Application for a Permit to Use

Ground Water

Applicant Information



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

NAME				PHONE (HM)
RANDY AND LINDA JOSEPH				
PHONE (WK)	CE	LL		FAX
541-894-2347	54			
ADDRESS				
37123 HANSEN LANE				
CITY	STATE	ZIP	E-MAIL*	
BAKER CITY	OR	97814	RANDY@JOSEPHMILLW	ORKS.COM
Organization Information				
NAME			PHONE	FAX
ADDRESS				CELL
		1	T	
CITY	STATE	ZIP	E-MAIL*	
Agent Information – The agent is authorized	to repre	esent the ap	plicant in all matters relation	ng to this application.
AGENT / BUSINESS NAME			PHONE	FAX
NANCY RORICK, RG, CWRE, NANCY RORICK	Consui	LTING	541-519-3644	
ADDRESS				CELL
645 L LOOP				
CITY	STATE	ZIP	E-MAIL*	
BAKER CITY	OR	97814	NRORICK@YAHOO.COM	
Note: Attach multiple copies as needed		•	****	
* By providing an e-mail address, consent	t is give	en to receiv	ve all correspondence fro	om the department
electronically. (paper copies of the final co				F
tronging. (paper copies of me limit				

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.

Anudikant Signature	Print Name and title if applicable	11-27-12 Date
Applicant Signature	LIND A JOSE AH Print Name and title if applicable	11-27-12 Date

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App. No. G-1760 Permit No. Date OWRD SALEM OR

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.☑ This land is encumbered by easements, rights of w	ay, roads or other encumbrances.
□ No		
_	☐ I have a recorded easement or written authorizatio	n permitting access.
	☐ I do not currently have written authorization or eas	sement permitting access.
	Written authorization or an easement is not necess own are state-owned submersible lands, and this a use only (ORS 274.040).	ary, because the only affected lands I do no
	☐ Water is to be diverted, conveyed, and/or used on	ly on federal lands.
List the	names and mailing addresses of all affected landowne	ers (attach additional sheets if necessary).
<u>n/a</u>		

SECTION 3: WELL DEVELOPMENT

ELEVATION CHANGE	
NAME OF NEAREST DISTANCE TO NEAREST BETWEEN NEAREST SURFACE WATER WATER AND WELL HEAD	
n Creek 0.30 miles 42 feet	
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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).

The proposed well is located within one mile of Sutton creek. Therefore, the well is subject to Division 9 rules on groundwater interference. The well will be continuously cased and continuously sealed to a depth of 100 hundred feet to avoid groundwater interference. If a significant clay layer is encountered at a shallower depth and if this clay layer is underlain by a water bearing unit; the permit holder or his representative will contact the Oregon Water Resources Department and request permission to screen the well in the water bearing unit. See section 10 for a discussion of geology.

 Source (aquifer), if known: Interbedded sand and gravel units in Miocene age fluvial and lake sediments

Total maximum rate requested: <u>0.41 CFS (184 gpm)</u> (<u>each well</u> will be evaluated at the maximum rate unless you indicate <u>well-specific rates</u> and <u>annual volumes</u> in the table below).

Complete the table below. If this is an existing well, the following 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.

			V Educadorida	19		5 - 4 5 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2		AND ASSAULT FAST ASSESSMENT	PROPOSED USE				
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG	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)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1	\boxtimes		300		8-10 inches		T-1.00	3		Interbedded sand and gravel unit	100 feet+	184	73.5
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^{*} 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.

Revised 2/1/2012 Ground Water/5 WR

^{**} 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: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	May 1 through September 30	3 acre feet per acre or a total of 73.5 acre feet

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	irriga	tion	use	on	lv:

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

Primary: 24.5 Acres

Supplemental: 0 Acres

List the Permit or Certificate number of the underlying primary water right(s): n/a

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 3 acre feet per acre or a total

of 73.5 acre feet

- If the use is municipal or quasi-municipal, attach Form M
- If the use is **domestic**, indicate the number of households: <u>n/a</u>

If the use is mining, describe what is being mined and the method(s) of extraction: n/a

SECTION 5: WATER MANAGEMENT

	T	1	~
Δ.	Hiversion	ลทส	Conveyance

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

☑ Pump (give horsepower and type): 10 HP submersible

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Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be piped from the well to the field via a 6-inch diameter, 1500-foot long pipeline.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Water will be applied to the field using a 1,400-foot long wheel line The permit applicant is applying for a rate of 1/60th of one cfs per acre (0.41 cfs or 184 gpm). There will be 35 sprinklers on the wheel line spaced forty feet apart. The requested rate would allow 5.26 gpm per sprinkler.

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.

Water will be applied to the crops when needed, and will be based on soil moisture testing. The most water efficient method of irrigation will be used to for the crop being irrigated.

Revised 3/4/2010 G-(760)

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SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (if more than one reservoir, reproduce this section for each reservoir).

Reservoir name: n/a Acreage inundated by reservoir: n/a

Use(s): $\underline{n/a}$

Volume of Reservoir (acre-feet): n/a Dam height (feet, if excavated, write "zero"): n/a

Note: If the dam height is greater than or equal to 10.0' above land surface **AND** the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (if more than one reservoir, reproduce this section for each reservoir).

Annual volume (acre-feet): n/a

USE OF STORED GROUND WATER	PERIOD OF USE
n/a	

SECTION 8: PROJECT SCHEDULE

Date construction will begin: March 1, 2013

Date construction will be completed: May 1, 2013

Date beneficial water use will begin: May 1, 2013

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SECTION 9: WITHIN A DISTRICT

] Check	here	if the	point o	f diver	sion or	place of	of use a	are lo	ocated	within	or s	erved	by an	irrigation	or other	water
dis	strict.																

