

September 16, 2019

Ms. Lisa Jaramillo Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301

RE:

Application for a Permit Amendment

Permit G-17730 (Application G-13518) and Permit G-17731 (Application G-13519)

Dear Lisa:

On behalf of the applicant, City of Woodburn (City), please find enclosed an Application for a Permit Amendment involving <u>two</u> water use permits held by the City: Permit G-17730 and Permit G-17731. Please also find enclosed a check in the amount of \$2,090 for payment of the application filing fee.

If you have any questions regarding the enclosed application, you can reach me at (503) 239-8799, ext 106. Please copy me on any correspondence regarding this application.

Sincerely,

Theodore R. Ressler, RG, CWRE

GSI Water Solutions, Inc.

Enclosures:

Application for a Permit Amendment

Check #139003 in the amount of \$2,090

CC:

Eric Liljequist, Public Works Director - City of Woodburn

Adam Sussman - GSI Water Solutions, Inc.

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

Application for Permit Amendment

Part 1 of 5 - Minimum Requirements Checklist

This permit amendment application will be returned if Parts 1 through 5 and all required attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Transfer Section.

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Che	ck all it	ems included with this application. ($N/A = Not Applicable$)	
\boxtimes		Part 1 - Completed Minimum Requirements Checklist.	SEP 1 9 2019
\boxtimes		Part 2 – Completed Application Map Checklist.	OWRD
		Part 3 – Application Fee, payable by check to the Oregon Water Resources Department completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator . If you have questions, call Service at (503) 986-0801.	,
\boxtimes		Part 4 – Completed Applicant Information and Signature.	
\boxtimes		Part 5 – Information about Permits to be Amended: Number of permits to be amer List the Permits here: <u>G-17730, G-17731</u> Please include a separate Part 5 for each permit. (See instructions on page 6)	1ded: <u>2</u>
\boxtimes		Completed Permit Amendment Application Map (Does not have to be prepared by a Water Right Examiner).	ı Certified
	⊠ N/A	Request for Assignment Form and statutory fee. The request for assignment form he completed if the applicant is not the permit holder of record and needs to be assigned permit; or the landowner of the proposed place of use is not the permit holder of record needs to be assigned to the permit (the Request for Assignment Form is available on https://www.oregon.gov/OWRD/Forms/Pages/default.aspx). Assignment is not need applicant is the permit holder of record.	d to the cord and lline at
	N/A	Affidavit(s) of Consent are required from all permit holder(s) of record if the permit to the applicant or other permit holders of record that are not listed as applicants.	is not assigned
	□ N/A	Oregon Water Resources Department's Land Use Information Form with approval a (or signed land use form receipt stub) from each local land use authority in which we diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, at only on federal lands or if all of the following apply: a) a change in place of use only structural changes, c) the use of water is for irrigation only, and d) the use is located irrigation district or an exclusive farm use zone.	ater is to be nd/or used y, b) no
\boxtimes	N/A	Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or adpoint(s) of appropriation.	ditional
	N/A	Geologist Report for a change from a surface water point of diversion to a ground w appropriation (well), if the proposed well is more than 500 feet from the surface wat more than 1000 feet upstream or downstream from the point of diversion. (ORS 540	er source and
		(For Staff Use Only)	
		WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S): Application fee not enclosed/insufficient Map not included or incomplete Land Use Form not enclosed or incomplete Additional signature(s) required Part is incomplete Other/Explanation Staff: 503-986-0 Date: / /	

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

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does <u>not</u> have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

	N/A	If more than three permits are involved, separate maps for each permit. SEP 1 9 2019
\boxtimes		Permanent quality printed with dark ink on good quality paper.
\boxtimes		The size of the map can be $8\frac{1}{2} \times 11$ inches, $8\frac{1}{2} \times 14$ inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
\boxtimes		A north arrow, a legend, and scale.
		The scale of the map must be: $1 \text{ inch} = 400 \text{ feet}$, $1 \text{ inch} = 1,320 \text{ feet}$, the scale of the county assessor map if the scale is not smaller than $1 \text{ inch} = 1,320 \text{ feet}$, or a scale that has been preapproved by the Department.
\boxtimes		Township, Range, Section, 1/4 1/4, DLC, Government Lot, and other recognized public land survey lines.
\boxtimes		Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
\boxtimes		Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
\boxtimes		Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
		Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
	⊠ N/A	If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
\boxtimes		Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.
	□ N/A	If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

