

# Application for a Permit to Use Groundwater



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

## SECTION 1: APPLICANT INFORMATION AND SIGNATURE

### Applicant

NAME (1) Sullivan Z Ranch and (2) Bureau of Land Management		PHONE (HM) <sup>(1)</sup> 541-446-3410	
PHONE (WK) (1) 25475 Hwy 45	CELL (2) 100 Oregon St	FAX 541-473-6267	
ADDRESS (1) Hereford (2) Vale			
CITY	STATE OR	ZIP 97837 97919	E-MAIL*

### Organization

NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

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

AGENT / BUSINESS NAME Jan Alexander, Jan Alexander Mine Permitting		PHONE 541-446-3413	FAX 541-446-3319
ADDRESS PO Box 153			CELL
CITY Unity, OR	STATE OR	ZIP 97884	E-MAIL* alxo@ortelco.net

Note: Attach multiple copies as needed

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

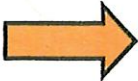
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### By my signature below I confirm that I understand:

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



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

[Signature] Sullivan Z Ranch Inc 3-3-20  
Applicant Signature Print Name and Title if applicable Date

Applicant Signature

Print Name and Title if applicable

Date

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 \_\_\_\_\_ Jennifer Sanborn <sup>Acting</sup> Field Mgr <sub>Field Mgr</sub> 3/3/2020  
Applicant Signature Print Name and Title if applicable Date

\_\_\_\_\_  
Applicant Signature Print Name and Title if applicable Date



**SECTION 2: PROPERTY OWNERSHIP**

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

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

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

*This is a joint application; Sullivan Z Ranch, Inc and Bureau of Land Management*

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

**SECTION 3: WELL DEVELOPMENT**

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
<i>Well # 3</i>	<i>40 feet from Pine Creek</i>	<i>40 feet</i>	<i>2 feet</i>

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

**SECTION 3: WELL DEVELOPMENT, continued**

Total maximum rate requested: 200 gpm (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

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

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Well #3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L 117886	<input type="checkbox"/>	10" casing	2.2'-103'	none	8" seal 2.2'-348'	75.13' 3-22-19		610'	200 gpm	93,394 AF
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	8" liner	2.8'-348'	none						
	<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"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									

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



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

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

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

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:  
[https://apps.wrd.state.or.us/apps/misc/lkp\\_trsqq\\_features/](https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/)

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

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

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

Yes  No

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

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

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

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

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

Yes  No

**If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified** that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

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

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

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

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

\_\_\_\_\_

**Statewide - OAR 690-033-0330 thru -0340**

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

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Yes  No

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

**SECTION 5: WATER USE**

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Mining	Year-round	97594 A.F

**For irrigation use only:**

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

Primary: \_\_\_\_\_ Acres Supplemental: \_\_\_\_\_ Acres

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

\_\_\_\_\_

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

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: \_\_\_\_\_ (Exempt Uses: Please note that 15,000 gallons per day for single or group domestic purposes and 5,000 gallons per day for a single industrial or commercial purpose are exempt from permitting requirements.)

For Department Use: App. Number: \_\_\_\_\_



- If the use is **mining**, describe what is being mined and the method(s) of extraction (attach additional sheets if necessary): *This is a gold mining operation. Excavators, cats and loaders are used to mine the placer gravels. 30-40 ton rock trucks are used to haul the gravel to the wash plant. Approximately 2,000 cubic yds of material are washed daily and gold is extracted. All water is recycled.*

## SECTION 6: WATER MANAGEMENT

### A. Diversion and Conveyance

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

- Pump (give horsepower and type): *3" submersible, 40 h.p. (Goulds or similar)*
- Other means (describe): *Water will be pumped through a 6" above ground pipeline to the wash plant.*

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. *A 6" above ground aluminum pipeline, will convey well water 400 ft. to tie into the existing pipeline from BAKE 52184, which is conveys water 6900 +/- feet to holding pond 2 under permit G16978. The water may also be pumped 800 +/- feet south to the ponds on tax lot 300.*

### B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

(attach additional sheets if necessary) *Well water is put to beneficial use by mixing with gold bearing gravel to liberate the gold from the rocks in the sluice box.*

### C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste;

measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the

discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface

waters (attach additional sheets if necessary). *Processing of large volumes of placer gravels takes more water than BAKE 52188 and BAKE 52184 can provide under permit G16978. All process water is recycled but water is lost to evaporation, requiring additional "makeup" water be added.*

*There is no discharge of process water. There are no riparian areas.*

## SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: *3-23-16*
- b) Date construction will be completed: *3-30-16*
- c) Date beneficial water use will begin: *2020*

