



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

Application to Develop a Minor Hydroelectric Project

(Less than 100 theoretical horsepower)

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply, please insert "n/a". Please read and refer to the instructions guide when completing your application. Thank you.

1. APPLICANT INFORMATION

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JAN 24 2022

Applicants: BRENT KERNS
First Last

OWRD

Organization: _____

Mailing Address: 45298 POCAHONTAS RD.

HAINES OR 97833
City State Zip

Phone: 541-403-1212
Home Work Other

E-mail address: kcdiamondbrent@gmail.com

2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water? This includes diversion location and place of use; roads; rights-of-way; and canals or ditches.

- Yes, (Skip to section 3 "Water Use")
- No, Please check the appropriate box below.
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.

Note: A water right cannot be issued without written authorization or easement provided to the Department.

List the names and mailing addresses of all affected landowners.

Attach a separate sheet if needed.

3. WATER USE

A. Proposed Source and Amount of Water

Provide the commonly used name of the water body from which water will be diverted, and the name of the stream or lake it flows into. If unnamed, say so. If the source will be a reservoir, list reservoir name and/or permit number:

Provide the amount of water you propose to use from each source, for each use, in cubic feet-per-second (CFS) or gallons per minute (GPM). If the proposed use is from storage, provide the amount in acre-feet (AF):

(1 cubic foot per second = 448.8 gallons per minute 1 acre-foot = 43,560 cubic feet)

Source	Tributary to	Amount (AF, CFS, GPM)
WILLOW CR.	POWDER RIVER	506 GPM

B. Period of Use

Indicate the time of year when you propose to use water:

JAN 1 - DEC 31

C. Power Development

The project will utilize 300 (number of feet) of gross head to develop 3.79 (number) theoretical horsepower (THP).

THP is calculated by multiplying the quantity of water to be diverted in cubic feet per second by the vertical head in feet and dividing the product by 8.8). The head is the difference in elevation between the intake of the pipeline and the return discharge to the stream.

D. Location

The point of diversion is located within the SW ¼ of the NE ¼ of Section 4

Township 8S, Range 38E, W.M.,

The power plant is located within the NW ¼ of the NW ¼ of Section 3

Township 8S, Range 38, W.M., in BAKER County.

After passing through the power plant, the water utilized will be returned to

WILLOW CR. (stream) in the SE ¼ of the NW ¼ of Section 3

Township 8S, Range 38E, W.M.

E. Project Facilities

- (IF APPLICABLE) The diversion dam will have a height of _____ feet, a crest width of _____ feet, an upstream slope of _____ feet horizontal to one foot vertical, and a downstream slope of _____ feet horizontal to one foot vertical.

Describe the type of dam and the material with which it will be constructed:

N/A

- (IF APPLICABLE) The storage reservoir will be located on: N/A
 _____ (body of water), tributary to _____ (body of water)

in Section _____, Township _____, Range _____, W.M.

When full the reservoir will have a surface area of _____ acres and a total storage volume of _____ acre-feet.

- (IF APPLICABLE) The canal will have a length of _____ feet, a slope of _____ feet horizontal /feet vertical, a base width of _____ feet, and a top width of _____ feet.

- (IF APPLICABLE) The pipeline will have a length of 3100 feet, a diameter of 4 inches, and the difference in elevation between the intake and discharge will be 310 feet. The type of pipe used is PVC

Describe the type of water wheel and generator that will be used: PELTON
WHEEL

4. WATER MANAGEMENT

A. Monitoring

How will you monitor your diversion to be sure you are within the limits of your water right and you are not wasting water?

- Weir
- Meter
- Periodic Sampling

Have you planned for a minimum bypass flow?

- Describe

FLOW STAYS IN CHANNEL / INTAKE IN CHANNEL

5. RESOURCE PROTECTION

In granting permission to use water from a stream or lake, the state requires careful control of activities that may affect the waterway or streamside area. Please indicate any of the practices you plan to undertake to protect water resources.

- Diversion will be screened to prevent uptake of fish and other aquatic life.

Describe planned actions:

SCREEN WILL BE 1/4" MINUS

- Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas. Describe planned actions: ALREADY AN IRRIGATION

DIVERSION

- Operating equipment in a water body will be managed and timed to prevent damage to aquatic life.

Describe: ALREADY DEVELOPED

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

Describe: ALREADY EXISTING, NO EROSION OR RUN OFF. DIVERSION HELPS STABILIZE CREEK EROSION.

6. FINANCES AND SCHEDULE

The estimated cost of the project is \$ 9500

The proposed use or market for the power to be developed is: OWN USE TO POWER HOME & SHOP

The time schedule for completing the project after a water right is issued is WITHIN 12 MONTHS

The estimated life of this project is 50 years. Upon a decision to terminate project operations, the project must be decommissioned under applicable Oregon laws. Upon project termination, the proposed method of removal is SEAL OFF INLET

7. NEIGHBORS

The following individuals own property within 300 feet of the proposed powerhouse: (include names, physical addresses, and mailing addresses)

ONLY APPLICANT

8. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

THE INLET AND RETURN ARE BOTH LOCATED ON APPLICANTS PROPERTY. THERE IS ALREADY A WATER RIGHT TO IRRIGATE PROPERTY. THIS IS ONE OF THE 4 DIVERSION POINTS.

