

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



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

**A fee of \$230 must accompany this form for permits
with priority dates of July 9, 1987, or later.**
Claims received without the correct fee of \$200 will be returned.

A separate form shall be completed for each permit.

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

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

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

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

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

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see:

<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

**SECTION 1
GENERAL INFORMATION**

RECEIVED

JUN 14 2022

OWRD

1. File Information

APPLICATION # R-86546	PERMIT # (IF APPLICABLE) R-14364	PERMIT AMENDMENT # (IF APPLICABLE)
---------------------------------	--	------------------------------------

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Buck Hollow Ranch Inc.		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 59720 Twin Lakes Road			
CITY Grass Valley	STATE OR	ZIP 97029	E-MAIL

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

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

PERMIT HOLDER OF RECORD Buck Hollow Ranch Inc.			
ADDRESS 59720 Twin Lakes Road			
CITY Grass Valley	STATE OR	ZIP 97029	

4. Date of Site Inspection:

5/3/2022

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Fred Justesen	Numerous dates	Part owner and operator

6. County

Sherman

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

OWNER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

RECEIVED

JUN 14 2022

OWRD

SECTION 2 SIGNATURES

CWRE Statement, Seal and Signature

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

Seal and Signature



CWRE NAME Ben Beseda		PHONE NO. 541-296-9177	ADDITIONAL CONTACT NO.
ADDRESS 3775 Crates Way			
CITY The Dalles	STATE OR	ZIP 97058	E-MAIL bbeseda@tennesoneng.com

Permit Holder's of Record Signature or Acknowledgement

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

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

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Fred Justesen	Secretary	5/30/22

APPL. R-86546 (TATE LAKE)

RECEIVED

JUN 14 2022

OWRD

SECTION 3

CLAIM DESCRIPTION

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

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Tate Lake	Unnamed Stream	Grass Valley Canyon

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

RESERVOIR NAME OR NUMBER	USES	SEASON OR MONTHS WHEN WATER WAS APPROPRIATED FOR STORAGE	VOLUME STORED (AF)
Tate Lake	Wildlife Habitat, Recreation, Fishing,	Nov 1 to June 30	1.3
Total Quantity of Water Stored			1.3

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

Dam built across channel of unnamed stream and collects water from unnamed stream when available. There is also a permit for a well that pumps water into the reservoir.

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

4. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. YES NO

(e.g. "The permit allowed the development of three reservoirs. The permit holder only developed one of the reservoirs." or "The permit allowed for the storage of 9 acre feet of water. The reservoir was developed to hold 5.2 acre feet.")

Reservoir volume smaller than requested. Application originally filed on more volume than expected as owner was unsure as to how to figure volume.

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Tate Lake	12.0	1.3

RECEIVED

JUN 14 2022

OWRD

SECTION 4
SYSTEM DESCRIPTION

Are there multiple reservoirs? YES NO

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

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

Tate Lake

A. Reservoir Location

1. Is the reservoir on-channel? YES NO

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

TWP	RNG	MER	SEC	QQ	GLOT	DLC	MEASURED DISTANCES
3 S	16 E	W	1	NW of NW	4		618' S and 742' E from NW Cor Sec 1

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

B. Diversion and Delivery System Information

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

1. Is a pump used? YES NO

C. Gravity Flow Pipe

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

1. Does the system involve a gravity flow pipe? YES NO

D. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? YES NO

E. Reservoir

1. Does the reservoir require the submittal of as-built plans and specifications? YES NO

3. If the reservoir stores less than 9.2 acre-feet of water or if the dam is less than 10 feet in height, and as-built plans and specifications are not required, complete the table and items 4 through 8.

