies of receipts from sales of irrigated crops or for expenditures related to use of water	<ul style="list-style-type: none"> • Power usage records for pumps associated with irrigation use • Fertilizer or seed bills related to irrigated crops • Farmers Co-op sales receipt
<input type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> • 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
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<input type="checkbox"/> 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



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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 Oregon)
) ss
 County of DESCHUTES)

RECEIVED
 OCT 05 2020
 OWRD

I, NIAL BOGGS, in my capacity as CWRE,
 mailing address 150 NW PACIFIC PARK LN, SUITE 110, BEND, OR 97701
 telephone number (541)550-7694, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):
- Personal observation Professional expertise

2. I attest that:

- Water was used during the previous five years on the **entire** place of use for Certificate # ____; **OR**
- My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township		Range		Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

- OR**
- 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**
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(continues on reverse side)

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- My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # 92270 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**
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(continues on reverse side)

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

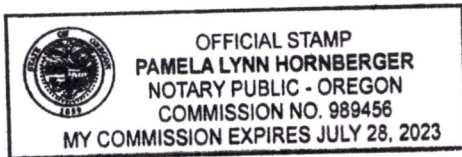
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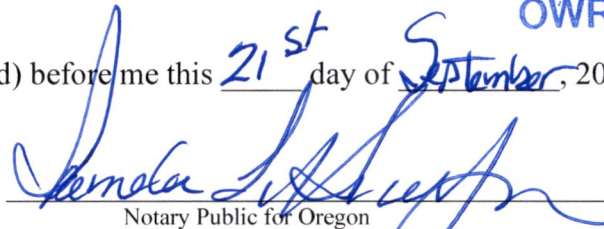
Signature of Affiant 

9.21.2020
Date

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OCT 05 2020

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Notary Public for Oregon

My Commission Expires: 7/28/23

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- My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township		Range		Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- 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 not leased instream.); **OR**
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(continues on reverse 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.

[Signature]
Signature of Affiant

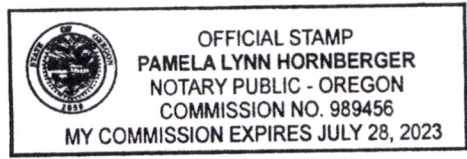
9.21.2020
Date

RECEIVED
OCT 05 2020

Signed and sworn to (or affirmed) before me this 21st day of September, 2020.

[Signature]
Notary Public for Oregon

OWRD



My Commission Expires: 7/28/23

Supporting Documents	Examples
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<input type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> • 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
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<input type="checkbox"/> 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

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OCT 05 2020

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Hi Niall,

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



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OCT 05 2020

OWRD

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



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

WATER RESOURCES DEPT. WATER RESOURCES DEPT.
 SALEM, OREGON

State Well # 145/9E9C

(START CARD) # 9609

DESU
 1805

061041303... 145/9E/9C

(1) OWNER:
 Well Number: 1
 Name Black Butte Ranch Inc
 Address P.O. Box 800
 City Black Butte Ranch State Ore Zip 97759

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) ~~INTENDED USE:~~
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well _____ ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	

How was seal placed: Method A B C D E
 Other
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
 Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____
 1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Deschutes Latitude _____ Longitude _____
 Township 14 N-S, Range 9 E-W, WM.
 Section 9-C 1/4 _____ 1/4 _____
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
24 ft. below land surface. Date 6-20-89
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWI

(12) WELL LOG: Ground elevation _____

Material	From	To	SWI
Water entering perforations and cascading down well. Estimated at 600 GPM.			
T.V. Camera showed water entering fissure below liner @ 82' crevice 2" wide x 8 feet long. Small amount flowing through bottom of well.			
Well base below liner filled with "Wyo-Ben" hole plug 80-93'			
Well sealed with cement grout pumped 80-78'			
Well now producing 650 GPM with 2' O.D.			

Date started 6-20-89 Completed 6-30-89

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

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above work performed during this time is in compliance with Oregon construction standards. This report is true to the best of my knowledge and belief.
 Signed John Johnson WWC Number 595
 Date 7-14-89

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

RECEIVED
1800
RECEIVED
30420 1973 STATE OF OREGON
STATE ENGINEER (use type or print)
SALEM, OREGON (Do not write above this line)

STATE ENGINEER, SALEM, OREGON
within 30 days from the date of well completion.