Irrigation District Name	Address	
n/a		
City	State	Zip

SECTION 10: REMARKS

Remarks are attached.

Revised 3/4/2010 Ground Water/7 WR

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

NOTE TO APPLICANTS

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

This form is NOT required if:

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

NOTE TO LOCAL GOVERNMENTS

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

Revised 3/4/2010 G-1769 Ground Water/8 WR

Land Use Information Form



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

Applicant:	Randy and	l Linda					Joseph	l	
			First				Last		
Mailing Ad	ldress: <u>3712</u>	23 Hanser	n Lane						
Baker City	City			OR State	2 97814 Zip	Daytime Pl	none: <u>541-42</u>	9-3284	
A. Land	and Loca	ation							
Please inclu (transported	ude the follo	owing inf sed or de	veloped. Ap	pplicants for	s where water will be municipal use, or irri	gation uses w	ithin irrigatio		
Township	Range	Section	1/4 1/4	Tax Lot#	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
10S	40E	11	NE NE	2200	EFU	☑ Diverted	□ Conveyed	☑ Used	Farm
108	40E	11	SE NE	2200	EFU	☑ Diverted	□ Conveyed	☑ Used	Farm
10S	40E	12	NW NW	2200	EFU	☑ Diverted	□ Conveyed	☑ Used	Farm
10S	40E	12	SW NW	2200	EFU	☑ Diverted	□ Conveyed	☑ Used	Farm
Baker Co		illes wher	e water is p	Noposed to t	be diverted, conveyed,	and or used			EIVED SALEM O
								HOY	30 2012
B. Descr	iption of	Propos	ed Use						
Type of app Permit to Limited	Use or Stor	e Water	☐ Water	ter Resource Right Transfe tion of Conse		Amendment o	r Ground Wate	r Registrati	on Modificati
Source of v	vater: 🔲 R	eservoir/P	ond 🛛	Ground Wat	er 🔲 Surface Wa	ter (name)			
Estimated of	quantity of	water nee	ded: <u>0.41</u>		⊠ cubic feet	per second	gallons per	minute [acre-feet
Intended us	se of water:	= `	gation	Commerc			Domestic for	househ	old(s)
Briefly des	cribe:	_		_ `		_			
Requesti	ng a groun	dwater r	ermit to in	rigate 24.5	acres.				

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

See bottom of Page 3. \rightarrow

G-17601

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 informatior
--

✓ Land uses to be served by the proposed w regulated by your comprehensive plan. C	rater uses (including proposed construction ite applicable ordinance section(s): 301.		d outright or are not	
☐ Land uses to be served by the proposed w approvals as listed in the table below. (Plalready been obtained. Record of Action.)		n) involve dis and-use appro lings are suff	ovals which have	
Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Lan	d-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued	
			RECEIVED OWRD SALEM	0
Tara Andrews Name: Title: Planner			NOV 30 20	12
Signature Jara Oudrew	Phone: Date	11/2	7/12	
Government Entity: Baker Count	541-523-	8219 '	,	
Note to local government representative: you sign the receipt, you will have 30 days fi Use Information Form or WRD may presume comprehensive plans.	Please complete this form or sign the rece rom the Water Resources Department's no	tice date to red use of water	eturn the completed Land or is compatible with local	
	r Request for Land Use Inform			
Applicant name:				
City or County:	Staff contact:			
Signature:	Phone:	_ Date:		

Revised 3/4/2010

Ground Water/10

WR

Date		
		_

(For staff use only)



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

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

SECTION 2: SECTION 3: SECTION 4: SECTION 5: SECTION 6: SECTION 7: SECTION 8: SECTION 9: Land Use Information Form 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 w is to be used as depicted on the map. Fees MAP 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 well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/number. Indicate the area of use by Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified Number of acres per Quarter/Quarter and tax lot clearly identified		SECTION 1:	
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Township, Range, Section, Quarter/Quarter, Tax Lots Reference corner on map Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/number. Indicate the area of use by Quarter/Quarter and tax lot clearly identified 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)		Even map scale not less than $4" = 1$ mile (example: $1" = 400$ ft, $1" = 1320$ ft	, etc.)
 □ Reference corner on map □ Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/number. □ Indicate the area of use by Quarter/Quarter and tax lot clearly identified □ 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) 		North Directional Symbol	
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corner (distances north/south and east/west). Each well must be identified by a unique name and/number. Indicate the area of use by Quarter/Quarter and tax lot clearly identified 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)		Reference corner on map	
 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) 		corner (distances north/south and east/west). Each well must be identified by	•
supplemental irrigation, or nursery Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)		Indicate the area of use by Quarter/Quarter and tax lot clearly identified	
		•	for primary irrigation,
Other		Location of main canals, ditches, pipelines or flumes (if well is outside of the	e area of use)
Other		Other	

Revised 3/4/2010 G-1760(

m 95 16 134

· Grantors:

MELVIN L. COLLIS and SHIRLEY M. COLLIS

HCR 87 Box 774 Baker City, OR 97814

Grantees:

RANDY JOSEPH and LINDA JOSEPH

HCR 87 Box 800 Baker City, OR 97814

Tax Statements to: RANDY JOSEPH and LINDA JOSEPH

Person authorized to receive this instrument after recording: RANDY JOSEPH and LINDA JOSEPH.