MAXIMUM DEPTH	AVERAGE DEPTH	SURFACE AREA (IN ACRES)	VOLUME (IN ACRE FEET)
9.5'	3.2'	0.41	1.3

RECEIVED

JUN 14 2022

OWRD

4. Provide reservoir volume calculations:

Maximum height of dam minus spillway depth equals Maximum depth, divided by 3 for average depth, multiplied by surface area equal volume.

$$(12.4 - 2.9)/3 = 3.2 * 0.41 = 1.3 \text{ acre-feet}$$

Reservoir surface area from Google aerial photos

5. Provide the following information concerning the physical characteristics of the dam:

CREST WIDTH (W)	DAM HEIGHT AT CENTERLINE (H)	DISTANCE FROM DOWNSTREAM TOP OF DAM TO DOWNSTREAM TOE (L)	DISTANCE FROM UPSTREAM TOP OF DAM TO UPSTREAM TOE (U)	WATER LEVEL AT INSPECTION	DOWN-STREAM SLOPE	UP-STREAM SLOPE
9'	12.4'	27.3'	33.2'	No water	2:1	3:1

6. Provide a drawing showing the cross section of the dam at the maximum section indicating details and dimensions. The drawing should be drawn at a standard even scale.

See attached page.

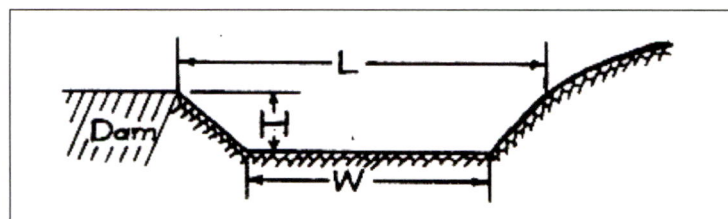
7. Describe the outlet works (size and type of the outlet conduit and location):

No Outlet, this structure was built by USDA, Soil Conservation Service as erosion control structure between 1978 and 1980. Buck Hollow Ranch have converted them to multipurpose water storage including wildlife habitat and fishing, recreation and fire protection structure.

8. Describe the emergency spillway (dimensions and location):

BOTTOM WIDTH (W)	TOP WIDTH (L)	SPILLWAY DEPTH (H)
10'	33'	2.9'

Spillway around right end of dam.



RECEIVED
JUN 14 2022
OWRD

SECTION 5

CONDITIONS

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

1. Time Limits:

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

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	10/12/2006		
BEGIN CONSTRUCTION (A)		2007	Structure is built and has been in place since between 1978 to 1980.
COMPLETE CONSTRUCTION (B)		2007 to 2011	Structure collects surface water when it is available.
COMPLETE APPLICATION OF WATER (C)	10/1/2011	2022	Reservoir continues to collect water when available

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

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

RECEIVED

YES NO

JUN 14 2022

3. Measurement Conditions:

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

OWNED

YES NO

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

b. Has a meter been installed?

YES NO

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED

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

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department?

YES Measurement Device installed NO letter of approval

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

NAME	TITLE	APPROXIMATE DATE

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
Staff Gauge	Working	Unknown but before 2011

4. Recording and reporting conditions

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

5. Outlet Pipe

a. Is the water user required to install a minimum 8" outlet pipe/conduit or the provision of other means to evacuate water when determined necessary by the Water Resources Director to satisfy prior downstream rights? YES NO

b. Has the outlet pipe been installed? YES NO

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

c. Does the water user have other means to evacuate the reservoir? YES NO

DESCRIBE HOW THE WATER USER PLANS TO EVACUATE THE RESERVOIR	HAS THIS PLAN BEEN APPROVED BY THE DEPARTMENT?	BY WHOM?
Pumping water with PTO pump. The pump available is rated between 200 gpm and 700 gpm depending on which tractor it is connected to.	YES <u>NO Not Required</u>	

RECEIVED
JUN 14 2022

OWRD

6. Fish Screening

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

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

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

b. Has the fish screening been installed? YES NO

See letter from Oregon Department of Fish and Wildlife that no fish screens are required. Note that this structure was built for soil conservation purpose prior to this permit being issued. This permit created a change in use of the structure.

c. When was the fish screening installed?

DATE	BY WHOM

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

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

Has the self-certification form previously been submitted to the Department? NA YES NO

- If not, go to <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx> (search for ODFW Small Pump Screen Self Certification), complete and attach a copy of the self-certification

form to this claim, and send a copy of it to the Oregon Department of Fish and Wildlife (ODFW).