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter-quarter section of the proposed diversion location and powerhouse. See the map guidelines sheet for detailed map specifications.

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10. SIGNATURE

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By my signature below I confirm that I understand:

- 1* I am asking to use water specifically as described in this application.
- 2* Evaluation of this application will be based on information provided.
- 3* I cannot legally use water until the Water Resources Department issues a water right to me.
- 4* If I get a water right, I must not waste water.
- 5* If development of the water use is not according to the terms of the water right, the water right can be canceled.
- 6* The water use must be compatible with local comprehensive land use plans.
- 7* Even if the Department issues a water right to me, I may have to stop using water to allow senior water right holders, instream water rights or minimum bypass flows to get water they are entitled to, and

I affirm that all information provided in this application is true and correct to the best of my knowledge.



7/27/21

Signature of applicant

Date

Signature of applicant

Date

11. EXHIBITS

The following Exhibits must be included as a part of this application:

Hydroelectric Project /6

11. EXHIBITS

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The following Exhibits must be included as a part of this application:

- Exhibit A** Narrative Statement describing the proposed project from the point(s) of diversion to the water return area.
- Exhibit B** Project Map (See Guide for Minor Hydroelectric Applications)
- Exhibit C** Tax-Assessors map showing all property lines within 300 feet of the proposed powerhouse.
- Exhibit D** Attach land use form. Land use form must be signed by the local planning official, certifying that the use and structures associated with this project are allowed. The land use form is attached to the end of this form, or is available from the OWRD Salem office or on OWRD web site using the link "Forms."

NARRATIVE STATEMENT:

Provide a detailed written description of each component of the proposed Project from the point(s) of diversion to the water return area. The reader should be able to draw a basic picture of the Project based on the Narrative Statement. Such features include points of diversion, dams and appurtenant works and structures, storage, diverting or forebay reservoirs connected therewith, conduits or pipes, powerhouses, water wheels, and primary lines transmitting power to the point of junction with a distributing system, or with any interconnected primary system, miscellaneous works and structures used in connection with the Project or any part thereof, rights of way, lands, flowage rights and all other properties, rights and structures necessary or appropriate in the use, operation and maintenance of the Project.

Before you submit your application be sure you have:

- Answered each question completely.
 - Attached a legible map which includes township, range, section and quarter-quarter section.
 - Attached an assessor's map showing tax lots within 300 feet of powerhouse.
 - Included a Land Use Information Form or receipt stub signed by a local official from a city or county planning office.
 - Included a check payable to the Water Resources Department for \$500. (If a water right is approved, an additional \$500 is required before the right can be issued.)
-

Exhibit A

Willow Creek hydroelectric project Haines Oregon

Willow Creek is a spring generated Creek that comes off the North Face of Hunt Mountain in the Elkhorn range. The property that is going to use the hydroelectric power has a water right to irrigate out of Willow Creek; it's the very first property at the base of the mountains. This close to the mountains Willow Creek is a year-round Creek, As the creek moves out into the valley it disappears into the ground most of the year. Willow Creek is a tributary of the Powder River but is very rarely connected.

This is a high head low volume system, the goal is to only divert about 10% of Willow Creek's water volume. The system at capacity will utilize 50 gallons a minute but there are two Pelton wheel driven alternators in the system so if the creek volume drops below 500 gallons per minute only one alternator will be used so at that point it will be a 25 gallon a minute diversion. With at least 90% of the water staying in the creek from the diversion point down to the return point I feel it would have very little effect.

The building using the power and the PowerHouse are 3000 linear feet from the diversion point . 4 inch pipe will carry the water to that point. During the irrigation season the discharge water will be used to flood irrigate the pasture as it has been. When the water is not being used for irrigation it will be returned to Willow Creek. There are no other diversions between the head box for the system and where the water comes back into Willow Creek, except the ones that are used to irrigate this piece of ground.