	FEE WORKSHEET for PERMIT AMENDMENT									
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,160							
	Types of change proposed:	RE	CEIVED							
	Place of Use									
	Number of above boxes checked = 1 (2a)	SE	1 9 2019							
	Subtract 1 from the number in line $2a = 0$ (2b) If only one change, this will be 0		OWRD							
	Multiply line 2b by \$930 and enter » » » » » » » » » » » » » »		DAAUD							
2		2	0							
	Number of permits included in Permit Amendment 2 (3a)									
	Subtract 1 from the number in 3a: <u>1 (3b)</u> If only one permit this will be 0									
3	Multiply line 3b by \$520 and enter » » » » » » » » » » » » »	3	\$520							
	Do you propose to add or change a well, or change from a surface water POD									
	to a well?									
140	No: enter 0 » » » » » » » » » » » » » » » » »		19							
4		4	\$410							
	Do you propose to change the place of use?									
	No: enter 0 on line 5 » » » » » » » » » » » » » » » »									
	Yes: enter the cfs for the portions of the permits to be amended (see									
	example below*): (5a)									
	Subtract 1.0 from the number in 5a above: (5b)									
	If 5b is 0, enter 0 on line 5 » » » » » » » » » » » » » » » »									
_	If 5b is greater than 0, round up to the nearest whole number: (5c)	_								
5	and multiply 5c by \$350, then enter on line 5 » » » » » » » »	5	0							
6	Add entries on lines 1 through 5 above » » » » » » » » » Subtotal:	6	\$2,090							
	Is this permit amendment:									
	necessary to complete a project funded by the Oregon Watershed									
	Enhancement Board (OWEB) under ORS 541.932?									
	endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat?									
	If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 »									
7	If no box is applicable, enter 0 on line 7 » » » » » » » » » » » » » » » » »	7	0							
8	Subtract line 7 from line 6 » » » » » » » » » » » Permit Amendment Fee:	8								
0	Subtract fine / from fine 0 % % % % % % % % Fermit Amendment Fee:	ð	\$2,090							

- *Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:
- 1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (for S-12345, 1.25 cfs \div 100 ac); then multiply by the number of acres to be changed to get the application cfs (x 45 ac = 0.56 cfs).
 - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)
- 2. Add cfs for the portions of permits on all the land included in the application; however **do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land**. The fee should be assessed only once for each "on the ground" acre included in the application. (In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).

Part 4 of 5 - Applicant Information and Signature

A	nn	lica	nt	Info	mation
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APPLICANT/BUSINESS NAM	ſE	PHONE NO.	ADDITIONAL CONTACT NO.										
City of Woodburn, Attn													
Director													
ADDRESS	FAX NO.												
270 Montgomery Stre	eet												
CITY	STATE	ZIP	E-MAIL										
Woodburn	OR	97071	Eric.Liljequist@c	i.woodburn.or.us									
BY PROVIDING AN E-M	BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE												
DEPARTMENT ELECT	RONICALLY. CO	DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.											

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

AGENT/BUS	INESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.						
GSI Water	· Solutions; Attn: Ted	Ressler		503-239-8799							
ADDRESS					FAX NO.						
	nhill St., Suite 300		Г	Г							
CITY STATE ZIP E-MAIL											
PORTLAND	ORTLAND OR 97204 tressler@gsiws.com BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE										
DEPART	MENT ELECTRONICA	LLY. CO	PIES OF THE FINAL	L ORDER DOCUMEN	NTS WILL ALSO BE MAILED.						
Explain in	n vour own words v	what you	propose to accor	nnlish with this ne	ermit amendment; and why:						
	icant seeks to add										
			•								
If you need	additional space, cont	inue on a se	eparate piece of pape	er and attach to the app	plication as "Attachment 1".						
	c this box if this pro Federal stimulus do		ılly or partially fu	inded by the Amer	rican Recovery and Reinvestme						
Is the ap	plicant the permit	holder o	of record? 🛛 Y	es No							
If NO	, include either:										
	A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), OR										
	An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.										
Has the C	ompletion ("C") Da	te of the	permit(s) in this a	pplication expired	? ☐ Yes ⊠ No						

If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? $\frac{10}{12040}$, $\frac{10}{12040}$

- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit Amendment Application if the completion date of the permit expires within 6 months of the date of filing this application.