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

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

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

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

7. By-pass Devices

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

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

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

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

SECTION 6 ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Claim Map	

RECEIVED
JUN 14 2022
OWRD

SECTION 7

CLAIM OF BENEFICIAL USE MAP

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

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

Used aerial photography to locate reservoirs and PLS line. Also used county assessor's maps and GLO records to located PLS lines.

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.

(Reminder: Incomplete maps and/or claims may be returned.)

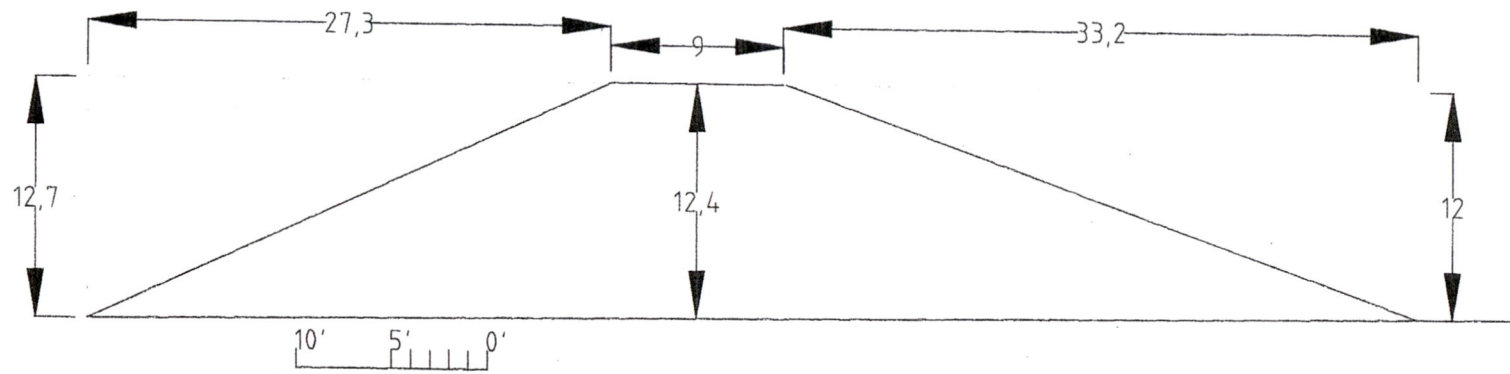
- ☒ Map on polyester film.
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☐ If irrigation, number of acres irrigated within each projected Donation Land Claims,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

RECEIVED

JUN 14 2022

OWRD

Tate Lake



RECEIVED

JUN 14 2022

OWRD

Tate Lake

RECEIVED

JUN 14 2022

OWRD

Google Earth

200 ft





Oregon

Kate Brown, Governor

Department of Fish and Wildlife
John Day Field Office
PO Box 9
John Day, OR 97845
Voice: 541-575-1167
Fax: 541-575-0948

<http://www.dfw.state.or.us>

02/22/2021

Buck Hollow Ranch
Attn: Zach Justesen
59720 Twin Lakes Rd.
Grass Valley, OR 97029



Subject: Fish Passage Condition for Applications R-86546, R-86547, R-86549, R-86550, R-86551, R-86552, and R-86553

To Whom It Many Concern,

ODFW has determined that the points of diversion associated with applications R-86546, R-86547, R-86548, R-86549, R-86550, R-86551, R-86552, and R-86553 on unnamed tributaries to Grass Valley Canyon, tributary of the John Day River in Sherman County, are situated above current and historical distribution of native migratory fish species. As such, there is no fish passage trigger event and fish passage is not required at these locations. This determination is consistent with the state's fish passage policy defined in ORS 509.585 and satisfies the state's fish passage rules and regulations.

ODFW does require that if these reservoirs are stocked with fish, screens must be in place to prevent fish from entering any creeks or rivers within the John Day Subbasin.