WARRANTY DEED

MELVIN L. COLLIS and SHIRLEY M. COLLIS, husband and wife, grantors, convey and warrant to RANDY JOSEPH and LINDA JOSEPH, husband and wife, grantees, the following described real property free of encumbrances except as specifically set forth herein:

SEE EXHIBIT "A"

TOGETHER WITH the tenements, hereditaments and appurtenances thereunto belonging or appertaining.

SUBJECT TO easements, rights-of-way of record or as the same are located thereon and reservation of minerals unto the State of Oregon, as reserved in an instrument recorded December 3, 1987, in Deed 87 49 005.

The true consideration for this conveyance is \$162,000.00

DATED: April 1995

SHIRLEY M. COLLIS

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

STATE OF OREGON, County of Baker) ss April $\sqrt{9}$, 1995

The foregoing instrument was acknowledged before me by Melvin L. Collis and Shirley L. Collis by Melvin L. Collis as Attoreny-In-Fact. To

OFFICIAL SEAL
TRUDY LARGE
NOTARY PUBLIC-OREGON
COMMISSION NO. 012737
MY COMMISSION EXPIRES JAN. 26. 1996

Notary Public for Oregon

My commission expires: _

1-26-96

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EXHIBIT "A" Page 1 of 2

Land in Baker County, Oregon, as follows:

In Twp. 10 S., R. 40 E., W.M.:

Sec. 1: All that portion of the SW\sW\sk lying South of the Oregon Railway & Navigation Company right of way and East of the following described line:

Beginning at a point S. 59°45'35" E., 1675.6 feet

Beginning at a point S. 59°45'35" E., 1675.6 feet from the intersection of the East right of way line of the County Road with the South right of way line of the Oregon Railway & Navigation Company, in SE\sec. 2, said twp. and rge.;

thence S. 36°14'50" W., 1540.40 feet to a point; thence N. 52°05'45" W., 151.23 feet to a point on the East right of way line of said County Road.

Sec. 11: All that portion of the SNE* and the SSE* lying East of the Easterly right of way line of the County Road.

All that portion of the NENNEN lying Easterly of the Easterly right of way line of the County Road and Southeasterly of the following described line:

Beginning at a point S. 59°45'35" E., 1675.6 feet from the intersection of the East right of way line of the County Road with the South right of way line of the Oregon Railway & Navigation Company, in SEASEA of Sec. 2, said twp. and rge.:

thence S. 36°14'50" W., 1540.40 feet to a point; thence N. 52°05'45" W., 151.23 feet to a point on the East right of way line of said County Road.

All that portion of the N\(\frac{1}{2}\)SE\(\frac{1}{2}\) lying Easterly of the Easterly right of way line of the County Road.

EXCEPTING THEREFROM the following:

Commencing at a point N. 84°33'30" W., 1550.50 feet from the Northeast corner of the SE\sE\s, said point being on the East right of way line of the County Road;

thence S. 89°51' E., 582.33 feet; thence N. 10°57' E., 693.65 feet;

thence N. 74°23' W., 609.72 feet, more or less, to intersect the East right of way line of the County Road;

thence Southerly along said East right of way line to the point of beginning.

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WATER RESOURCES DEPT SALEM, OREGON CORRECT

EXHIBIT "A" Page 2 of 2

Sec. 12: S\u00e4NW\u00e4, NW\u00e4SW\u00e4.

All that portion of the NENNW lying South of the Oregon Railway & Navigation Company right of way.

All that portion of the NWkNWk lying South of the Oregon Railway & Navigation Company right of way and Southeasterly of the following described

Beginning at a point S. 59°45'35" E., 1675.6 feet from the intersection of the East right of way line of the County Road with the South right of way line of the Oregon Railway & Navigation Company, in the SE\(\frac{1}{2}\)SE\(\frac{1}{2}\) of Sec. 2, said twp. and rge.:

thence S. 36°14'50" W., 1540.40 feet to a point; thence N. 52°05'45" W., 151.23 feet to a point on the East right of way line of the County Road.

Section 10 Remarks

Rate Request

The requested rate is 1/60th CFS per acre (0.41 cfs or 184 gpm). This rate is needed in order to operate the 1,400 foot long wheel line that will be used to irrigate the field. The wheel line has 35 sprinklers. The requested rate would provide 5.26 gpm per sprinkler.

Geology

The proposed well is located 0.3 miles south of Sutton Creek and is subject to the Division Nine rules on groundwater interference. The proposed well will be in compliance with Division 9 rules if it produces water from an aquifer that is not hydraulically connected to Sutton Creek. This section provides information on local geology and stratigraphy (as obtained from well logs) that can be used to determine hydraulic connectivity.

Local well logs were obtained from the OWRD online well log query. The locations of these wells were first mapped with GIS, based on the location described on the wells' logs. The locations of these wells were then compared to aerial photographs using GIS. Those wells determined to have incorrect locations based on the aerial photographs were discarded. The consultant then visited the area to verify the location of those wells visible from the road. The well elevations were determined with GIS using USGS Digital Elevations Models (DEMs).

Map 1 shows the locations of the nearby wells and local geology¹. Sutton Creek valley is filled with Quaternary Alluvium (Qal). The surrounding hills are mapped as Miocene aged, unconsolidated lacustrine and fluvial deposits (Tst). The particle size of these sediments ranges from clay to gravel. This unit is laterally extensive and quite thick. A well (Baker County 51846) 1.3 miles south of the proposed well was drilled to a depth of 882 feet without encountering the base of the formation. The well logs show that the Miocene sediments consist of interbedded layers of clay, sand, and sand and gravel. Photo 1 was taken at a quarry upslope of the proposed well location. It shows the contact between a clay bed and a sand and gravel bed.