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By my signature below, I confirm that I understand:

Prior to Department approval of the permit amendment, I may be required to submit payment to the
Department for publication of a notice in a newspaper with general circulation in the area where the permit is
located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I
suggest publishing the notice in the following newspaper: The Oregonian

_	_	
		1
		. /

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

Applicant Signature	Eric Liljequist, Public Works Directo Print Name (and Title if applicable)	$\frac{8-1}{\text{Date}} 2 - 19$
Applicant Signature	Print Name (and Title if applicable)	Date

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Check one of the following:		
The applicant is responsible for comple continue to be sent to the applicant.	etion of change(s). Notices an	d correspondence should
☐ The permit holder(s) of record will be r final order is issued. Copies of notices a of record.		
Check the appropriate box, if applicable:		
Check here if any of the permits proposed by an irrigation or other water district.	d for amendment are or will b	be located within or served
IRRIGATION DISTRICT NAME N/A	ADDRESS	
CITY	STATE	ZIP
Check here if water for any of the permit contract for stored water with a federal as		ice agreement or other
N/A CITY	STATE	ZIP
To meet State Land Use Consistency Requirencity, municipal corporation, or tribal government conveyed or used.	ent) within whose jurisdiction	
ENTITY NAME City of Woodburn	ADDRESS 270 Montgomery Street	
CITY Woodburn	STATE OR	ZIP 97071
ENTITY NAME	ADDRESS	
CITY	STATE	ZIP
ENTITY NAME	ADDRESS	

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ZIP

CITY

STATE

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PERMIT # G-17730

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	vp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 7		MARI 2424 (L-99855)	5	s	2	w	12	sw	NW	6500	2000 feet south and 540 feet east from the NW corner of section 12
Well 8		MARI 1642/67728 (L-99854)	5	S	1	w	8	NE	sw	2800	2,250 feet north and 1590 feet east from the SW corner of section 8
Well 9		MARI 1611 (L-99851)	5	S	1	w	7	NE	NW	600	1200 feet south and 1980 feet east from the NW corner of section 7
Well 10		MARI 1636 (L-99853)	5	S	1	w	8	sw	NE	2000	1200 feet north and 1720 feet west from E1/4 corner of section 8
Well 11		MARI 1607 (L-98750)	5	S	1	w	7	sw	NW	1400	1840 feet south and 920 feet east from the NW corner of section 7
Well 12		MARI 57301 (L-41043)	5	s	2	w	13	NW	SE	600	2466 feet north and 1635 feet west from the SE corner of section 13
Well 13		MARI 57300 (L-41053)	5	s	1	w	18	sw	NW	4100	1415 feet south and 1155 feet east from the NW corner of section 18
Well 14		MARI 58515 (L-99876)	5	s	1	w	5	SE	SE	3100	1117 feet north and 35 feet west from SE corner of section 5
New Well Site Option A	☐ Authorized ☐ Proposed	N/A	5	s	2	w	13	sw	SE	700	942 feet north and 1692 feet west from SE corner of section 13
New Well Site Option B	☐ Authorized ☐ Proposed	N/A	5	s	2	w	14	NE	NE	2100	900 feet south and 260 feet west from NE corner of Section 14
New Well Site Option C	☐ Authorized ☐ Proposed	N/A	5	s	2	w	13	NW	sw	800	2715 feet south and 850 feet east from the NW corner of Section 13

Check a	all type(s) of change(s) proposed below (change	e "CODES" are provided in parentheses):
	Place of Use (POU)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Surface water POD to Ground Water POA (SW/GW)
Will all	of the proposed changes affect the entire	re wate	r use permit?
	Yes Complete only the proposed ("to" l "CODES" listed above to describe	,	section of Table 2 on the next page. Use the posed changes.
	No Complete all of Table 2 to describe	the po	ortion of the permit to be changed.
For a change	e in place of use:		
Does the per ☐ Yes ☐ No N/A		land T	O which the place of use is being moved?
as a permi			is being moved must be assigned to the permit quest for Assignment form and the required
Is the propos	sed place of use contiguous to the author	rized p	lace of use? Yes No
N/A			
	ted place of use can be moved only to land		are contiguous to the authorized place of use

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use **unless** the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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Table 2. Description of Changes to Water Use Permit # $\underline{G\text{-}17730}$