Sincerely,

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

RECEIVED

JUN 14 2022

OWRD



**Most Trusted Traveling Irrigation Systems
Since 1964**

Caprari Model D2/80 PTO Pump



Fully-Fitted D2/80 Pictured

- Compact, reliable PTO pump capable of 200 to 700 gpm with corresponding pressures of 110 to 99 psi using 28 to 51 hp
- Available with heavy duty two wheeled trailer or galvanized three point mount
- Designed with industry leading oil lubricated step up gearbox (no belts or pulleys) with shafts supported by widely spaced bearings
- Easily replaceable packing gland type water seal
- Pumps can be fitted with 4" female thread discharge priming valve, hand primer, fluid filled pressure gauge, short suction adapter with 5" female pipe thread and #6 heavy duty 1 3/8 six spline PTO shaft

Technical Specifications

Discharge & Suction	(Bare or Pump, Cart & Shaft) Flanged
Discharge & Suction	(Fully Fitted) 4" NPT (F) Discharge, 5" NPT (F) Suction
Discharge Position	Horizontal, Right Facing (When Standing Behind The Suction End)
Length	70 Inches
Width	48 Inches
Height	39 Inches
Weight (Unfitted)	275 lbs.
Weight (Fitted)	335 lbs.

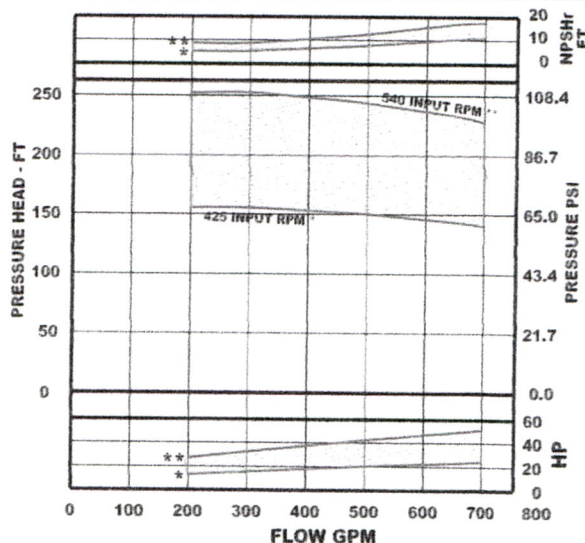
Configurations

Bare Pump	Pump only with weld-on companion flanges, gaskets, nuts & bolts
Pump, Cart & Shaft	Same as bare pump, but mounted on two-wheeled cart PTO drive shaft
Fully Fitted	Same as pump, cart & shaft plus hand primer, check valve, pressure gauge & suction fittings

Options (Additional Fees Apply)

Three-Point Hitch	Fully galvanized frame may be substituted for cart
Suction Hose	5" x 30' Aquaflex
Foot Valve & Strainer	5" Cast or Aluminum 45'
Special Execution	Consult Factory

The performance information contained herein is based on ideal conditions. Actual performance is affected by, but not limited to, location, operating conditions (temperature, humidity & altitude), and human judgment. Kifco Inc. reserves the right to change product specifications, designs, pricing and standard equipment without notice and without incurring obligation.



www.kifco.com



700 S. Schrader Ave.
P.O. Box 290
Havana, IL 62644
800-452-7017 Toll Free
309-543-4425 Phone
309-543-4945 Fax
www.kifco.com

RECEIVED

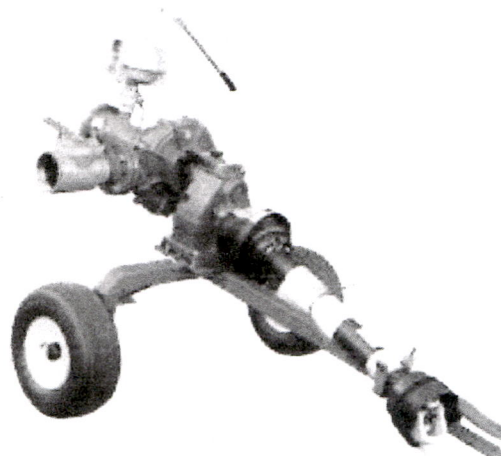
JUN 14 2022

OWARD

Rain-Flo Caprari PTO Pumps

RUGGED TRACTOR DRIVEN CENTRIFUGAL PUMPS

Price includes pump, trailer, PTO shaft, hand primer, discharge check valve and suction fitting.



Rain-Flo- Caprari centrifugal PTO pumps are designed to suit many types of irrigation systems.