Table 1 is a summary of the local well logs; figure 1 is a cross section drawn from three of the well logs. The cross section and well logs show clay layers within the same elevation range as the proposed well. This suggests that if the well is drilled to a depth of 100 feet it would penetrate one of these clay layers which would serve to isolate the well from the stream.

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¹ Ma, et al., 2009, Oregon Geologic Data Compilation Release 5 (Statewide), Oregon Department of Geology and Mineral Industries, on CD.

Section 10 Remarks

Table 1 List of nearby wells. Well locations are shown on Map 1.

Well Log Number	Elevation at land surface	Distance and direction from proposed well	Depth water found	Description of stratigraphy
Baker County 1352	3,651 feet	2,230 feet to the northeast	20 feet	Clay from 0 to 20 feet; sand and gravel, and sand from 20 to 37 feet; sandy clay and clay from 37 to 90 feet; and gravel from 90 to 105 feet.
Baker County 1353	3,686 feet	2,730 feet to the northeast	45 feet	Soil from 0 to 30 feet; hard clay from 30 to 41 feet; gravel, fine sand, and sand and gravel from 41 to 80 feet.
Baker County 1367	3,655 feet	2,400 feet to the northeast	20 feet	Soil from 0 to 8 feet; clay from 8 to 20 feet; sand and gravel, and sand and clay from 20to 70 feet; clay from 70 to 131 feet; and gravel from 131 to 140 feet
Baker County 2017	3,718 feet	1,780 feet to the southwest	68 feet	Soil from 0 to 20 feet; sand, gravel and clay from 20 to 68 feet; water bearing sand and gravel from 68 to 72 feet; and clay from 72 to 75 feet
Baker County 52238	3,626 feet	2,951 feet to the northwest	20 feet	Soil from 0 to 2 feet; clay from 2 to 20 feet; sand and gravel, and gravel and clay from 20 to 92 feet; clay from 92 to 115 feet; and alternating layers of sand, sand and gravels and clay stone to 400 feet.

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Photo 1 Taken at a quarry upslope of the proposed well (location on Map 10. The photograph shows the contact between the clay and sand / gravel beds in the Miocene sediments.



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

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

tate Well No.

State Permit No.

(1) OWNER:	(10) LOCATION OF WELL:	_
Name Roy Saul	County Baker Driller's well n	umber
Address 37/0 Grace ST	SW 14 SW 14 Section / T./05	
Baker Ore 978/4		(1100)
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivis	O C
New Well Deepening □ Reconditioning □ Abandon □ .	250 N + 1000 2 81 3 W	Carner Sec 1
If abandonment, describe material and procedure in Item 12.		·
	(11) WATER LEVEL: Completed w	vell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 20	ft.
Rotary Driven Domestic Industrial Municipal	Static level 20 ft. below land	
Cable Jetted Irrigation Test Well Other		
Dug Hored Hilliamon Test wen 2 office	Artesian pressure lbs. per squar	re inch. Date
CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well	
8 " Diam. from 0 ft. to 105 ft. Gage 2.50		below casing
ft. toft. Gage	Depth drilled /05 ft. Depth of comp	leted well /0.5 ft.
"Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size	and structure of materials;
Dillio atom commences at the commences a	and show thickness and nature of each stratu with at least one entry for each change of forms	m and aquifer penetrated,
PERFORATIONS: Perforated? Yes No.	position of Static Water Level and indicate prin	
Type of perforator used Torch	MATERIAL	From To SWL
		
	70p Soi/	0 6
40 perforations from 80 ft. to 105 ft.	Brown Clay	6 20
perforations fromft. toft.	Jand + Cravel	70 33
perforations from ft. to ft.	Sand .	33 37
(7) SCREENS: Well screen installed? Yes No	Sandy Blue Clay	37 70
Manufacturer's Name	Light Blue Clay	70 90
Type Model No.	<u> </u>	96 /05
Diam. Slot size Set from ft. to ft. Diam. Slot size Set from ft. to ft.		
Diam. Store size annual Set Holl		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	WPAPIAED	RECEIVED
TOWELER DELOW BILLIE TOYEL	IIIN T STOZO AV	VRO SALEM OR
Was a pump test made? Yes No If yes, by whom?		110 011221
gal./min. with ft. drawdown after hrs.	NATER RESOURCES CEPT	100 00 3413
H H	SALEM. OREGON	MOX DO CALL
" "		
Bailer test 22 gal./min. with 3/ ft. drawdown after / hrs.		
Artesian flow g.p.m.	The state of the s	
		46 7 77
perature of water Depth artesian flow encountered ft.	Work started 10 - 19 1977 Complete	
(9) CONSTRUCTION:	Date well drilling machine moved off of well	11-26 1977
Well seal-Material used Cement	Drilling Machine Operator's Certification:	
Well sealed from land surface to	This well was constructed under my	direct supervision
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief	above are true to my
Diameter of well bore below seal	Sest knowledge and being	
Number of sacks of cement used in well seal	[Signed] (Drilling Machine Operator)	Date
	Drilling Machine Operator's License No.	671
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:	٠,
of waterlbs./100 gals,	This well was drilled under my jurisdi	iction and this report is
Was a drive shoe used? Yes No Plugs Size: location ft.	true to the best of my knowledge and bel	ief.
Did any strata contain unusable water? \(\begin{align*}\text{Yes} \overline{\text{No}}\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Name Melvin L. Copley	·
	Address 30x 27 Sumpler 5	tage R. 6. Org
Type of water? depth of strata	Address 30x 27 Sumpter S	1298 BIKEN (INC
Method of sealing strata off	[Signed] Melon L	blech
Was well gravel packed? [Yes X No Size of gravel:	(Water Well Cont	actor)
Gravel placed from ft. to ft.	Contractor's License No. 536 Date	2/1-77 19
(USE ADDITIONAL SH		SP*45656-119

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report E C E WYTER VELL REPORT
are to be filed with the

ASTATE OF OREGON

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

MAY 18 19 (Hease type or print) WATER RESOURGES DERTove this line)

State Well No. 103/40E-1CC

SP*45656-119

State Permit No. ..