State Well No. 14819E-16
State Permit No. G-8501

(1) OWNER:

Name BOOKS RESOURCE
Address 447 E GREENWOOD BEND, ORE. 97701

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
16" Diam. from 12 ft. to 287 ft. Gage 312
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used TORCK
Size of perforations 3/16 in. by 6 in.
540 perforations from 245 ft. to 286 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? CORNELL
1: 620 gal./min. with 15 ft. drawdown after 1 hrs.
" 620 " 15 " 4 "
" 805 " 17 " 48 "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 42° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT GROUT
Well sealed from land surface to 150 ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 530 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County DeWitt Driller's well number
SE 1/4 NE 1/4 Section 16 T. 145 R. 9 E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 260 ft
Static level 245 ft. below land surface. Date 2/28/73
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled 287 ft. Depth of completed well 287 ft

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

MATERIAL	From	To	SWL
TOP SOIL BLACK	0	2	
CLAY & GRAVEL BROWN	2	12	
LAVA GREY MED	12	22	
CLAY BROWN & LAVA BROKEN	22	99	
BASALT GREY HARD	99	112	
CLAY & BASALT BROWN BROKEN	112	138	
BASALT GREY HARD	138	159	
CINDERS RED BASALT BROKEN	159	178	
BASALT GREY HARD	178	219	
CLAY BROWN BASALT BROKEN	219	249	
BASALT GREY HARD	249	260	
CINDERSTONE RED & MULTI-			
COLOR CD GRAVEL	260	282	
BASALT BROWN HARD	282	287	

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Work started 11/25 1972 Completed 2/22 1973

Date well drilling machine moved off of well 2/23 1973

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Don Shanker Date 2/28, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 348

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.

Name CYR. DRILLING CO (Type or print)
(Person, firm or corporation)

Address 1275 Madison Hwy PRINEVILLE
97754

[Signed] Don Shanker (Water Well Contractor)

Contractor's License No. 540 Date 2/28, 1973

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

Desch
 9719

14S/9E/9W
 65263

Page 1 of 2

(START CARD) # 65263

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 4
 Name Black Butte Ranch
 Address PO Box 8000
 City Black Butte Ranch State OR Zip 97759

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

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

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 420 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
20	0	420	cement	0	100	45 bags
			pea gravel	100	304	7 yards
			cement	304	345	35
	345	350	Bentonite			

How was seal placed: Method A B C D E
 Other

Backfill placed from 100 ft. to 350 ft. Material cement/pea gravel
 Gravel placed from 420 ft. to 350 ft. Size of gravel 8-12

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 16	+1	367	.365	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	1	367	.365	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: 12"	363	367	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	417	420	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
367	417	60		12	SS/304		<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
50	0		1 hr.

Pump Bailer Air Flowing Artesian

Temperature of water 51° Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Deschutes Latitude _____ Longitude _____
 Township 14S N or S Range 9E E or W. WM. _____
 Section 9 NW 1/4 NW 1/4 _____
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) Hawks Beard

(10) STATIC WATER LEVEL:
304 ft. below land surface. Date 1-16-95
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 359

From	To	Estimated Flow Rate	SWL
359	420	1,000 GPM	304

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
pumice sand & broken rock	0	8	
broken lava	8	9	
pumice sand & broken rock	9	13	
lava grey hard with broken seams	13	35	
lava gray & red with broken seams	35	46	
lava gravel medium well rounded	46	82	
lava gray hard	82	105	
andosite gray very hard	105	136	
lava reddish gray weathered slightly vasicular med. hard with broken seams	136	178	
lava reddish gray w/ andosite	178	188	
lava reddish gray weathered	188	200	
lava red broken with cinders loose	200	238	
andosite basalt gray hard	238	285	

Date started 10-22-94 Completed 1-16-95

(unbonded) Water Well Constructor Certification:
 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 and belief.
 Signed [Signature] WWC Number 1523 Date 1/23/95

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, 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.
 Signed [Signature] WWC Number 1358 Date 1/23/95