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## SECTION 8: RESOURCE PROTECTION

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

- Water quality will be protected by preventing erosion and run-off of waste or chemical products. Describe: *All BLM required Best Management practices will be followed. A Hazardous Materials Plan has been approved by BLM.*
- Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas. Note: *If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.* Describe planned actions and additional permits required for project implementation: *There are no riparian areas. The pipeline will be placed along the existing road.*
- Other state and federal permits or contracts required and to be obtained, if a water right permit is granted: List: *BLM approved Plan of Operation is in place and includes well #3 BAKE 52494.*

**SECTION 9: WITHIN A DISTRICT**

N/A

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

Irrigation District Name	Address	
City	State	Zip

**SECTION 10: REMARKS**

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

\_\_\_\_\_

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Oregon Water Resources Department

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June 4, 2021

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FORM R

FOR WATER USED FOR MINING PURPOSES

1. What type of mining operation is planned?

- Aggregate, Industrial Minerals, Placer, Metal (flotation processing), Metal (chemical processing - heap leach), Other (Specify)

2. What are the proposed uses of water?

- Gravel washing, Dewatering, Make-up for milling operation, Heap leach, Dust control, Domestic, Other (Specify)

3. Does the mine operation require dewatering?

- No (Skip to question no. 4), Yes

At what rate will the water be produced? gpm cfs

How will the water be discharged? Recirculated Off-site

4. Will ponds or dams be constructed?

- No (Skip to question no. 5), Yes

Approximate pond depth: Depth to ground water: Amount stored:

5. Will a pond (or ponds) be left after reclamation has been completed?

- No (Skip to question no. 6), Yes List information for each pond.

Source: Use: Size: Depth:

Use the reverse side of this form for additional ponds.

6. Will monitoring or observation wells be constructed on site?

- No (Skip to question no. 7), Yes How many?

Label these well locations on your permit application map.

7. Attach a copy of the map submitted to the Department of Geology and Mineral Industries (DOGAMI) showing locations of all intermittent water courses, perennial streams, springs, wetlands, and wells.

**ROBERT D. BAGETT, PLS, CWRE**

Certified Water Right Examiner

P.O. Box 476

John Day, Oregon 97845

Phone (541) 620-0717

e-mail bob@johndaysurveyors.com

Office Location – 217 N. Canyon Boulevard

March 31, 2020

Kim French, Water Rights Application Specialist  
Water Resources Department  
725 Summer St. NE, Suite A  
Salem, OR 97301

Re: BLM Sullivan Z Ranch Water Right Application

Kim,

This is in response to your request of Jan Alexander, Agent for BLM and Sullivan Z Ranch to provide a legal description of the private property owned by the Sullivan Ranch.

The subject Sullivan Ranch land is described as follows:  
Land in Baker County, Oregon as follows;

T.12S., R.39E., W.M.:

Section 10: NW1/4; SE1/4NE1/4; E1/2SE1/4.

Section 27: SW1/4NE1/4; SE1/4SW1/4; SW1/4NW1/4

All that part of the NE1/4 SE1/4 described as follows:

See attached legal description of Tax Lot 300 and the exception within it being, Tax Lot 400 which is not a part of this application.

The remainder of the lands under this application and shown the application map are listed as USA per the Baker County Assessor's records.

I did notice that on the application map I inadvertently cross hatched a small area in the NW1/4SW1/4 of Section 26, this is in error. Nothing is applied for in the NW1/4SW1/4.

Please contact me if you have any questions.

Sincerely,



Bob Bagett, PLS, CWRE

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30-1

12

39

27

300

formerly part of

Map Number

Tax Lot Number

Special Interest

Exceptions/Additions

History of Parcel Prior to Re-mapping

11102

Previous Account Number

Previous Tax Lot Number

1239-2100

12	39	2100	30-1
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OFFICIAL RECORDS OF DESCRIPTIONS OF REAL PROPERTY  
DAKOTA COUNTY LAND RECORDS OFFICE

Ex. PARCEL 400 (1.46)

Ex. Hwy (2.40)

Ex. Co. Rd. (0.04)

Tax Lot 300 - 12-39-27

SULLIVAN RANCH

- 1/4 Sec. 27;
- 89° 02' W on 1/4 sec line 1132.42 ft;
- 33° 05' W 362.14 ft;
- 40° 50' 45" W 375.89 ft;
- 44° 39' E 277.36 ft;
- 61° 18' E 251.75 ft;
- 47° 52' 45" E 257.56 ft;
- 60° 47' 45" E 251.3 ft;
- 88° 06' 45" E 233.95 ft;
- 68° 11' 45" E 123.7 ft to a pt on E