SALEM. OREGON			
(1) OWNER:	(10) LOCATION OF WELL: County Baker Driller's well is		
DALD WALL Bakan Da			
Address P. 0: 130x 441, 120 Ker, Ur.		S R. 40 2	<u>W.M.</u>
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivi-		<u> </u>
New Well Z Deepening Reconditioning Abandon	40' EAST OF SW CON	ier of	
If abandonment, describe material and procedure in Item 12.			
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed		
Determine D. Dutterm D.	Depth at which water was first found	45	ft.
Cable Jetted Domestic Tindustrial Municipal	Static level / ft. below land	surface. Date	<u> 28-2</u> 8
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per squa	are inch. Date	•
CASING INSTALLED: Threaded Welded W	(12) WELL LOG: Diameter of well Depth drilled		<u></u>
"Diam. from ft. to ft. Gage		. 01	<u>ft.</u>
	Formation: Describe color, texture, grain size and show thickness and nature of each strat	tum and aquifer pe	enetrated.
PERFORATIONS: Perforated? We yes I No.	with at least one entry for each change of form position of Static Water Level and indicate pr	ation. Report each	change in
	-		
	MATERIAL .	From To	swL
Size of perforations 1/4 in. by 3 in. perforations from 4/2 ft. to 4/2 ft.	Hard Clov	0 30	
	Coanse Gravel	41 50	
perforations from	fine SANA	50 52	,
	SAND & Chavel	53 80	
(7) SCREENS: Well screen installed? Yes No			
Manufacturer's Name			
Type Model No.	<u> </u>		-
Diam. Slot size Set from ft. to ft. Diam. Slot size Set from ft. to ft. to ft.	RECEIVED		· .
	WEOLIAED	RECEIVE	0
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	MAY 1 8 1979	UWRO SALE	MOR
Was a pump test made? ☑ Yes ☐ No If yes, by whom? Se/4			
Yield: 20 gal./min. with 0 ft. drawdown after 24 hrs.	V:ATER RESOURCES DEF	NOV 30	7317
" " "	SALEM, OREGON	1 1 1 1 1 1	1.4
" " " " " " " " " " " " " " " " " " " "		-	
Bailer test gal./min. with ft. drawdown after hrs.		-	
Artesian flow g.p.m.			
perature of water 40 Depth artesian flow encountered ft.	Work started 6 - 29 19 7 Comple	eted 7-2	19 2 8
(9) CONSTRUCTION:	Date well drilling machine moved off of well	7-5	19 7 8
Well seal—Material used Gement	Drilling Machine Operator's Certification	1:	
Well sealed from land surface to	This well was constructed under my	y direct super	
Diameter of well bore to bottom of seal in.	Materials used and information reported best knowledge and belief	l above are true	to my
Diameter of well bore below seal		Date 2-/5	.19 5 8
Number of sacks of cement used in well seal	(Drilling Machine Operator)	# 00 Bo	N/CZ
How was cement grout placed? Poured	Drilling Machine Operator's License No.		
Control of the Contro	Water Well Contractor's Certification:		
The second secon	This well was drilled under my jurisc		eport is
Was a drive shoe used? M Yes □ No Plugs Size: location ft.	true to the best of my knowledge and be		•
Did any strata contain unusable water? Yes No	Name Roy R Saul	(Type or pri	nt)
Type of water? depth of strata	Address PO Box 441		
Method of sealing strata off	000	, 0	
Was well gravel packed? Yes No Size of gravel:	[Signed] (Water Well Con	tractor)	•
Gravel placed from	Contractor's License No Date	7-15	, 19. 2 .8

(USE ADDITIONAL SHEETS IF NECESSARY)

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

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON

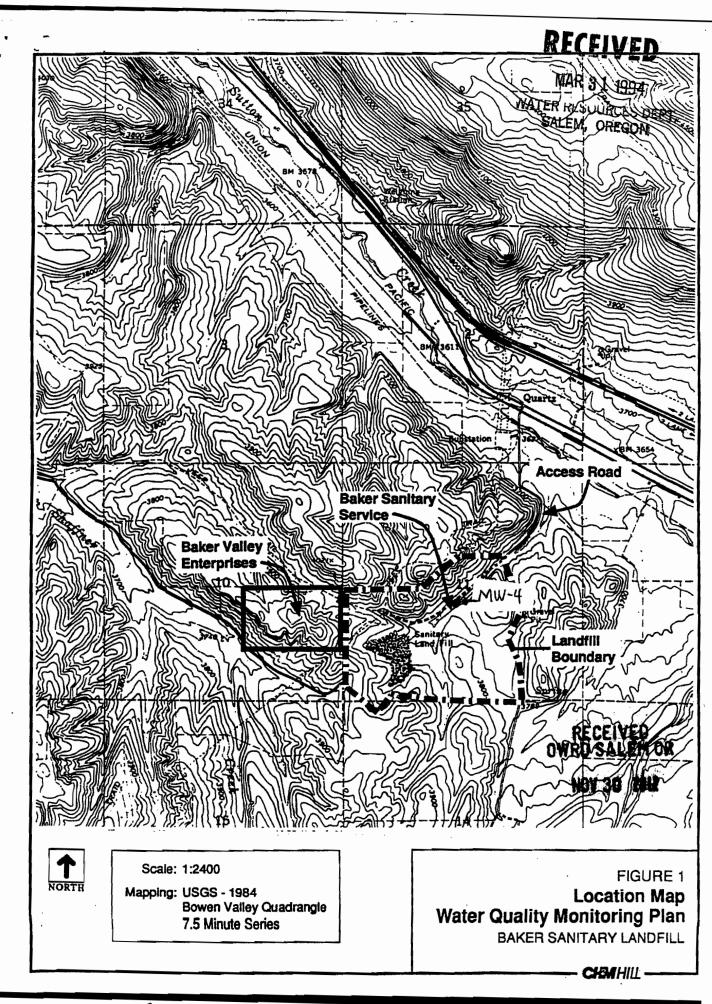
(Please type or print) (Do not write above this line)