These rugged, efficient pumps are mounted on a two wheeled cart making it very easy to handle.

Pumps are supplied with PTO drive shaft and fitted with priming valve, hand primer, pressure gauge and suction adapter.

A very dependable step-up gearbox is an integral part of these well proven pumps. The gearbox shaft is supported by heavy duty wide spaced bearings. The box is oil lubricated and some models are also water cooled. A dip-stick is used to check oil level. Cart construction is heavy duty tubular steel fitted with 16" diameter wheels with roller bearings. A rear stabilizer prevents the pump from tipping backwards.

PTO PUMP PERFORMANCE TABLE

Recommended
Hose Size

PRICE	MODEL	GPM	50	60	70	80	90	100	150	200	250	300	350	400	450	500	600	700	800	1000	1200	1400	DISCHARGE	SUCTION
\$3,150.00	D2/40	PSI HP	146 13	146 14	145 15	144 16	143 17	142 17	133 21														2"	3"
\$3,700.00	D2/50	PSI HP	135 17	136 17	137 18	137 18	137 19	136 19	135 22	128 25	121 27												3"	4"
\$4,350.00	D3/50	PSI HP			170 24	170 25	170 26	170 26	167 30	160 35	150 38	133 41											4"	4"
\$4,100.00	D2/65	PSI HP						107 18	108 21	108 23	107 27	105 29	103 31	100 34	97 36								4"	5"
\$4,750.00	D3/65	PSI HP							161 29	160 34	156 38	154 42	151 46	146 50	142 53	136 55							4"	5"
\$4,475.00	D2/80	PSI HP							110 28	109 31	109 33	108 36	108 38	107 40	105 43	103 47	99 51						5"	6"
\$5,765.00	D04/80	PSI HP							167 44	167 44	166 53	165 53	163 62	160 62	159 69	152 77	143 84						5"	6"
\$6,500.00	** or 540 DMR 80-3/2*	PSI HP							192 50	191 53	190 56	187 60	185 63	182 66	178 70	169 76	157 83	140 90					5"	6"
\$8,500.00	** DMR 83-3/2*	PSI HP							235 61	235 66	235 70	235 75	235 80	232 84	231 88	224 97	213 106	200 114					5"	6"
\$5,950.00	D03/100	PSI HP											116 47	116 50	115 54	114 59	112 62	110 68	103 79				6"	8"
\$6,950.00	** D3/101*	PSI HP												159 67	158 74	157 82	155 90	153 98	146 111	138 122			6"	8"
\$5,585.00	D01/125	PSI HP														37 17	36 19	35 21	34 22	30 23	25 25	21 26	8"	8"
	540 RPM 1000 RPM	GPM	50	60	70	80	90	100	150	200	250	300	350	400	450	500	600	700	800	1000	1200	1400	Above Details Apply to Fully Fitted Pumps	

* - Liquid Cooled Gear Box

** - 1,000 RPM Pump

73

RECEIVED

JUN 14 2022

OWRD

Larry Toll

From: Larry Toll
Sent: Saturday, May 21, 2022 12:56 PM
To: WOOD Robert L * WRD; THIEMANN Kenneth C * WRD
Subject: RE: Justesen Reservoirs in Sherman County

Bob, Yes you are correct. Grass Valley Canyon would be a John Day Tributary. Oops.

Ken, See my 5/20/2022 email below,

Larry Toll
Tenneson Engineering Corporation
3775 Crates Way
The Dalles, OR 97058
Telephone: 541-296-9177
Fax: 541-296-6657
E-mail: ltoll@tennesoneng.com

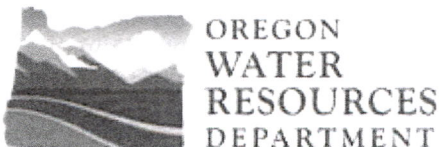
From: WOOD Robert L * WRD <Robert.L.WOOD@water.oregon.gov>
Sent: Friday, May 20, 2022 1:49 PM
To: THIEMANN Kenneth C * WRD <Kenneth.C.THIEMANN@water.oregon.gov>
Cc: Larry Toll <Ltoll@tennesoneng.com>
Subject: FW: Justesen Reservoirs in Sherman County