Line Sec. 27;

- 1° 52' E on sd line 1222.47 ft to pob.
- All in T12S R39S27

Except:

- By 2.40
- T. L. 2200 1.46

- 1. Sullivan, Rayne
- 2. Sullivan Ranches Ltd
- 3. Rayne Sullivan Ranches Ltd

1094	4/4/67	116	382	31.60
1175	2/10/71	173	458	27.74
1323	2/5/75	75-2-07	UtilBase	
13567	3/8/73	75-2-07	PLS	
	3/18/75	75-09-030	PLS	
	8/6/85	85-15-084	Per Act	

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OFFICIAL RECORD OF DESCRIPTIONS OF  
REAL PROPERTY  
BAKER COUNTY ASSESSOR'S OFFICE

12	39			2200		30-1	
TWP. S.	RGE. E.	SEC.	1/4	1/16	TAX LOT NUMBER	TYPE	SPEC. INT. IN REAL PROP.
MAP NUMBER				ACCOUNT NUMBER		CODE AREA NUMBER	
FORMERLY PART OF T.L. NO.						CITY	

INDENT EACH NEW COURSE TO THIS POINT	ADDITIONAL DESCRIPTION AND RECORD OF CHANGE	DATE OF ENTRY ON THIS CARD	DEED RECORD		ACRES REMAINING
			VOL.	PG.	

TAX LOT 400 - 12 - 39 - 27  
 EXCEPTION - NOT A PART

123927#400

Baap on the Sly R/W line of the Baker - Unity Hwy, sd pt being 789.93 ft S & 283.73 ft W of the 1/2 sec cor on the E side of Sec. 27, sd pt being 40 ft Sly fm (when measured at R/A to) the ctr line of sd Hwy at Engineer's Station 1006+88 1/4;

th S 17° 38' W, a dist of 230 ft;

th N 72° 02' W, a dist of 295.1 ft;

th N 17° 38' E, a dist of 230 ft to a pt on the Sly R/W line of sd Hwy;

th fol sd Hwy R/W line alg a 517.46 ft radius curve left (the long chord of which brs S 72° 02' E, 295.10 ft) a dist of 299.24 ft to the pob.

All in T12S R39EWM

1. Meier, Donald & Glenn 15544 3/6/73 73-07-035 B&S

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

BAKE 52494

WELL I.D. LABEL# L START CARD # ORIGINAL LOG #

117886 1029886

5/14/2016

(1) LAND OWNER Owner Well I.D. First Name Last Name Company BLM Address 100 OREGON ST. City VALE State OR Zip 97918

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

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [ ] (Attach copy) Depth of Completed Well 610.00 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, Sacks/lbs. Row 1: 15, 0, 103, Cement, 0, 103, 70, S. Row 2: 10, 103, 610, Calculated, 60.

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

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 [X] Yes Dia 16 From 0 To 12

(7) PERFORATIONS/SCREENS Screens Type Material Perf/ Casing/ Screen Screen Liner Dia From To width length # of slots Tele/ pipe size

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

Table with 4 columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 200, 600, 5.

Temperature 69 °F Lab analysis [ ] Yes By Water quality concerns? [ ] Yes (describe below) TDS amount From To Description Amount Units

(9) LOCATION OF WELL (legal description) County BAKER Twp 12.00 S N/S Range 39.00 E E/W WM Sec 26 SW 1/4 of the NW 1/4 Tax Lot 1100 Tax Map Number Lot Lat Long DMS or DD DMS or DD

17.5 MILES FROM HWY 26-245 INTERSECTION AND 1/2 MILE NORTH UP CANYON

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration Completed Well 3/30/2016 77.8 Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 387.00 SWL Date From To Est Flow SWL(psi) + SWL(ft) 3/23/2016 387 550 200 77.8

(11) WELL LOG Ground Elevation Material From To Tan sand and gravel 0 3 Tan sand and gravel with clay 3 50 Brown basalt 50 72 Black basalt hard 72 160 Gray basalt with red seams of mineral 160 290 Red volcanic rock Med hard 290 326 Gray basalt 326 387 Gray basalt, fractured, brown seams 387 550 Brown basalt med hard 550 610

Date Started 3/9/2016 Completed 3/30/2016

(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.

Licensed 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.