The Mental	Well No. 105/40E -1256
	The state of the s
State	Permit No.

(10) LOCATION OF WELL: (1) OWNER: County Baker Driller's well number Name NW 14 NW 14 Section /2 T./OS R. 40 E W.M. Address Bearing and distance from section or subdivision corner /500'W (2) TYPE OF WORK (check): 4 1000 5 of NW corner New Well Deepening [Reconditioning 🔲 Abandon 🔲 If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Driven 🛘 Static level 12'6" Domestic | Industrial | Municipal | ft. below land surface. Date Cable Jetted Irrigation 🗶 Test Well 🔲 Other Dug Bored | Artesian pressure lbs. per square inch. Date CASING INSTALLED: Threaded | Welded | (12) WELL LOG: Diameter of well below casing . 8 " Diam from ... O ... tt. to ... 50 tt. Gage De250 Depth drilled /40 / 140 ft. ft. Depth of completed well 6 " Diam from 26 ft to 140 ft Gage 0.250 Formation: Describe color, texture, grain size and structure of materials: ..." Diam, from ft. to ft. Gage and show thickness and nature of each stratum and aquifer penetrated. with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. PERFORATIONS: Perforated? Yes No. Type of perforator used Torch MATERIAL in. by 00501 Size of perforations 150 perforations from 140 20 Sand y Gratel 20 37 perforations from ft. to perforations from 70 104 (7) SCREENS: Well screen installed? Yes No 04 13/ Manufacturer's Name ... ___ Model No. . Diam. Slot size Set from Diam. Slot size Set from ft. to Drawdown is amount water level is lowered below static level (8) WELL TESTS: JUN**1**81979 RECEIVE WATER RESOURCES DEPRWED SA Was a pump test made? Yes \[\] No If yes, by whom? 100 gal./min. with 50 ft. drawdown after hrs. SALEM. OREGON **WOY 30** 3.77 gal./min. with Bailer test ft. drawdown after rtesian flow perature of water 48 Depth artesian flow encountered 9 -20 1977 Completed 10-15 1979 Work started Date well drilling machine moved off of well (9) CONSTRUCTION: Drilling Machine Operator's Certification: Well seal-Material used ... This well was constructed under my direct supervision. 20 Well sealed from land surface to Materials used and information reported above are true to my best knowledge and belief. Diameter of well bore to bottom of seal ... [Signed] Met via Checker Date 12-1-, 1977 Diameter of well bore below seal Number of sacks of cement used in well seal Drilling Machine Operator's License No. Number of sacks of bentonite used in well seal Brand name of bentonite Water Well Contractor's Certification: Number of pounds of bentonite per 100 gallons This well was drilled under my jurisdiction and this report is lbs./100 gals. true to the best of my knowledge and belief.

Name Elvin L. Copley Was a drive shoe used? Yes \(\subseteq \) No Plugs Size: location ft. Did any strata contain unusable water? [] Yes [X] No (Person, firm or corporation) (Type or print) Stage Baker Type of water? depth of strata Method of sealing strata off [Signed] .. Was well gravel packed? [Yes | No Size of gravel: Contractor's License No. 536 Date Gravel placed from ft. to ft. _ (USE ADDITIONAL SHEETS IF NECESSARY)