Thank you
Brent Kerns

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N

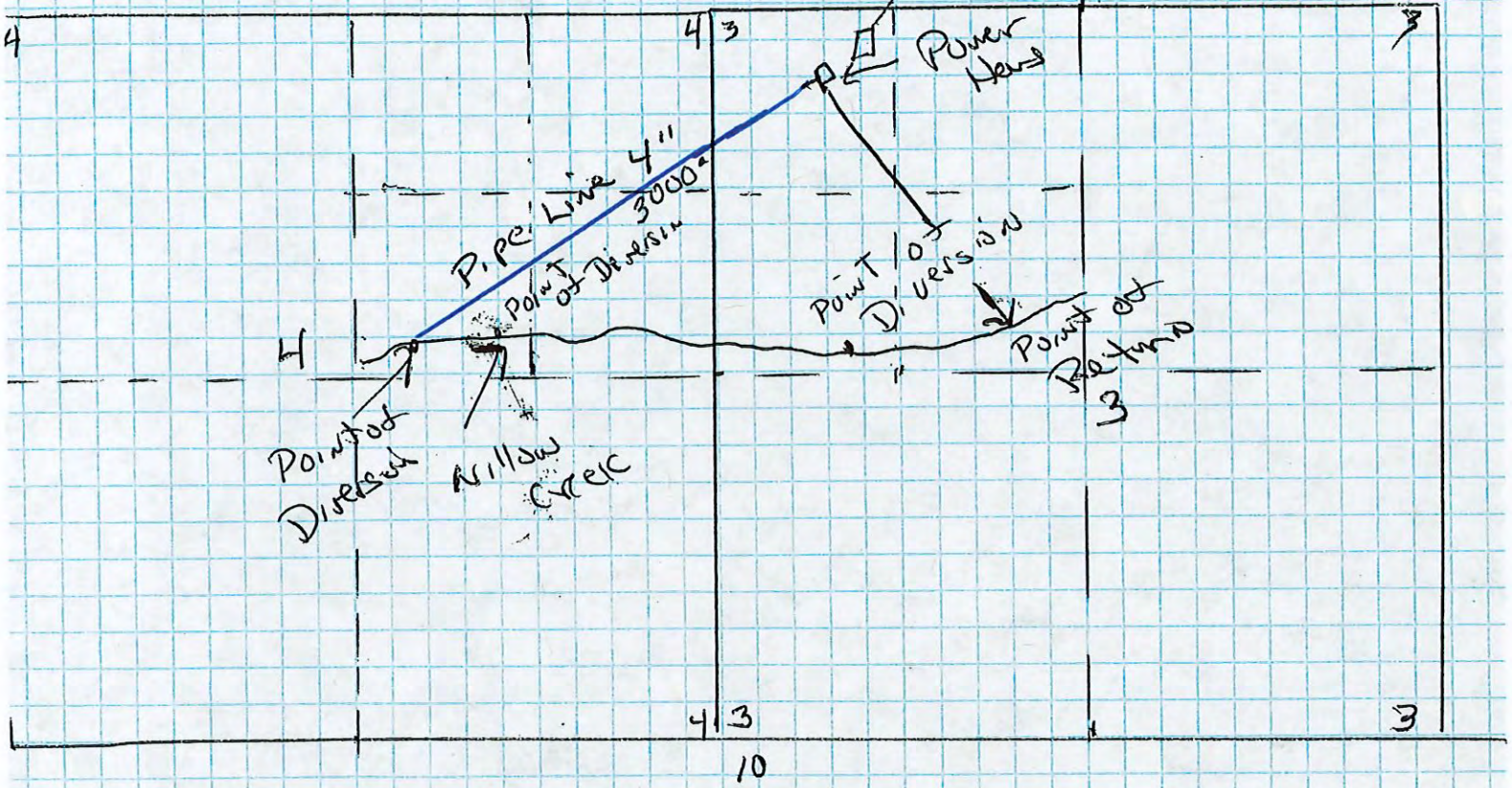
Exhibit ~~A~~ B

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T8s R38E



Brent Kerns Hydro Application Map

June 2021

Line 3000 FT Long
300 FT of Drop

Exhibit ~~C~~

Untitled Map

Write a description for your map.

Legend

- hydro
- hydro feed

hydro power house

4052'

4" RVC
Line

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hydro head

4354'