Ken,
See Larry's questions below. This looks like it's your district, southeast of Grass Valley.
Bob

Robert Wood

DISTRICT 3 WATERMASTER

2705 E 2nd St, The Dalles, OR 97058 | Phone 541-506-2652



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

From: Larry Toll <Ltoll@tennesoneng.com>
Sent: Friday, May 20, 2022 8:55 AM
To: WOOD Robert L * WRD <Robert.L.WOOD@water.oregon.gov>
Subject: Justesen Reservoirs in Sherman County

RECEIVED

JUN 14 2022

OWRD

Bob,

Tenneson Engineering completed the field inspection for Buck Hollow Ranches Applications R-86546, R-86547, R-86548, R-86549, R-86550, R-86551, R-86552, and R-86553. (3S, 16E sections 1 and 2 where Rutledge Road crosses Highway 97). Anyway the permits for each of these contain a condition for meter or "other suitable measuring device"... "approved by the Director." I found homemade staff gauges in the pools of the reservoirs.

No approval has been found by the permit holder. So we need a copy of the prior approval or approval now.

Here is what I know from information from the permit holder.

--These 8 dams were built around 1978 to 1980 as soil erosion control structures under a Soil Conservation Service program. Buck Hollow Ranches purchased the land later and filed on them in 2006 to hold water for fish, wildlife, stock, recreation and fire water. The surface water permits were requested so they could legally capture any surface water if it was available although I am going to guess that the majority of the water you see came from wells (Applications G-16658 and G-16659).

--The staff gauges were installed within terms of the permit but date not certain. The top of the staff gauge is the same elevation as the crest of the spillway. There are bolts every 6 inches down the post to indicate elevation below spillway crest. All the gauges are out in the reservoir, some are a fair distance from the shore. Attached are some images of the staff gauges on the date of the field inspection, 5/3/2022. I did not get an image where you can actually see each of the 8 gauges, but here is 6. R-86551 Sherertz IMG_1512 shows a good view of actual construction. This reservoir was down with gauge closer to reservoir edge, and you can see the different 0.5' markers. The others are more distant or barely out of the water.

Is this enough for you to grant approval? Do you need some additional information?

Thanks,

Larry

Larry Toll

Tenneson Engineering Corp.