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

	AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.					Proposed Changes (see		Т	The I	istin	g a				appear		ER PR	n" lands) COPOSED CHAN	NGES						
Tv	vp	Rn	ng	Sec	1/4	1 1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	"CODES" from previous page)	Twp		Rng	Se	c		1/4 1/4		Tax Lot	Gvt Lot or DLC	Acres (if applic able)	to be used (from	Priority Date
												EXAMI	PLE												
2	s	9	E	15	NE	NW	100		15.0	POD #1 POD #2		POU/POD	2 8	T	9 E	15	,	NV	VN	w	100	1	10.0	POD #5	
"	"	"	"	"	"	"	"	"	EXAMPLE	"		"	2 S	9	9 E	15	,	SV	VN	w	200		5.0	POD #6	
																								Well 7	
																								Well 8	
																								Well 9	-
																								Well 10	-
													Muni	Municipal Service within the City of Woodburn's Urban Growth Boundary		Well 11	9/30/1993								
																Urba	n	Gre	win	ьо	unuary			Well 12	
																								Well 13	
													Well 14							Well 14	1				
	1																							New Well	1
													-										_	Site (A, B, or C)	
					Т	OTAI	. ACR	ES											T)T	AL ACR	RES	N/A		

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Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? ⊠ Yes □ No

If YES, list the other certificate, permit, or ground water registration numbers: N/A – The authorized use is municipal use, so water rights are not 'layered.'

If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

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

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (**Tip**: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well-log/Default.aspx)

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right
New Well Site Option A	No	N/A	325' (est)	16" (est)	0-250' (est)	0-250' (est)	250-325' (est)	40' (est)	Alluvial	
New Well Site Option B	No	N/A	325' (est)	16" (est)	0-250' (est)	0-250' (est)	250-325' (est)	40' (est)	Alluvial	1400 gpm
New Well Site Option C	No	N/A	325' (est)	16" (est)	0-250' (est)	0-250' (est)	250-325' (est)	40' (est)	Alluvial	

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Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

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PERMIT # G-17731

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Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Т	wp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 7		MARI 2424 (L-99855)	5	s	2	w	12	sw	NW	6500	2000 feet south and 540 feet east from the NW corner of section 12
Well 8		MARI 1642/67728 (L-99854)	5	S	1	w	8	NE	sw	2800	2,250 feet north and 1590 feet east from the SW corner of section 8
Well 9		MARI 1611 (L-99851)	5	s	1	w	7	NE	NW	600	1200 feet south and 1980 feet east from the NW corner of section 7
Well 10		MARI 1636 (L-99853)	5	S	1	w	8	sw	NE	2000	1200 feet north and 1720 feet west from E1/4 corner of section 8
Well 11		MARI 1607 (L-98750)	5	S	1	w	7	sw	NW	1400	1840 feet south and 920 feet east from the NW corner of section 7
Well 12	□ Authorized □ Proposed	MARI 57301 (L-41043)	5	s	2	w	13	NW	SE	600	2466 feet north and 1635 feet west from the SE corner of section 13
Well 13		MARI 57300 (L-41053)	5	S	1	w	18	sw	NW	4100	1415 feet south and 1155 feet east from the NW corner of section 18
Well 14		MARI 58515 (L-99876)	5	s	1	w	5	SE	SE	3100	1117 feet north and 35 feet west from SE corner of section 5
New Well Site Option A	☐ Authorized ☐ Proposed	N/A	5	s	2	w	13	sw	SE	700	942 feet north and 1692 feet west from SE corner of section 13
New Well Site Option B	☐ Authorized ☐ Proposed	N/A	5	S	2	w	14	NE	NE	2100	900 feet south and 260 feet west from NE corner of Section 14
New Well Site Option C	☐ Authorized ☐ Proposed	N/A	5	s	2	w	13	NW	sw	800	2715 feet south and 850 feet east from the NW corner of Section 13

Check all t	type(s) of change(s) proposed below (change	e "CODES" are provided in parentheses):
☐ Pl	ace of Use (POU)		Point of Appropriation/Well (POA)
□ Po	oint of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)
A	dditional Point of Diversion (APOD)		Surface water POD to Ground Water POA (SW/GW)
Will all of	the proposed changes affect the entir	e wate	r use permit?
⊠ Yes	Complete only the proposed ("to" l "CODES" listed above to describe		ection of Table 2 on the next page. Use the posed changes.
☐ No	Complete all of Table 2 to describe	the po	rtion of the permit to be changed.
For a change in	place of use:		
Does the permit ☐ Yes ☐ No N/A	holder of record own or control the	land T	O which the place of use is being moved?
as a permit ho	•		s being moved must be assigned to the permit quest for Assignment form and the required
Is the proposed	place of use contiguous to the author	ized pl	ace of use? Yes No
N/A			
The permitted i	place of use can be moved only to land	c that a	re contiguous to the authorized place of use