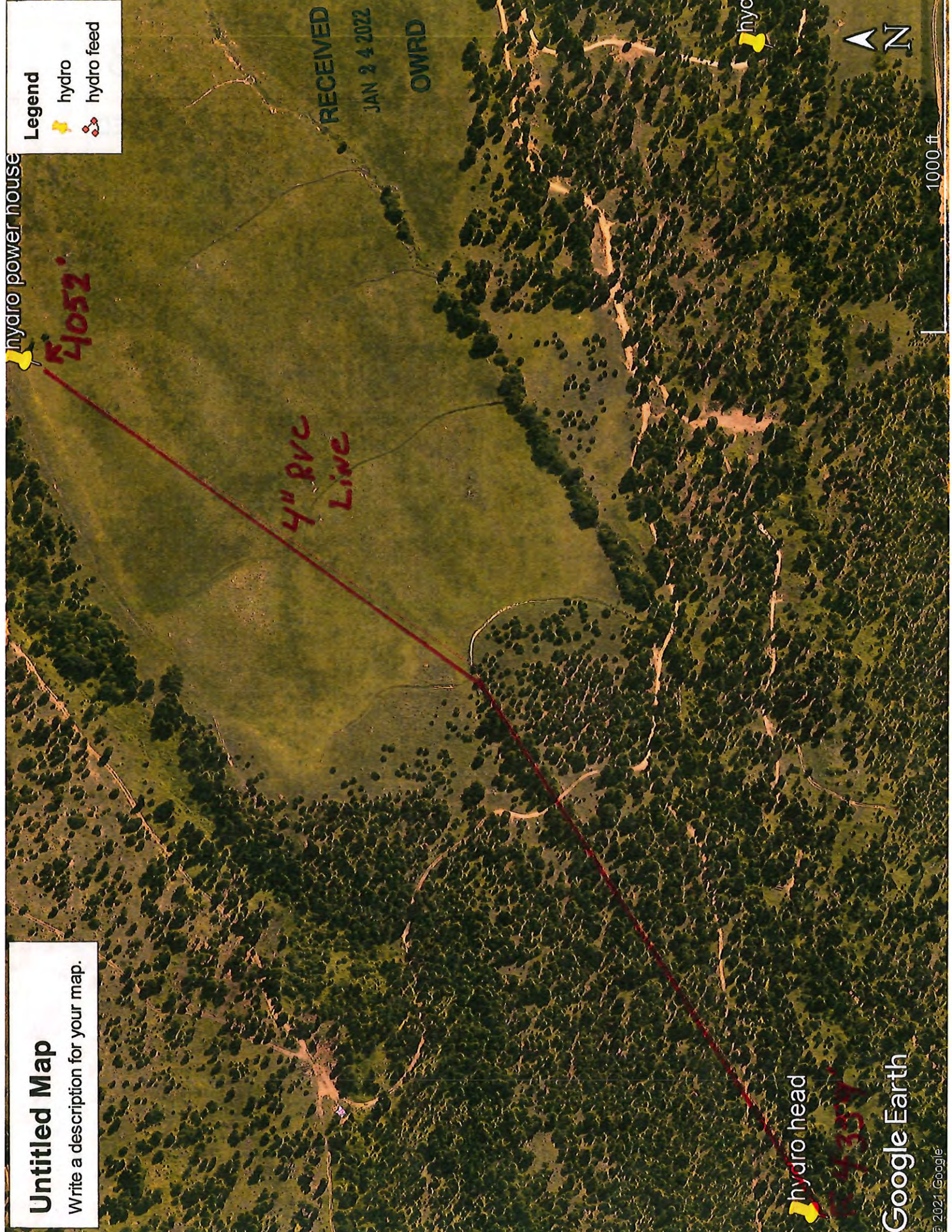
hydro



Google Earth

© 2021 Google

1000 ft



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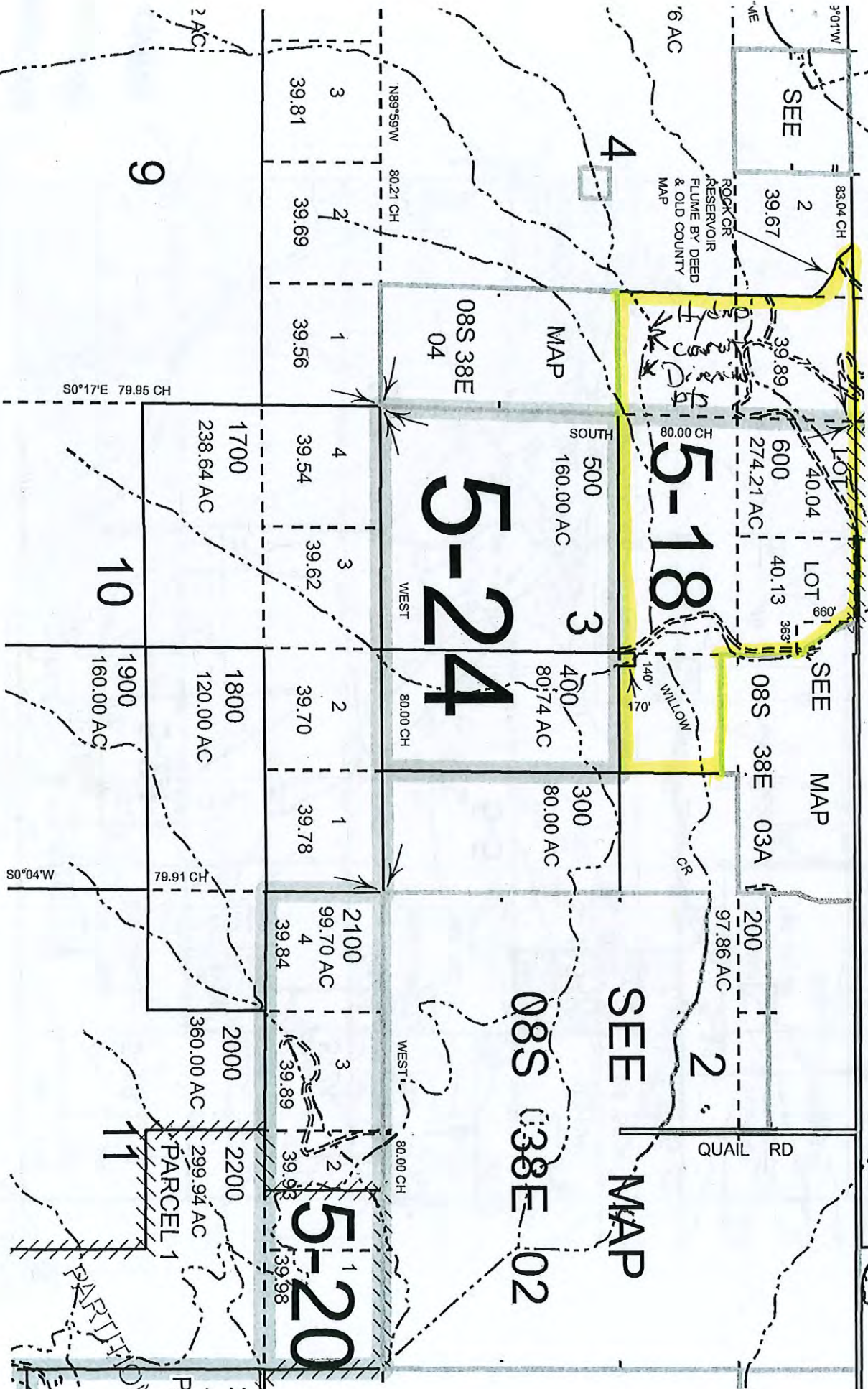
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SEE MAP 07S 38E