STATE OF OREGON MONITORING WELL REPORT (90 required by ORS 537.765 & OAR 690-240-095)	9017 MAR	.EIVED 	art Card #	S/ -1	7 () E	-//	/ae
(1) OWNER/PROJECT: WELL! Name Bakes Sanitary Se	NO. MALL) WATER RE	(6) LOCATION Mw. IREGON Co.	TOF WEI	LL By leg	_		
Address P.O. B. Of 169 City Baker City State 07	20 97914	Township 105	(N or S) /4 of(Y_	Range 40	E (E or W		
(2) TYPE OF WORK:	_	2. Street address of	well location	n <u>150</u> 2	reg Co	Lax	YFILE
New construction Repair Conversion Deepening	Recondition Abandonment	3. Tax lot number of					
(3) DRILLING METHOD		(7) STATIC WA			•		
Rotary Air Rotary Mud Hollow Stem Auger Other	Cable	Pr. be	low land sur		Date	29-99	<u></u>
(4) BORE HOLE CONSTRUCTION Yes No	8	(8) WATER BE			<i>~</i>		
Special Standards Depth of complete	ed wellft.	Depth at which v	vater was fin		ow Rate	SW	<u></u>
■	Locking cap	69	20	2	~	6	\overline{z}
○							
Protective casing	Protective post						
Land surface		(0) YKRELL LOC	<u> </u>	Ground elev	ation		
Monument	Cement monument	(9) WELL LOC		Otouna elev	From	То	-
£ ft.	Casing	Pare Pare	- · · ·		D Prom	20	SWL
70 3 h	diameterin, material_PVCin,	- sandt	noveld	clay	20	68	
	Welded Threaded Glued	Sax 4	grevel	WB	68	72	62
	Liner diameter in.	Clay	<u> </u>		72	75	
	material						
Seal	Welded Threaded Glued						-
70 -	-Well seal:						
43 n.	Amount 23 lags	-					
	Borehole diameter						: * 7
		• • • • • •			55	ne ine	
Filter	Bentonite plug at least 2 ft. this	ck		_	OWRD	SALEN	OR
pack fi.	Screen material PVC			-			
70 D	interval(s): From 75 To 65				NO	30 R	H 7
75 T	FromTo						
	Slot size 010 in. —Filter pack:	,	1 4	~///		2.1/	
	Material C. School Sand Size 10-20in.	Date started 1	-27- °	74 (Completed	-24-	98
(5) WELL TEST:		(unbonded) Monito: I certify that the				alteration, or	,
Pump Bailer X Air	Flowing Artesian	abandonment of this standards. Material	s well is in co	mpliance w	ith Oregon we	ll construction	on
PermeabilityYield	<u>2</u>	knowledge and bel		L	-		_
ConductivityPHPHPH		Signed Carl	PA	Me		VC Number	-94
Was water analysis done? Yes No	esian flow foundft.	(bonded) Monitor V					,
By whom?	ft to ft	I accept responsi work performed on					
Remarks:		work performed dur standards. This rep	ring this time	is in compli	ance with Ore	gon well cor	
,1	0 4 10	Signed Ou	1 NJ		MV	VC Number_	37
Name of supervising Geologist/Engineer	on Moyney	Signed /				e <u>2-3-</u>	17



BAKE 52238

STATE OF OREGON GEOTECHNICAL HOLE REPORT (as required by OAR 690-240-0035)

(1) OWNER/PROJECT Hole Number CPS #990	
PROJECT NAME/NBR: William NW, Pipeline	(9) LOCATION OF HOLE (legal description)
First Name Last Name	County BAKER Twp 10.00 S N/S Range 40.00 E E/W WM
Company Williams Pipeline	Sec 2 NE 1/4 of the SE 1/4 Tax Lot 200
Address P.O. Box 58900	Tax Map Number
City Salt Lake City State UT Zip 84158-0900	Long ° ' " or -117.7748 DMS or DD
(2) TYPE OF WORK X New Deepening Abandonment	Street address of hole Nearest address
Alteration (repair/recondition)	Old Hwy.30 East side of road and West of West Sutton Creek Road.
(3) CONSTRUCTION Rotary Air	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Rotary Mud Cable Push Probe Other	Existing Well / Predeepening Completed Well 09-19-2012 240
	Flowing Artesian?
(4) TYPE OF HOLE:	WATER BEARING ZONES Depth water was first found 20.00
Uncased Temporary	SWL Date From To Est Flow SWL(psi) + SWL(ft) 09-10-2012 20 92 3 19
Uncased Permanent Slope Stability	09-12-2012 115 214 40 120
Other	09-13-2012 315 393 40 240
Other:	
(5) USE OF HOLE	(11) SUBSURFACE LOG Ground Elevation
	Material From To
Cathodic protection well for Williams NW. Pipeline	Top soil 0 2
	Brown clay 18 20
	Sand and gravel 20 34
(6) BORE HOLE CONSTRUCTION Special Standard Attach copy	Gravel with some tan clay mixed in 34 92 Tan clay 92 115
Depth of Completed Hole 400.00 ft.	Sand and gravel 115 122
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	Brown sand clay 122 130
Dia From To Material From To Amt Ibs	Coarse to fine sand 130 133
10 40 400 Bentonite Chips 20 35 400 P	Brown and gray clay stone 133 207
	Date Started 09-10-2012 Completed 09-20-2012
Backfill placed fromft. toft. Material	(12) ABANDONMENT LOG:
Filter pack from ft. to ft. Material Size	sacks/
	Material From To Amt lbs
(7) CASING/SCREEN	
Casing Screen Dia + From To Gauge Stl Plstc Wld Thrd	RECEIVED BY OWRD RECEIVED
8 X 2 35 40 X X X X X X X X X	OWRO SALEM OR
○ 10 35 400 .250 ○ X	007 0 0 2012
	0CT 0 9 2012 NOV 30 2012
(8) WELL TESTS	SALEM, OR
Pump Bailer Air Flowing Artesian	Date Started Completed
Yield gal/min Drawdown Drill stem/Pump depth Duration(hr)	Professional Certification (to be signed by an Oregon licensed water or
	monitoring well constructor, Oregon registered geologist or professional engineer).
Temperature °F Lab analysis Yes By	I accept responsibility for the construction, deepening, alteration, or abandonment work performed during the construction dates reported above. All work performed
Supervising Geologist/Engineer	during this time is in compliance with Oregon geotechnical hole construction
Water quality concerns? Yes (describe below)	standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License/Registration Number 10330 Date 10-3-2012
	First Name Last Name Leddle
	Affiliation H; 88 Jeston Dilling
ORIGINAL - WATER RESOURCES	DEPARTMENT
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPART	MENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.96