3775 Crates Way

The Dalles, OR 97058

Telephone: 541-296-9177

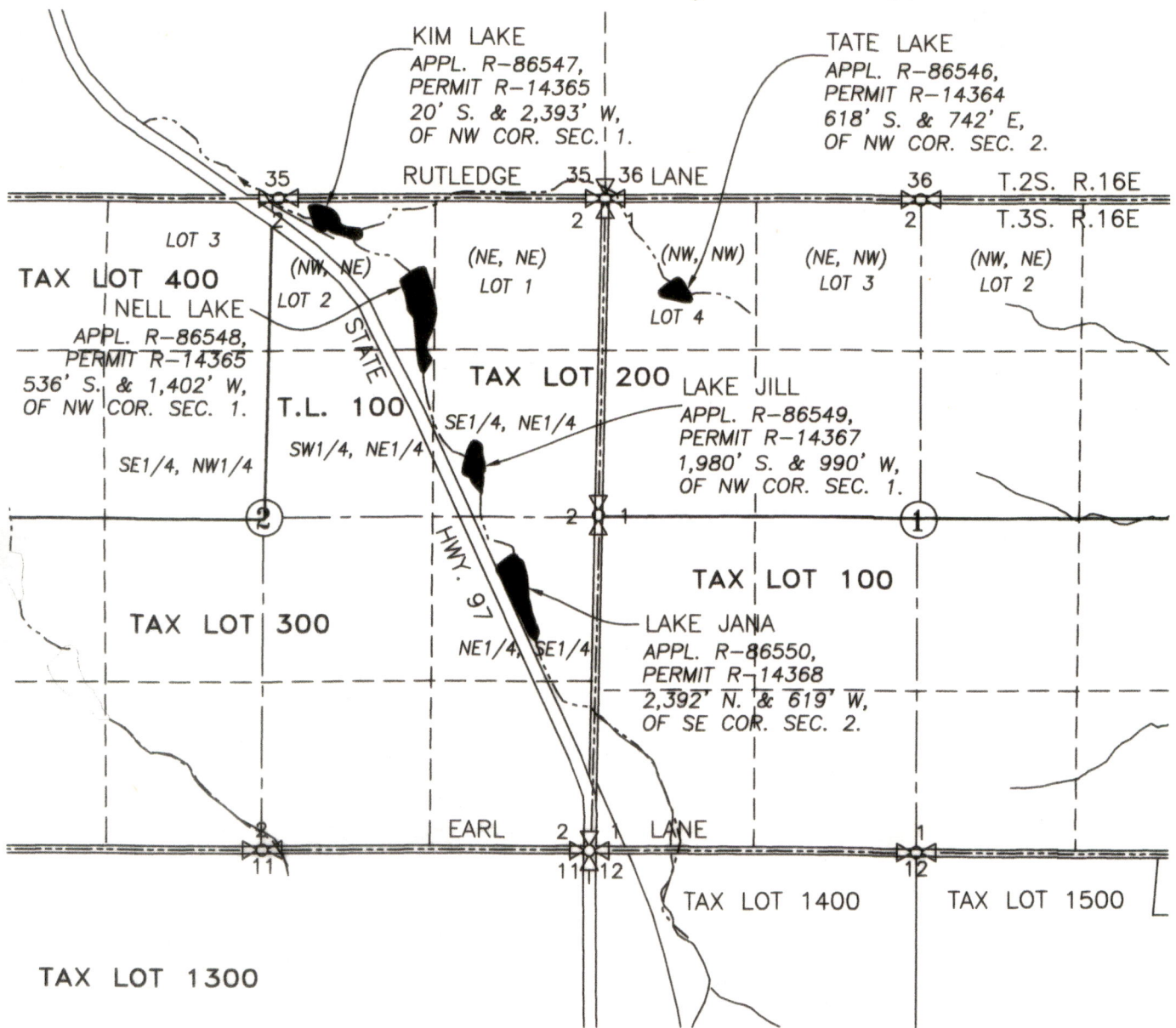
Fax: 541-296-6657

RECEIVED

JUN 14 2022

OWRD

THE WEST 1/2, SEC. 1 & E1/2, SEC. 2,
TOWNSHIP 3 S. RANGE 16 E. W.M.
SHERMAN COUNTY, OREGON

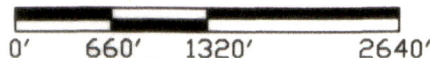


LEGEND :

-  RESERVOIR (LAKE)
-  STREAM WITH DIRECTIONAL FLOW

CLAIM OF BENEFICIAL USE MAP

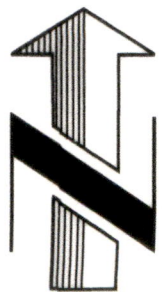
SCALE: 1" = 1320'



RECEIVED

JUN 14 2022

OWRD



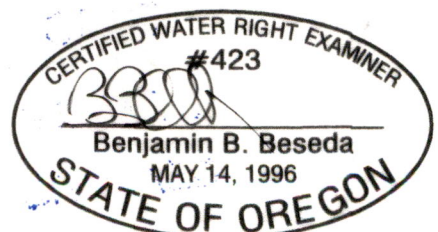
APPLICATION No. R-86546, R-86547, R-86548,
R-86549, R-86550

PERMIT No. R-14364, R-14365, R-14366
R-14367, R-14368

IN THE NAME OF:

BUCK HOLLOW RANCH, INC.

DATE: MAY 10, 2022



EXPIRES: 12/31/2023

BY: **TENNESON ENGINEERING CORP.**

3775 CRATES WAY
THE DALLES, OREGON. 97058
PH. 541-296-9177
FAX 541-296-6657



NOTE:

"THIS MAP IS NOT INTENDED TO PROVIDE
LEGAL DIMENSIONS OR LOCATIONS OF
PROPERTY OWNERSHIP LINES."

W.O. #12025