BAKER COUNTY

T.8S. R.38E. W.M.

1" = 2000'



5-24

5-18

5-20

10

9

08S 38E 02

08S 38E 04

08S 38E 03A

2000 2200 299.94 AC

1700 238.64 AC

500 160.00 AC

400 80.74 AC

300 80.00 AC

2100 99.70 AC

2000 360.00 AC

200 97.86 AC

600 274.21 AC

39.81

39.69

39.56

39.54

39.62

39.70

39.78

39.84

39.89

39.93

39.98

39.67

39.89

40.04

40.13

40.13

97.86 AC

S0°17'E 79.95 CH

S0°04'W 79.91 CH

N89°59'W 80.21 CH

SOUTH

WEST

WEST

WEST

ROCK CR RESERVOIR
FLUME BY DEED
& OLD COUNTY
MAP

SEE MAP

SEE MAP

ADJACENT PARCEL

QUAIL RD

ROCK CR RESERVOIR
FLUME BY DEED
& OLD COUNTY
MAP

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THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

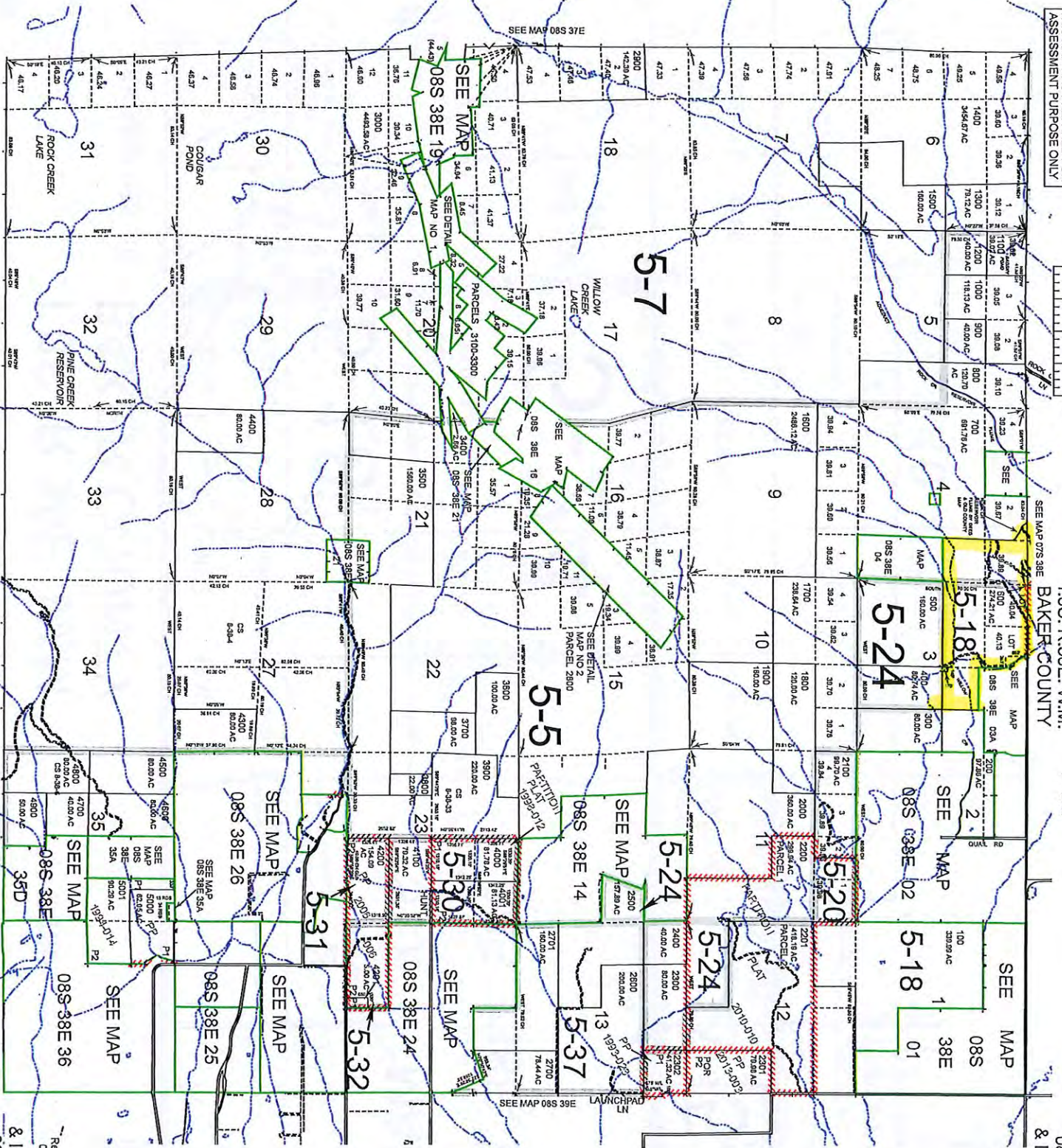
0 1000 2000 3000 4000 Feet

T8S, R38E, W.M.
BAKER COUNTY

1" = 2000'

08S38E
& INDEX

Cancelled
2203
3500M1
700M1



Revised MA
08/17/2018
& INDEX
08S38E

Exhibit U

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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Applicant: L. Brent Kerns
First Last

Mailing Address: 45298 Pocahontas rd
Haines Or 97033 Daytime Phone: 541 403 1212
City State Zip

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:
BS	30E	3	SE4NE4		EFU	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	
BS	30E	3	NW4NW4		EFU	<input type="checkbox"/> Diverted	<input 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:

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 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) Willow creek

Estimated quantity of water needed: 50 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 Hydro power

Briefly describe:

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. →

For Local Government Use Only

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The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): BCZO 410.02(A)(1)

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:	
		<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
		<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 subject property (TL 600 of 08s38) was approved for an agricultural building via AG-20-287 on 10/13/2020.

Name: Jara L. Micka Title: Planner
Signature: Jara L. Micka Phone: 541-523-8219 Date: 6/25/21
Government Entity: Baker Co. Planning Department

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: _____

STATE OF OREGON

COUNTY OF BAKER

CERTIFICATE OF WATER RIGHT

Exhibit B

THIS CERTIFICATE ISSUED TO

BLANCHE MCCULLOUGH
HAINES OR 97833