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

Desc
9719

145/9E/966

Page 2 of 2

(START CARD) #

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 4
Name Black Butte Ranch
Address PO Box 8000
City Black Butte Ranch State OR Zip 97759

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

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

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well _____ ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method A B C D E
 Other

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

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WATER RESOURCES DEPT.
SALEM, OREGON

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
andosite basalt grey with some red hard	285	290	
andosite basalt gray with more red hard	290	302	
lava red vasicular with some cinders fractured	302	322	
andosite basalt gray with trace of red hard	322	359	
lava red cinders loose	359	380	
basalt gray med	380	396	
lava gravel red vasicular	396	420	

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Date started 10-22-94 Completed 1-16-95

(unbonded) Water Well Constructor Certification:
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 and belief.
Signed _____ WWC Number 1523
Date 1/23/95

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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.
Signed Byron B. Stapp WWC Number 1358
Date 1/23/95

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

DESC 60190

2/23/2015

WELL I.D. LABEL# L112240
START CARD # 1025324
ORIGINAL LOG # DESCHUTES 59906

(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company BLACK BUTTE RANCH UTILITIES
Address P.O. BOX 8000
City SISTERS State OR Zip 97759

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

(2a) PRE-ALTERATION
Casing: Dia + From To Gauge Stl Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal:

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

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

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 362.00 ft.
BORE HOLE
Dia From To Material SEAL To Amt sacks/lbs

How was seal placed: Method A B C D E
Other
Backfill placed from 302 ft. to 305 ft. Material BENTONITE PELLE
Filter pack from 303 ft. to 359 ft. Material GRAVEL Size pea gravel
Explosives used: Yes Type Amount

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

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Wire wrap Material Type 304 Stainless
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/
Screen Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

(9) LOCATION OF WELL (legal description)
County DESCHUTES Twp 14.00 S N/S Range 9.00 E E/W WM
Sec 16 SE 1/4 of the NE 1/4 Tax Lot 4800
Tax Map Number Lot
Lat " or 44.35970500 DMS or DD
Long " or -121.66037100 DMS or DD
Street address of well Nearest address
16511 HAWKS BEARD, SISTERS, OR 97759

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 1/5/2015 254
Completed Well 2/17/2015 254
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
Depth water was first found 265.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
1/19/2015 265 275 500 254
2/20/2015 313 362 2000 254

(11) WELL LOG
Ground Elevation 3383.00
Material From To
Fine Silt and Forest Debris 0 3
Gravels and Sandy Loam 3 13
Hard Gray Basalt 13 25
Broken Brown & Gray Basalt 25 78
Gray Basalt 78 90
Brown Broken Basalt 90 100
Hard Gray Basalt 100 120
Red & Brown Volcanics 120 145
Fractured Gray Basalt 145 165
Red & Brown Volcanics & Basalt 165 195
Hard Gray Basalt 195 250
Brown Sandstone 250 275
Medium Gray Basalt 275 300
Hard Gray Basalt 300 313
Cinders & Broken Basalt 313 325
Finer Sandy Gravel & Volcanics 325 332
Volcanic Interbeds with Sand 332 359
Fractured Gray Basalt 359 362

Date Started 1/5/2015 Completed 2/17/2015

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

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1385 Date 2/23/2015
Signed ROBERT BUCKNER (E-filed)
Contact Info (optional) Robert Buckner 541-408-5548

GEOTECHNICAL HOLE REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

DESC 60190

2/23/2015

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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 14 S 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



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

DESC 59906

WELL I.D. LABEL# L 112240 START CARD # 1022052

2/13/2014

Note ALL LOG # gillisbm

This well report was originally e-filed to the Dept, the original e-filed well log is attached.