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use **unless** the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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Table 2. Description of Changes to Water Use Permit # $\underline{G-17731}$

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.							Proposed Changes (see		The	lis	ting					ER PRO	' lands) PPOSED CHAN	NGES				
Twp		Rng	Sec		/4 1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	"CODES" from previous page)	Twp	Twp Rng Sec 1/4 1/4 Tax Lot Gvt Lot or DLC		Acres (if applicab le)	POD(s) or POA(s) to be used (from Table 1)	Priority Dat					
											EXAMI	PLE										
2 S	9	E	15	NE	NW	100		15.0	POD #1 POD #2		POU/POD	2 8	9	E	15	N	w NW	100	1	10.0	POD #5	
" "	"	"	"	"	"	"	"	EXAMPLE	"		"	2 S	9	E	15	S	w NW	200		5.0	POD#6	
	T																				Well 7	
	T											1									Well 8	
	T											1									Well 9	1
	T																				Well 10	1
	T											Muni	cipal					City of		burn's	Well 11	9/30/1993
												1		ι	Jrba	n G	rowth I	Boundar	y		Well 12	
	T																				Well 13	
																					Well 14	1
																					New Well Site (A, B, or C)	
					TOTAL	ACR	ES										ТОТ	AL ACI	RES	N/A		ECEIVED

Additional remarks: _____

OED - 0 0011

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Revised 2/11/2019

Permit Amendment Application - Page 13 of 14

Permit # G-17731

Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? \boxtimes Yes \square No

If YES, list the other certificate, permit, or ground water registration numbers: N/A – The authorized use is municipal use, so water rights are not 'layered.'

If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

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

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (**Tip**: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well-log/Default.aspx)

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right
New Well Site Option A	No	N/A	325' (est)	16" (est)	0-250' (est)	0-250' (est)	250-325' (est)	40' (est)	Alluvial	
New Well Site Option B	No	N/A	325' (est)	16" (est)	0-250' (est)	0-250' (est)	250-325' (est)	40' (est)	Alluvial	1400 gpm
New Well Site Option C	No	N/A	325' (est)	16" (est)	0-250' (est)	0-250' (est)	250-325' (est)	40' (est)	Alluvial	

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Attachment A Permits G-17730, G-17731

Application for a Permit Amendment– Permits G-17730, G-17731– City of Woodburn

STATE OF OREGON

COUNTY OF MARION

SEP 1 9 2019
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PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF WOODBURN RANDY SCOTT, PUBLIC WORKS DIRECTOR 270 MONTGOMERY STREET WOODBURN, OREGON 97071

This superseding permit is issued to correctly describe an amendment for additional points of appropriation and a change in place of use proposed under Permit Amendment Application T-12181 and approved by Special Order Vol. 103, Page 497, entered November 30, 2016 and a correcting order approved by Special Order Vol. 103, Page 103, entered February 14, 2017 and to describe an extension of time for complete application of water approved August 12, 2011, and Transfer T-7655, approved by Special Order Vol. 51, Pages 1000-1004, entered August 29, 1997. This permit supersedes Permit G-17705.

to use the waters of WELLS 7, 8, 9, 10, 11, 12, 13, and 14, in the MILL CREEK BASIN for MUNICIPAL USE.

The date of priority is SEPTEMBER 30, 1993. The use is limited to not more than 3.12 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
5 S	2 W	WM	12	SWNW	NAZARENE WELL 7: 2000 FEET SOUTH AND 540 FEET EAST FROM THE NW CORNER OF SECTION 12
5 S	1 W	WM	8	NESW	LEGION PARK WELL 8: 2250 FEET NORTH AND 1590 FEET EAST FROM THE SW CORNER OF SECTION 8
5 S	1 W	WM	7	NE NW	DONNER WELL 9: 1200 FEET SOUTH AND 1980 FEET EAST FROM THE NW CORNER OF SECTION 7
5 S	1 W	WM	8	SWNE	CENTENNIAL WELL 10: 1200 FEET NORTH AND 1720 FEET WEST FROM THE E1/4 CORNER OF SECTION 8
5 S	1 W	WM	7	SW NW	ASTOR WAY WELL 11: 1840 FEET SOUTH AND 920 FEET EAST FROM THE NW CORNER OF SECTION 7
5 S	2 W	WM	13	NW SE	PARR ROAD WELL 12: 2466 FEET NORTH AND 1635 FEET WEST FROM THE SE CORNER OF SECTION 13
5 S	1 W	WM	18	SWNW	SETTLEMIER WELL 13: 1415 FEET SOUTH AND 1155 FEET EAST FROM THE NW CORNER OF SECTION 18
5 S	1 W	WM	5	SE SE	PATRICK WELL 14: 1117 FEET NORTH AND 35 FEET WEST FROM THE SE CORNER OF SECTION 5