confirms the right to use the waters of ROCK AND WILLOW CREEKS, TRIBUTARIES OF POWDER RIVER FOR IRRIGATION OF 20.0 ACRES FROM ROCK CREEK AND SUPPLEMENTARY SUPPLY FROM WILLOW CREEK FOR 118.0 ACRES.

This right was confirmed by decree of the Circuit Court of the State of Oregon for Baker County. The decree is of record at Salem, in the Order Record of the STATE WATER BOARD of the State of Oregon, in Volume 6, at Page 291. The dates of priority are 1904 FOR IRRIGATION FROM ROCK CREEK FOR 20.0 ACRES AND 1884 FOR SUPPLEMENTARY SUPPLY FROM WILLOW CREEK FOR 118.0 ACRES.

The amount of water to which this right is entitled is limited to an amount actually beneficially used for said purposes, and shall not exceed 1/40 of one cubic foot per second per acre; and shall be subject to all other conditions and limitations contained in said decree.

A description of the place of use is as follows:

ROCK CREEK						
Twp	Rng	Mer	Sec	Q-Q	Acres	Priority
8 S	38 E	WM	3	S1/2 SW NE	20.0	1904

WILLOW CREEK						
Twp	Rng	Mer	Sec	Q-Q	Acres	Priority
8 S	38 E	WM	3	NE NE	40.0	1884
8 S	38 E	WM	3	NW NE	38.0	1884
8 S	38 E	WM	3	N1/2 SW NE	20.0	1884
8 S	38 E	WM	3	S1/2 SW NE	20.0	1884

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This certificate correctly describes that portion of the water right confirmed by Certificate 4341, State Record of Water Right Certificates, NOT modified by the provisions of an order of the Water Resources Director entered September 13, 1978, approving Transfer Application T-3000, and supersedes Certificate 46852.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 541.610 pertaining to forfeiture or abandonment.

Exhibit B

STATE OF OREGON

COUNTY OF BAKER

CERTIFICATE OF WATER RIGHT

This is to Certify, That PETE: HANSEN

of Haines, State of Oregon, has a right to the use of the waters of Rock Creek and Willow Creek, tributary of Powder River for the purpose of the irrigation of 56 acres of land

and that said right has been confirmed by decrees of the Circuit Court of the State of Oregon for Baker County, and the said decrees entered of record at Salem, in the Order Record of the STATE WATER BOARD of the State of Oregon, in Volume 6, at page 291.; that the priority of the right thereby confirmed dates from 1902 for Tract No. 1 and 1883 for Tract No. 2

that the amount of water to which such right is entitled, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 1/40 of one cubic foot per second per acre; and shall be subject to all other conditions and limitations contained in said decrees.