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OWRD

(1) LAND OWNER: BLACK BUTTE RANCH, Owner Well I.D., First Name, Last Name, Company, Address, City, State, Zip

(2) TYPE OF WORK: [X] New Well, [] Deepening, [] Conversion, [] Alteration, [] Abandonment

(2a) PRE-ALTERATION: Casing, Seal, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd

(3) DRILL METHOD: [X] Rotary Air, [] Rotary Mud, [] Cable, [] Auger, [] Cable Mud, [] Reverse Rotary, [] Other

(4) PROPOSED USE: [] Domestic, [] Irrigation, [] Community, [] Industrial/ Commercial, [] Livestock, [] Dewatering, [] Thermal, [] Injection, [X] Other TEST HOLE

(5) BORE HOLE CONSTRUCTION: Special Standard, Depth of Completed Well 325.00 ft

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, lbs

How was seal placed: Method [] A [] B [] C [] D [] E, [X] Other POURED DRY, Backfill placed from ft to ft, Material, Filter pack from ft to ft, Material, Size, Explosives used: [] Yes, Type, Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE: Proposed Amount, Actual Amount

(6) CASING/LINER: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd, Shoe, Inside, Outside, Other, Location of shoe(s), Temp casing, Yes, Dia, From, To

(7) PERFORATIONS/SCREENS: Perforations Method, Screens Type, Material, Perf/ Casing/ Screen, Screen Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tel/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour, Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr)

Table with columns: Temperature, Water quality concerns, From, To, Description, Amount, Units

(9) LOCATION: County, Sec, Tax Map Number, Lat, Long, Street address of well

(10) STATIC WATER LEVEL: Existing Well / Pre-Alteration, Completed Well, Date, SWL(psi), SWL(ft), Flowing Artesian?, Dry Hole?

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft)

(11) WELL LOG: Material, From, To

Date Started 1/27/2014, 2/28/2014

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards.

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above.

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
NW 1/4 NE 1/4	4.2 ACRES
NE 1/4 NW 1/4	3.5 ACRES
SE 1/4 NW 1/4	4.3 ACRES
NE 1/4 SW 1/4	2.1 ACRES
NE 1/4 SE 1/4	0.9 ACRE
NW 1/4 SE 1/4	4.3 ACRES

SECTION 21

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

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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 1/2 N 1/2
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 1/2 N 1/2
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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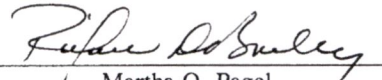
OCT 05 2020

OWRD

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.


Martha O. Pagel

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OWRD

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		
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	NW NW		
14 S	9 E	WM	9	SW NW		
14 S	9 E	WM	9	SE NW		
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.

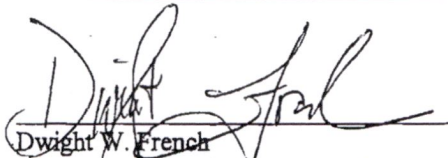
Twp	Rng	Mer	Sec	Q-Q	GLot	DLC
14 S	9 E	WM	10	NW NE		
14 S	9 E	WM	10	SW NE		
14 S	9 E	WM	10	NW NW		
14 S	9 E	WM	10	SE NW		
14 S	9 E	WM	10	NE SW		
14 S	9 E	WM	10	NW SW		
14 S	9 E	WM	10	SW SW		
14 S	9 E	WM	15	NE NW		
14 S	9 E	WM	15	NW NW		
14 S	9 E	WM	15	SW NW		
14 S	9 E	WM	15	SE NW		
14 S	9 E	WM	15	NE SW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

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 _____.



Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

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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	NE NW
14 S	9 E	WM	9	NW NW
14 S	9 E	WM	9	SW NW
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	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

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	NW NW
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 06 2017

Issued _____



Dwight French
 Water Right Services Division Administrator, for
 Thomas M. Byler, Director
 Oregon Water Resources Department

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STATE OF OREGON
 COUNTY OF DESCHUTES
 CERTIFICATE OF WATER RIGHT

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 OCT 05 2020
 OWRD

THIS CERTIFICATE ISSUED TO

BLACK BUTTE RANCH CORPORATION AND 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-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	Twp	Rng	Mer	Sec	Q-Q
14 S	9 E	WM	9	NE NE	14 S	9 E	WM	9	NW SW
14 S	9 E	WM	9	NW NE	14 S	9 E	WM	9	SW SW
14 S	9 E	WM	9	SW NE	14 S	9 E	WM	9	SE SW
14 S	9 E	WM	9	SE NE	14 S	9 E	WM	9	NE SE
14 S	9 E	WM	9	NE NW	14 S	9 E	WM	9	NW SE
14 S	9 E	WM	9	NW NW	14 S	9 E	WM	9	SW SE
14 S	9 E	WM	9	SW NW	14 S	9 E	WM	9	SE SE
14 S	9 E	WM	9	SE NW	14 S	9 E	WM	10	NW NE
14 S	9 E	WM	9	NE SW	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).