BAKE 52238

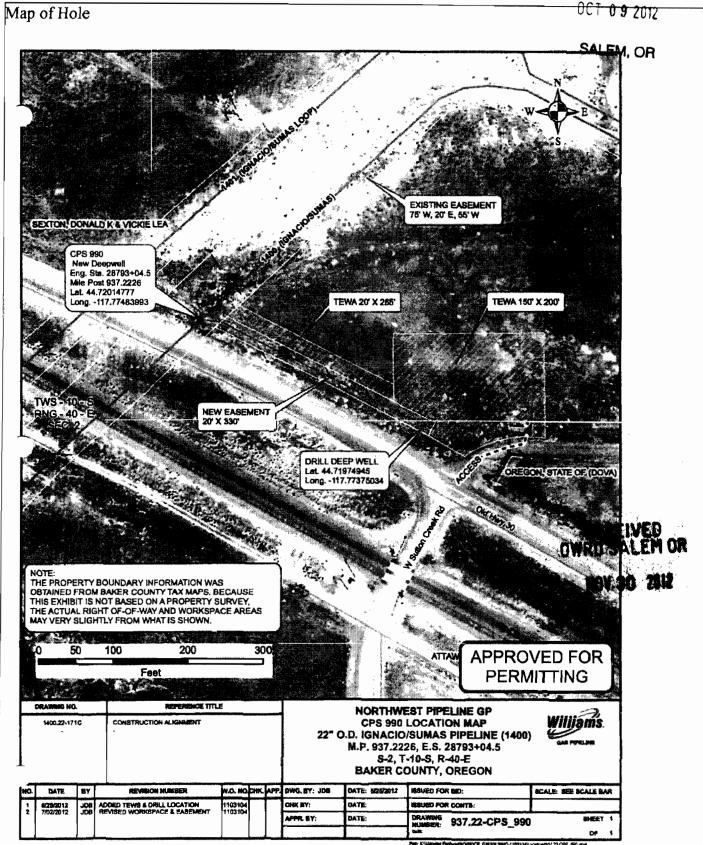
GEOTECHNICAL HOLE REPORT - continuation page

(6) BOF	RE HO	LE CO	NSTRUCTION											
ВО	RE HO	LE		SEAL	,	sacks/	(10) STA	TIC	WATER	LEVEL				
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							(11) SUB	SUR	FACE L	OG				
(7) CA	ASING	SCREE	ENS				` ´							
	ng Screer			Gauge	Sti Di-	tc Wld Thrd	Big gravel	<u>s</u>	Materia			From 207	Tc	14
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GEOTECHNICAL HOLE REPORT -

Map with location identified must be attached and shall include an approximate scale and north arrow

clude an approximate scale and north arrow



Nancy Rorick Consulting

Hydrogeology, GIS and Water Rights

645 L Loop Baker City, OR 97814 541-519-3644 nrorick@yahoo.com

November 27, 2012

Oregon Department of Water Resources 725 Summer Street NE, Suite A Salem, OR 97301 OWRD SALEM OR
NOV 30 2012

Enclosed is a permit application that I am submitting on behalf of Randy Joseph for a groundwater permit in Baker County. Mr. Joseph is proposing to drill a well 0.3 miles south of Sutton Creek to irrigate a 25.4-acre field. Due to the proposed well's proximity to Sutton Creek, it falls under the Division 9 rules on groundwater interference. In Section 10, the remark's section of the permit application, I have included a description of the local geology, a geologic map showing well log locations, a cross section developed from logs of nearby wells, and copies of the well logs.

The rate requested in the permit application is $1/60^{th}$ of one CFS per acre. I have discussed the rate with Baker County Water Master Rick Lusk.

Please contact me if you have any questions regarding the permit application.

Sincerely,

Nancy L. Rorick, RG,CWRE

Many & Raice

Application for a Permit to Use

Ground Water



Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$300.00 for the applicant and \$600.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

OWRD SALEM OR

NOV 30, 2812

G-17601

Ground Water/1

Minimum Requirements Checklist Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.615)

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.

\boxtimes	SECTION 1: applicant information and signature						
\boxtimes	SECTION 2: property ownership						
\boxtimes	SECTION 3: well development						
\boxtimes	SECTION 4: water use						
\boxtimes	SECTION 5: water management						
\boxtimes	SECTION 6: storage of groundwater in a reservoir						
\boxtimes	SECTION 7: use of stored groundwater from the reservoir						
\boxtimes	SECTION 8: project schedule						
\boxtimes	SECTION 9: within a district						
\boxtimes	SECTION 10: remarks						
	Attachments:						
\boxtimes	Land Use Information Form with approval and signature (must be an original) or sign	ned receipt					
\boxtimes							
\boxtimes	Fees - Amount enclosed: \$1250 See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.						
	Provide a map and check that each of the following items is included						
\boxtimes	Permanent quality and drawn in ink						
\boxtimes	Even map scale not less than $4" = 1$ mile (example: $1" = 400$ ft, $1" = 1320$ ft, etc.)	RECEIVED OWRD SALEM OF					
\boxtimes	North Directional Symbol						
\boxtimes	Township, Range, Section, Quarter/Quarter, Tax Lots	NOA 30 5015					
\boxtimes	Reference corner on map						
\boxtimes	Location of each well, and/or dam if applicable, by reference to a recognized public leadstances north/south and east/west). Each well must be identified by a unique name						
\boxtimes	Indicate the area of use by Quarter/Quarter and tax lot clearly identified						
\boxtimes	Number of acres per Quarter/Quarter and hatching to indicate area of use if for prima supplemental irrigation, or nursery	ry irrigation,					
\boxtimes	Location of main canals, ditches, pipelines or flumes (if well is outside of the area of	use)					
	Other						

Ground Water/2 Revised 2/1/2012 WR 6-17601