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The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the proposed place of use under this permit is as follows:

WITHIN THE CITY OF WOODBURN'S URBAN GROWTH BOUNDARIES

Permit Amendment T-12181 Conditions:

- 1. The combined quantity of water diverted at the new points of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
- 2. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of appropriation.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
- 3. Water shall be acquired from the same aquifer as the original points of appropriation.

Extension Conditions:

Development Limitations

Diversion of any water beyond 0.7 cfs under Permit G-11921, modified by Permit Amendment T-7655 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan (WMCP) under OAR Chapter 690, Division 86. The required WMCP was to have been submitted to the Department by August 12, 2014. Use of water under Permit G-11921, modified by Permit Amendment T-7655 must be consistent with the August 12, 2011 Extension of Time Final Order and subsequent WMCP's approved under OAR Chapter 690, Division 86 on file with the Department.

The deadline established in the Extension Order for submittal of a WMCP shall not relieve a permit holder of any existing or future requirement for submittal of a WMCP at an earlier date as established through other orders of the Department. A WMCP submitted to meet the requirements of this order may also meet the WMCP submittal requirements of other Department orders.

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Existing Conditions:

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The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The city shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan was to have been submitted to the Department by December 12, 1995, and is subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the city shall discontinue use of, or reduce the rate or volume of withdrawal from the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level until the Department determines, based on the city or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The city shall in no instance allow excessive decline to occur within the aquifer as a result of use under this permit.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

The permit was originally issued on December 12, 1994. Actual construction work was to have begun on or before October 12, 1995, and completed on or before October 12, 1996, with full application of the water to the use to be made on or before October 1, 1997. By Extension of Time Final Order dated January 20, 2009, the completion of construction and application of the water to the use shall be made on or before October 1, 2040.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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

The Director of the Water Resources Department has found that the proposed use of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Issued this date, February 14th, 2017.

Dwight French, Water Right Services Administrator, for

Thomas M. Byler, Director

Oregon Water Resources Department

Mailing Date: MAR 0 7 2017

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STATE OF OREGON

COUNTY OF MARION

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PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF WOODBURN RANDY SCOTT, PUBLIC WORKS DIRECTOR 270 MONTGOMERY STREET WOODBURN, OREGON 97071

This superseding permit is issued to correctly describe an amendment for additional points of appropriation and a change in place of use proposed under Permit Amendment Application T-12181 and approved by Special Order Vol. 103, Page 497, entered November 30, 2016 and a correcting order approved by Special Order Vol. 103, Page 1009, entered February 14, 2017 and to describe an extension of time for complete application of water approved August 12, 2011, and Transfer T-7655, approved by Special Order Vol. 51, Pages 1000-1004, entered August 29, 1997. This permit supersedes Permit G-17706.

to use the waters of WELLS 7, 8, 9, 10, 11, 12, 13, and 14, in the MILL CREEK BASIN for MUNICIPAL USE.

The date of priority is SEPTEMBER 30, 1993. The use is limited to not more than 4.61 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
5 S	2 W	WM	12	SWNW	NAZARENE WELL 7: 2000 FEET SOUTH AND 540 FEET EAST FROM THE NW CORNER OF SECTION 12
5 S	1 W	WM	8	NE SW	LEGION PARK WELL 8: 2250 FEET NORTH AND 1590 FEET EAST FROM THE SW CORNER OF SECTION 8
5 S	1 W	WM	7	NENW	DONNER WELL 9: 1200 FEET SOUTH AND 1980 FEET EAST FROM THE NW CORNER OF SECTION 7
5 S	1 W	WM	8	SW NE	CENTENNIAL WELL 10: 1200 FEET NORTH AND 1720 FEET WEST FROM THE E1/4 CORNER OF SECTION 8
5 S	1 W	WM	7	SW NW	ASTOR WAY WELL 11: 1840 FEET SOUTH AND 920 FEET EAST FROM THE NW CORNER OF SECTION 7
5 S	2 W	WM	13	NW SE	PARR ROAD WELL 12: 2466 FEET NORTH AND 1635 FEET WEST FROM THE SE CORNER OF SECTION 13
5 S	1 W	WM	18	SW NW	SETTLEMIER WELL 13: 1415 FEET SOUTH AND 1155 FEET EAST FROM THE NW CORNER OF SECTION 18
5 S	1 W	WM	5	SE SE	PATRICK WELL 14: 1117 FEET NORTH AND 35 FEET WEST FROM THE SE CORNER OF SECTION 5