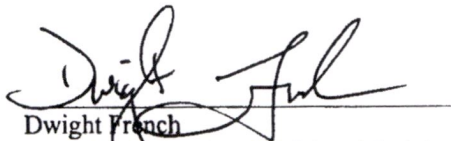
The use of water shall be limited when it interferes with any prior surface or ground water rights.

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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JAN 20 2017

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

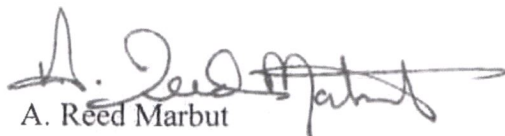
Dear Mr. Kowitz:

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

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Black Butte Ranch, Oregon

January 2017

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 its 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 water 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 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.

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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:

Source (See Note 2)	2011		2012		2013		2014		2015	
	Average Monthly Diversion (MG/month)	Average Daily Diversion (mgd)	Average Monthly Diversion (MG/month)	Average Daily Diversion (mgd)	Average Monthly Diversion (MG/month)	Average Daily Diversion (mgd)	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	

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

2. 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): See next page.

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

Water Audit Data for Groundwater(2011-2015)

Water Audit Data for Groundwater(2011-2015)		Revenue Water		Non-Revenue Water		Estimated Unaccounted for Water	
Reporting Period	Water Delivered	Authorized and Accounted for Consumption				Estimated Unaccounted for Water	
Year	Total Production (MG)	Residential Accounts Metered Consumption (MG)	Commercial Accounts Metered Consumption (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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Black Butte Ranch Water Rights Summary												
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. Amount Qty. (calendar year basis) NCTE. Well total 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	Well 1 Well 2 Well 5	Group Domestic for 155 Families	0.27 CFS	Well 1: 2.00 cfs Well 2: 3.59 cfs Well 5: 5.37 cfs	Well 1: 164.261 MG Well 2: 117.767 MG Well 4: 2.210 MG	Well 1: 32.911 MG Well 2: 43.543 MG Well 4: 0.511 MG	Well 1: 0.216 MG Well 2: 0.286 MG Well 4: 0.003 MG	Claim Rec'd 9/16/2016, inspected Certificate 2017
G-12711	G-11710	86445 (CN)	T-11381	11/18/1991	Well 2 Well 4 Well 5	Quasi-Municipal in Whitchus Creek Basin	4.8 CFS, being 2.7 CFS from Well 4 and 2.1 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: 117.767 MG Well 4: 2.210 MG Well 5: Regular use began March 2016	Well 2: 43.543 MG Well 4: 0.511 MG Well 5: Regular use began March 2016	Well 2: 0.286 MG Well 4: 0.003 MG Well 5: Regular use began March 2016	Claim Rec'd 9/16/2016, inspected Certificate 2017
G-7017	G-17023 (Superceded Permit G-6796)	N/A	T-11387	6/25/1975	Well 2 Well 3	Domestic	2.9 CFS	Well 2: 3.59 cfs Well 3: 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, inspected Certificate 2017
G-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	75002	-	2/2/1979	Well 3 in Deschutes Basin	Irrigation of 22.9 acres, Supplemental Irrigation of 90.0 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 takes for: 176.650 MG Well 3 Domestic: 14.644 MG	Well 3 takes for: 33.492 MG Well 3 Domestic:	Well 3 takes for: 0.220 MG Well 3 Domestic:	Certificate issued 2/24/2009
-	-	263 (CN) 51564 Squaw Creek Decree	T-3277	12/31/1886	Point of Diversion, Indian Ford Creek, Tributary of Squaw Creek	Irrigation of 361.5 acres	7.27 CFS	7.27 cfs	1625 AF (at rate of 4.5 AF/Ac/Yr)	288.01 AF (Note: 7 month irrigation season used as basis)	7.93 AF	Certificate issued 6/7/2083