Licensed Number 1606 Date 5/14/2016 Signed JOHN MARCIEL (E-filed) Contact Info (optional)



\* High Bar  
2019

### Oregon Water Resources Department PERMIT CONDITION WATER-LEVEL REPORTING FORM

Well owner:

Name	BLM		
Address	100 OREGON ST.		
City/State/Zip	VALE	OR	97918
Phone/Fax/Cell			
Email			

Well #3

Application:	G-13512
Permit:	G-16978
Certificate:	
Userid:	
Transfer:	

Your water right requires periodic static water-level measurements in your wells. Consult your permit or certificate to determine when measurements should be made, when reports are due, and who is allowed to make the measurements. Keep a copy of all measurement reports for your records. All wells that have been constructed must be measured regardless of whether they are being used. Please contact the Department if you are no longer the holder of this right or no longer have an interest in it.

Complete one form for each well.

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Other water rights that list this well:

Application number(s):				
Permit number(s):				OWRD
Certificate number(s):				

Identification of measured well (Provide as much information as possible.)

Water Resources Well Log ID:	BAKE 52494	Owner's well name:			
Well ID (Well Tag) on Well: L-	117886	Well drilled by:	JOHN MARCIEL		
Well ID (Well Tag) on Well Log: L-	117886	Total depth	610'	Casing diameter (inches):	10"
Start Card # on Well Log:	1029886	Owner on well log:	BLM		
Date drilled:	3/30/2016				

#### Water-Level Measurement

Date of measurement: 3/22/19  
Measurements should be made to at least the nearest tenth of a foot (10.2), the nearest inch (10' 3") or the nearest pound, if using a gage.

Depth to water below measuring point:	77.8'	Airline length or transducer depth:		feet	
Measuring point height <sup>above</sup> below land surface:	2.67'	Airline pressure:		psi x 2.31=	feet
Depth to water below land surface:	75.13'	Shut-in pressure:		psi x 2.31=	feet

Measurement Status: Static  Pumping  Rising  Flowing  Other

Measurement Method: E-tape  Airline  Other

Length of time well was idle prior to measurement: \_\_\_\_\_

Measuring point description: TOP OF CASING

The measuring point is the reference point from which the measurement is made. Examples are: 1/2" access port in well cap; 1-1/2" port pipe on N side; pressure gage.

Comments:

When did water use begin for this well under this permit? Month \_\_\_\_\_ Year \_\_\_\_\_

I hereby certify that the information on this report is accurate and represents the static water level in the well at the time of measurement.

Person making measurement (print): TIM VANDER HEIDE  
 Signature of measurer: *[Signature]*  
 Company: MMW ELECTRIC MOTOR & PUMP REPAIR, INC.  
 Licensed number (circle license type: CWRE, RG, PE, WWC, ~~Pump Installer~~): CCB #80969  
 Daytime phone number: 541-523-2859  
 Email address: MIKE@MMWELECTRIC.COM

If you have any questions about this notice, please call the Measurement & Reporting Section of the Department at 503-986-0822.  
 Return this Form to: OWRD, Meas & Rept Section, 725 Summer St. NE, Suite. A, Salem, OR 97301-1266 or email as an attachment to reportingmmts@wrdd.state.or.us. Additional forms can be obtained from our web site at: [www.oregon.gov/owrd/](http://www.oregon.gov/owrd/)



### Oregon Water Resources Department PERMIT CONDITION WATER-LEVEL REPORTING FORM

**Well owner:**

Name	SULLIVAN Z RANCH		
Address	26151 HWY. 245		
City/State/Zip	HEREFORD	OR	97837
Phone/Fax/Cell			
Email			

Application:	G-13542
Permit:	G-16978
Certificate:	
Userid:	31063
Transfer	T-114440

Your water right requires periodic static water-level measurements in your wells. Consult your permit or certificate to determine when measurements should be made, when reports are due, and who is allowed to make the measurements. Keep a copy of all measurement reports for your records. All wells that have been constructed must be measured regardless of whether they are being used. Please contact the Department if you are no longer the holder of this right or no longer have an interest in it.

Complete one form for each well.

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**Other water rights that list this well:**

Application number(s):				
Permit number(s):				OWRD
Certificate number(s):				

**Identification of measured well (Provide as much information as possible.)**

Water Resources Well Log ID:	BAKE 52494	Owner's well name:	
Well ID (Well Tag) on Well: L-	117886	Well drilled by:	JOHN MARCIEL
Well ID (Well Tag) on Well Log:L-	117886	Total depth	610' Casing diameter (inches): 10"
Start Card # on Well Log:	1029886	Owner on well log:	BLM
Date drilled:	3/30/2016		

**Water-Level Measurement**

Date of measurement: 3/17/2020

Measurements should be made to at least the nearest tenth of a foot (10.2'), the nearest inch (10' 3") or the nearest pound, if using a gage.