A description of the lands irrigated under such right; and to which the water is appurtenant (or, if for other purposes, the place where such water is put to beneficial use), is as follows:

Tract No. 1 from Rock Creek: 12 acres in the Northwest quarter of Southwest quarter of Section Thirty-four, Township Seven South, Range Thirty-eight East of Willamette Meridian, in Baker County, Oregon.

Tract No. 2 from Willow Creek: 35.5 acres in the Northwest quarter of Northwest quarter and 8.5 acres in the Southwest quarter of Northwest quarter of Section Three, Township Eight South, Range Thirty-eight East of Willamette Meridian, in Baker County, Oregon.

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The right to the use of the water for irrigation purposes is restricted to the lands or place of use herein described.

WITNESS the seal and signature of the State Water Board, affixed this 15th day of February, 1923

STATE WATER BOARD

(Seal of State Water Board)

By PERCY A. CUPPER, State Engineer, President

Attest:

R. W. POTTER, Secretary

Recorded in State Record of Water Right Certificates, Volume 5, page 4192.

Name and Postoffice Address of Appropriator	Date of Relative Priority	Amount Cubic Feet Per Second	Number Acres	Use	Name of Ditch	Stream	Description of Land or Place of Use
447 Canceled Sp. Ord. Hansen, Andrew Sumpter, Oregon	1907 <i>Superseded by Sp. Ord.</i>	<i>Vol. 45 Pg. 355</i>	18	Irrigation	Farmers	Powder	5 acres in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 20 13 acres in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 21 T 10 S., R. 38 E., W. M.
4192 Hansen, Peter Haines, Oregon	1902 1883		12 44	Irrigation Irrigation	Hansen-Stewart McGalloch & W. A. Green	Rock Creek Willow Creek	12 acres in NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34 T 7 S., R. 38 E., W. M. 35.5 acres in NW $\frac{1}{4}$ NW $\frac{1}{4}$ 8.5 acres in SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 3 T 8 S., R. 38 E., W. M.
4473 CANC SPOR Harrington, J. H. B. & Grace B. Harrington Keating, Oregon	1885 1888	406 <i>See Cert 74042, 74041</i>	91 41	Irrigation	Euele Powder River Dam & Con. Company	Powder	40 acres in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 1 T 8 S., R. 41 E., W. M. 15 acres in NW $\frac{1}{4}$ SW $\frac{1}{4}$ 32 acres in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 2 acres in SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 6 40 acres in NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 7 T 8 S., R. 42 E., W. M. 3 acres in NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 12 T 8 S., R. 41 E., W. M.
4194 Harris, J. A. Baker, Oregon	Nov. 9 1893		1	Irrigation	Kastner- Levens & Baldeck Slough	Powder	Lots 1 & 2 Block 23, Levens Addition to Baker, Oregon
4195 Harrison, Geo. T. North Powder, Oregon	1899		4	Irrigation	Nice & Simonis	Wolf Creek	4 acres in NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 13 T 6 S., R. 38 E., W. M.
4196 Harrison, Harvey Baker, Oregon (Finding #32 to 81inc.)	1871		320	Irrigation	Harrison #20 & 21	Powder	40 acres in NE $\frac{1}{4}$ NW $\frac{1}{4}$ 40 acres in NW $\frac{1}{4}$ NW $\frac{1}{4}$ 40 acres in SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40 acres in SE $\frac{1}{4}$ NW $\frac{1}{4}$ 40 acres in NE $\frac{1}{4}$ SW $\frac{1}{4}$ 40 acres in NW $\frac{1}{4}$ SW $\frac{1}{4}$ 40 acres in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 40 acres in SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 17 T 8 S., R. 40 E., W. M.
4197 Heart, John & Mary Keating, Oregon	1894		16	Irrigation	Tucker	Gosse Creek	4 acres in NE $\frac{1}{4}$ NE $\frac{1}{4}$ 4 acres in NW $\frac{1}{4}$ NE $\frac{1}{4}$ 40 acres in SW $\frac{1}{4}$ NE $\frac{1}{4}$ 4 acres in SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8 T 8 S., R. 43 E., W. M.

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Residential Septic Site Evaluation Approval

250-20-000211-EVAL

DEQ Pendleton Office
800 SE Emigrant
Suite 330
Pendleton, OR 97801
541-276-4063
Fax: 541-278-0168
OnsitePendleton@deq.state.or.us
Website: oregon.gov/deq

Date issued: 11/16/2020
Application status: Site Evaluation Approved
Work description: Kerns - Site Evaluation

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Applicant: Brent Kerns
Address: 45298 Pocahontas rd
Haines OR 97833
Phone: 5414031212
Email: kdiamondbrent@gmail.com

Owner: Brent Kerns
Address: 45298 POCAHONTAS RD
HAINES OR 97833

Property address: 0 Willow Creek Ln, Haines, OR
97833

Parcel: 08S38E03600 - Primary **Township:** 8S **Range:** 38E **Section:** 3

Lot size: 278 ac **Water supply:** Well
Zoning: N/A **City/County/UGB:** N/A
County: Baker

Directions to Property: Through the gate at the end of willow creek ln. go over the ditch, turn left through gate. follow fence on the right until reaching site