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the proposed place of use under this permit is as follows:

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WITHIN THE CITY OF WOODBURN'S URBAN GROWTH BOUNDARIES

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Permit Amendment T-12181 Conditions:

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- 1. The combined quantity of water diverted at the new points of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
- 2. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of appropriation.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
- 3. Water shall be acquired from the same aquifer as the original points of appropriation.

Extension Conditions:

Development Limitations

Diversion of any water beyond 0.7 cfs under Permit G-11922, modified by Permit Amendment T-7655 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan (WMCP) under OAR Chapter 690, Division 86. The required WMCP was to have been submitted to the Department by August 12, 2014. Use of water under Permit G-11922, modified by Permit Amendment T-7655 must be consistent with the August 12, 2011 Extension of Time Final Order and subsequent WMCP's approved under OAR Chapter 690, Division 86 on file with the Department.

The deadline established in the Extension Order for submittal of a WMCP shall not relieve a permit holder of any existing or future requirement for submittal of a WMCP at an earlier date as established through other orders of the Department. A WMCP submitted to meet the requirements of this order may also meet the WMCP submittal requirements of other Department orders.

Existing Conditions:

The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The city shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan was to have been submitted to the Department by December 20, 1995, and is subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the city shall discontinue use of, or reduce the rate or volume of withdrawal from the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level until the Department determines, based on the city or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The city shall in no instance allow excessive decline to occur within the aquifer as a result of use under this permit.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

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The permit was originally issued on December 20, 1994. Actual construction work was to have begun on or before December 20, 1995, and completed on or before October 1, 1996, with full application of the water to the use to be made on or before October 1, 1997. By Extension of Time Final Order dated January 20, 2009, the completion of construction and application of the water to the use shall be made on or before October 1, 2040.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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

The Director of the Water Resources Department has found that the proposed use of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Issued this date, February 14th, 2017.

Dwight French Water Right Services Administrator, for

Thomas M. Byler, Director

Oregon Water Resources Department

Mailing Date: MAR 0 7 2017

SEP 1 9 2019 OWRD

Ted Ressler

From:

JARAMILLO Lisa J * WRD < Lisa. J. Jaramillo@oregon.gov>

Sent:

Tuesday, September 17, 2019 8:55 AM

To:

Ted Ressler

Cc: Subject: STARNES Patrick K * WRD

Attachments:

FW: Map scale waiver for permit amendment

Pages from FINAL_permit_amendment_app_8-6-19.pdf

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Hi Ted.

Kelly's been out, so I am responding to your request.

Your request is granted. The attached map (at 1 in. = 1800 ft. scale) is acceptable for the proposed permit amendment application for Permits G-17730 and G-17731.

Have a good day,

-Lisa

LISA J. JARAMILLO | TRANSFER & CONSERVATION SECTION MANAGER

725 Summer Street NE, Suite A Salem, OR 97301 | Phone 503-986-0880



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

From: Ted Ressler < tressler@gsiws.com> Sent: Monday, September 16, 2019 2:03 PM

To: STARNES Patrick K * WRD < Patrick.K.Starnes@oregon.gov> Cc: JARAMILLO Lisa J * WRD < Lisa. J. Jaramillo@oregon.gov>

Subject: Map scale waiver for permit amendment

Hi Kelly

We are preparing a permit amendment application involving two water use permits held by the City of Woodburn, Permits G-17730 and 17731. To allow a single map to be used to show the authorized place of use and the proposed additional POAs, we would like to use the scale of 1 in = 1800 ft. A draft of the map at the requested scale is attached. Please let me know if the attached map and the map scale used is acceptable to the Department for this particular application.