Depth to water below measuring point:	72.0'	Airline length or transducer depth:		feet
Measuring point height above/below land surface:	2.67'	Airline pressure:		psi x 2.31= feet
Depth to water below land surface:	69.33	Shut-in pressure:		psi x 2.31= feet

Measurement Status: Static  Pumping  Rising  Flowing  Other

Measurement Method: E-tape  Airline  Other

Length of time well was idle prior to measurement: \_\_\_\_\_

Measuring point description: TOP OF CASING

The measuring point is the reference point from which the measurement is made. Examples are: 1/2" access port in well cap; 1-1/2" port pipe on N side; pressure gage.

Comments:

When did water use begin for this well under this permit? Month \_\_\_\_\_ Year \_\_\_\_\_

I hereby certify that the information on this report is accurate and represents the static water level in the well at the time of measurement.

Person making measurement (print): TIM VANDER HEIDE  
 Signature of measurer: *[Signature]*  
 Company: MMW ELECTRIC MOTOR & PUMP REPAIR, INC.  
 Licensed number (circle license type: CWRE, RG, PE, WWC, Pump Installer): CCB #80969  
 Daytime phone number: 541-523-2859  
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If you have any questions about this notice, please call the Measurement & Reporting Section of the Department at 503-986-0822.  
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# Land Use Information Form



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

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**Applicant**

NAME <i>Dan Sullivan Sullivan Z Ranch, INC</i>		PHONE (HM) <i>541-446-3410</i>	
PHONE (WK)	CELL	FAX	
ADDRESS <i>25475 Highway 245</i>			
CITY <i>Hereford, OR</i>	STATE <i>OR</i>	ZIP <i>97837</i>	E-MAIL*

**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:
<i>12S</i>	<i>39E</i>	<i>26</i>	<i>SW NW</i>	<i>1100</i>	<i>Federal land</i>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
				<i>2700</i> <i>300</i>		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

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

*Baker*

**B. Description of Proposed Use**

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

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

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

Estimated quantity of water needed: *250 gpm*  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 *mining*

Briefly describe:

*C.U. 07-003 authorizes processing. Currently there are two wells used in the operation. Well #3 will be piped to the existing pipeline that transports water to the High Dan Mining Operation from wells #1 and #2. A water right on well #3 is being applied for.*

**Note to applicant:** If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.



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# 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:	
Conditional Use Permit	CU-07-003; BCZO Articles 3 & 6	<input checked="" type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

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

The applicant was approved for a Conditional Use Permit, CU-07-003, on May 25, 2007, which allows mining on Tax Lot 300. Water may be used on Tax Lot 2700 for all uses permitted outright. Mining 1000 cubic yards of material or less or excavation preparatory to mining of a surface area not more than one acre is allowed without a land use permit per ORS 215.298. Mining above that threshold is only approved for Tax Lot 300. Baker County does not regulate mining activities on federal lands, & therefore, makes no presumption of approval for Tax Lot 1100, which is also included in this application.

Name: Kevin Berryman Title: Planner  
Signature: [Signature] Phone: 541-523-8219 Date: 1/16/2020  
Government Entity: Baker 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.

### Receipt for Request for Land Use Information

Applicant name: \_\_\_\_\_  
City or County: \_\_\_\_\_ Staff contact: \_\_\_\_\_  
Signature: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_

March 20, 2020

Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, OR 97301-1271  
Attention: Groundwater Section

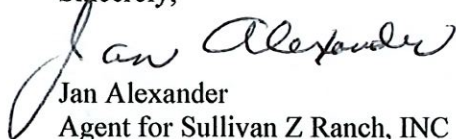
Re: Application for Groundwater Permit

Dear Sir:

Enclosed please find an application for a groundwater permit. The well is located on BLM, the place of beneficial use includes BLM lands and private lands.

Please let me know if you need additional information.

Sincerely,



Jan Alexander  
Agent for Sullivan Z Ranch, INC  
P.O. Box 153  
Unity, OR 97884  
541-446-3413  
alx@ortelco.net

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Enclosures: Application, LUCS form, well log, check in the amount of \$2,200

CC: Sarah Doyl  
BLM Baker Field Office





**Oregon Water Resources Department  
Groundwater Application**

- [Main](#)
- [Help](#)
- [Return](#)
- [Contact Us](#)

Today's Date: Saturday, February 29, 2020

Base Application Fee.		\$1,340.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	0.45	\$350.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	1	
Number of proposed groundwater points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	1	
Subtotal:		\$1,690.00
Permit Recording Fee. ***		\$520.00
* the 1st Water Use is included in the base cost. ** the 1st groundwater point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$2,210.00

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## Minimum Requirements Checklist

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

### Include this checklist with the application

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

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

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

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#### Include the following additional items:

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

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