Proposed use of structure: home
Category of construction: Single Family Dwelling

General Specifications

Max peak design flow: 450 gpd. **Proposed gallons per day:** 300 gpd.
Min septic tank volume: 1000 gal. **Min dosing tank volume:** N/A
Comments: Site meets minimum requirements for Geographic Area Special Consideration, due to size and its location E of the Cascades with less than 20 inches mean annual precipitation (OAR 340-071-0400(6))

System Specifications

System type:	Initial System	Replacement Area
System distribution type:	Standard	Standard
Distribution method:	Serial	Serial
	Serial	Serial

Trench Specifications

Trench linear feet:	Initial System	Replacement Area
	225 linear ft.	225 linear ft.
Max depth:	30 in.	30 in.
Min depth:	24 in.	24 in.

Special Requirements

Groundwater type:	Initial System	Replacement Area
	Not Applicable	Not Applicable
Drainfield type:	Standard	Standard

CALL BEFORE YOU DIG...IT'S THE LAW

ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth by Oregon Administration Rules. You may obtain copies of the rules by calling the center. (Note: The telephone number for the Oregon Utility Notification Center is 1-800-332-2344.)

<p>Date Issued: 11/16/2020</p> <p>Application status: Site Evaluation Approved</p> <p>Work description: Kerns - Site Evaluation</p>

Drainfield sizing:	75 linear ft/150 gal.	75 linear ft/150 gal.
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THIS IS NOT YOUR PERMIT. A Construction/Installation permit is required before you construct your system. Please contact this office when you are ready to apply for a construction/installation permit. We cannot sign off on any Building Codes forms until we issue your permit.

This site approval runs with the land and will automatically benefit subsequent owners. This site approval is valid until the approved system is constructed under a DEQ construction permit or unless the site is altered without approval from this office. Alterations/excavations/lot line adjustments made to the site, or placement of wells or utilities, etc., may invalidate this approval

If you disagree with the decision of this report, you may apply for a site evaluation report review. The application for a site evaluation report review must be submitted to DEQ in writing within 60 days after the site evaluation report issue date and must include the site evaluation review fee in OAR 340-071-0140 Table 9A. A senior DEQ staff person will be assigned the site evaluation report review application.

You may apply for a variance to the onsite wastewater treatment system rules. The variance application must include a copy of the site evaluation report, plans and specifications for the proposed system, specify the rule(s) to which a variance is being requested, demonstrate the variance is warranted, and include the variance fee in OAR 340-071-140 Table 9C. A variance may only be granted if the variance officer determines that strict compliance with a rule is inappropriate or special physical conditions render strict compliance unreasonable, burdensome or impractical. A senior DEQ variance officer will be assigned the variance application.

Connie Schrandt

Onsite Wastewater Specialist

RECEIVED

11/16/20

JAN 24 2022

OWRD

CALL BEFORE YOU DIG...IT'S THE LAW

ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth by Oregon Administration Rules. You may obtain copies of the rules by calling the center. (Note: The telephone number for the Oregon Utility Notification Center is 1-800-332-2344.)

Department of Environmental Quality
LAND USE COMPATIBILITY STATEMENT (LUCS)
for Onsite Wastewater Treatment System Permits

OWRD



State of Oregon
 Department of
 Environmental
 Quality

WHAT IS A LUCS? The Land Use Compatibility Statement is the process used by the DEQ to determine whether DEQ permits and other approvals affecting land use are consistent with local government comprehensive plans. The LUCS form is included in the onsite permit application approval packet.

WHY IS A LUCS REQUIRED? Oregon law requires state agency activities that impact land use be consistent with local comprehensive plans and land use regulations. Oregon Administrative Rules (OAR) Chapter 340, Division 18 identifies agency activities or programs that significantly affect land use and the process for ensuring consistency.

WHEN IS A LUCS REQUIRED? A LUCS is required for nearly all DEQ permits, registrations under general permits, and certain other approvals and certifications that affect land use. **This form only applies to onsite wastewater treatment system permits and activities.** *WPCF applicants must complete DEQ's General LUCS form.*

HOW TO COMPLETE A LUCS:

Step	Who Does It	What Happens
1	Applicant	Completes Section 1 of the LUCS and submits it to the appropriate city or county planning office.
2	City or County Planning Office	Completes Section 2 of the LUCS by determining if the activity or use meets all local planning requirements, and returns to the applicant the signed and dated LUCS form <u>with findings of fact for any local reviews or necessary planning approvals.</u>
3	Applicant	Includes the completed LUCS with <u>findings of fact</u> with the DEQ permit or approval submittal application to the DEQ.

A permit cannot be issued if the proposed facility does not comply with all applicable local land use requirements. The applicant is responsible for working with the local planning office to comply with land use requirements.

WHERE TO GET HELP: Questions about the LUCS process can be directed to the region staff responsible for processing the onsite permits. Headquarters and regional offices may also be reached using DEQ's toll-free telephone number 1-800-452-4011.

CULTURAL RESOURCES PROTECTION LAWS: Applicants involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction, or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking, to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.