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S-60029	S-45664	64881	-	4/14/1980	Point of Diversion, Indian Ford Creek and Phalarope Lake Reservoir, a tributary of Squaw Creek	Recreation and Fish Habitat Enhancement	0.05 CFS, being 0.025 CFS for each use	0.05 cfs	N/A	N/A	N/A	Certificate issued 8/14/1990
R-60031	R-8253	64662	-	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 storage	N/A	N/A	Certificate issued 8/14/1990
R-53350	R-7836	76003	-	10/9/1978 for 13.4 AF, and 7/25/1979 for 8.8 AF	Indian Ford Creek, a tributary of Squaw Creek, in Cinnamon and Phalarope Reservoirs	Storage of waters appropriated under Permit 44870 for Supplemental Irrigation	Storage of 22.2 AF, being 2.0 AF in Cinnamon Reservoir and 20.2 AF in Phalarope Reservoir, provided that the amount stored in Phalarope Reservoir together with the amount secured under permit R-8253 shall not exceed 20.2 AF	N/A - Storage Right	22.2 AF storage	N/A	N/A	Certificate issued 2/24/1999
S-57980	S-44270	76004	-	10/9/1978 for 13.4 AF, and 7/25/1979 for 8.8 AF	Cinnamon and Phalarope Reservoirs constructed under Permit R-7836, Tributaries of Indian Ford Creek	Supplemental Irrigation of 124.5 Acres	Right is limited to 22.2 AF of stored water only		22.2 AF	N/A	N/A	Certificate issued 2/24/1999
S58296	S44005	76005	-	2/2/1979	Black Butte Ranch Sewage Treatment Plant, a tributary of Indian Ford Creek	Irrigation of 55.9 Acres	0.83 CFS, limited to 1750 CFS/Ac and 4.5 AF/Ac during irrigation season	0.83 cfs				Certificate issued 2/24/1993

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		76006 Supercedes Cert. 80936 (CN) Square Creek Decree	73483	12/31/1980	Dry Creek (known as Glaze Meadows Fork of Indian Ford Creek), a tributary of Indian Ford Creek	Irrigation of 50 Acres	1.0 CFS	1.0 CFS	1180 AF	110,885 AF/month Note: 12 month/year Basis Used	0.729 AF/day Note: 365 day/year Basis Used	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. 65/110. Resort Community DCC-18.124. Site Plan Review DCC 18.128. Conditional Use	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
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	OCT 05 2020	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
	OWRD	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

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

A variety of uses are permitted in the Black Butte Ranch Resort Districts. No specific use is proposed or approved with this request. See attached DCC 18.110 for permitted uses.
(sections 18.110.020, .040-.060)

Name: Matthew Martin Title: Associate Planner
 Signature: [Signature] Phone: 541-330-4620 Date: 10/23/19
 Government Entity: Deschutes 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.



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Chapter 18.110. RESORT COMMUNITY ZONE

- 18.110.010. Purpose.**
- 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:

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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.
 3. 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.
1. 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.
 - 2. 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. 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. Notwithstanding 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)

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Land Use Information Form



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

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NOTE TO APPLICANTS

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:

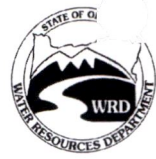
- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and **all** of the following apply:
 - a) The existing and proposed 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.

Township	Range	Section	¼ ¼	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>	<u>SWSW</u>	<u>140909C 012303</u>	<u>BBRR, BBRSM, BBRU</u>	<input checked="" type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	<u>Resort Community</u>
<u>14S</u>	<u>09E</u>	<u>16</u>	<u>SENE</u>	<u>140916A 004800</u>	<u>BBRR, BBRSM, BBRU</u>	<input checked="" type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	<u>Reort Community</u>
<u>14S</u>	<u>09E</u>	<u>22</u>	<u>NWNW</u>	<u>140922B 000099</u>	<u>BBRR, BBRSM, BBRU</u>	<input checked="" type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	<u>Resort Community</u>
<u>14S</u>	<u>09E</u>	<u>See</u>	<u>Maps</u>	<u>Multiple</u>	<u>BBRR, BBRSM, BBRU</u>	<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	<u>Resort Community</u>

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

Black Butte Ranch, Deschutes County

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B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 12.4 cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for _____ household(s)
 Municipal Quasi-Municipal Instream Other _____

Briefly describe:

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. →

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