Thank you

Ted

Theodore R. Ressler RG, CWRE, PG

Hydrogeologist and Water Resources Consultant

direct: 971.200.8509 | mobile: 503.701.4535 55 SW Yamhill St., Suite 300, Portland, OR 97204 GSI Water Solutions, Inc. | www.gsiws.com RECEIVED

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Attachment C Land Use Information Form

Application for a Permit Amendment– Permits G-17730, G-17731– City of Woodburn

Land Use Information Form



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

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Applicant(s): .City of Woodburn, ATTN: Eric Liljequist, Public Works Director

SEP 1 9 2019

Mailing Address: 270 Montgomery Street

City: Woodburn

State: OR

Zip Code: 97071

Daytime Phone: 503-982-5241

www.wrd.state.or.us

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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	1/4 1/4	Tax Lot#	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
<u>5S</u>	<u>2W</u>	<u>13</u>	SWSE	700	P/SP	☑ Diverted	□ Conveyed	☑ Used	
<u>5S</u>	<u>2W</u>	<u>14</u>	NENE	2100	<u>CG</u>	☑ Diverted	☐ Conveyed	☑ Used	Municipal water supply
<u>5S</u>	<u>2W</u>	<u>13</u>	NWSW	800	<u>UT-20</u>	☑ Diverted	○ Conveyed	☑ Used	
						☐ Diverted	☐ Conveyed	Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed: City of Woodburn (tax lots 700 and 2100) and Marion County (tax lot 800) 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 Surface Water (name) Ground Water Estimated quantity of water needed:* cubic feet per second allons per minute acre-feet Domestic for _____ household(s) Commercial Industrial Other Municipal Municipal Quasi-Municipal Instream Briefly describe: The City of Woodburn seeks to add one POA to Two existing water use permits (G-17730, G-17731) held by the City. *The estimated quantity of water needed is related to the capacity of new Well Site A, B, or C. The specific rate is estimated to be 1400 GPM.

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

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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 be	low and provide the requested infor	mation	
Land uses to be served by the proposed water your comprehensive plan. Cite applicable or	r uses (including proposed construction) are al	lowed outright	t or are not regulated by
Land uses to be served by the proposed wate listed in the table below. (Please attach docu	r uses (including proposed construction) involumentation of applicable land-use approvals whompanying findings are sufficient.) If approva	ve discretionar	dy been obtained.
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	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
Name: B-0-La 1950	Title:	Se-50	- Pla
Signature:	Phone: Stf-)	Date: _	f-20-19
Government Entity: Crrc	(0		
Note to local government representative: Pleasign the receipt, you will have 30 days from the Form or WRD may presume the land use associated the second sec	Water Resources Department's notice date to	return the complete with local	pleted Land Use Informatio comprehensive plans.
	or Request for Land Use Informa		
Applicant name:			
City or County:	Staff contact:		
Signature:	Phone:	Date:	

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(s): .City of Woodburn, ATTN: Eric Liljequist, Public Works Director

SEP 1 9 2019

Mailing Address: 270 Montgomery Street

OWRD

City: Woodburn

State: OR

Zip Code: 97071

Daytime Phone: 503-982-5241

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	1/4 1/4	Tax Lot#	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
<u>5S</u>	<u>2W</u>	<u>13</u>	SWSE	700	P/SP	☑ Diverted	□ Conveyed	☑ Used	
<u>5S</u>	<u>2W</u>	<u>14</u>	NENE	2100	<u>CG</u>	☑ Diverted	☑ Conveyed	☑ Used	Municipal water supply
<u>5S</u>	<u>2W</u>	<u>13</u>	NWSW	800	<u>UT-20</u>	☑ Diverted	☑ Conveyed	☑ Used	water suppry
						☐ Diverted	Conveyed	Used	

<u>5S</u>	<u>2W</u>	<u>13</u>	<u>NWSW</u>	800	<u>UT-20</u>	☑ Diverted	■ Conveyed	☑ Used			
						Diverted	Conveyed	Used			
List all cou	inties and c	ities where	water is pro	posed to be o	liverted, conveyed, an	d/or used or d	leveloped:				
	City of Woodburn (tax lots 700 and 2100) and Marion County (tax lot 800)										
B. Descr	iption of	Propos	<u>ed Use</u>								
Permi	Type of application to be filed with the Water Resources Department: Permit to Use or Store Water Water Right Transfer Definited Water Use License Allocation of Conserved Water Exchange of Water										
Source of v	water: R	eservoir/Po	ond 🛛 G	round Water	☐ Surface Water (name)					
Estimated	quantity of	water need	led: <u>*</u>	☐ cub	ic feet per second	gallons per m	ninute	acre-feet			
Intended us	se of water:	☐ Irriga ☑ Mun	7.70] Commercial] Quasi-Munic	☐ Industrial ipal ☐ Instream		estic for	_ househol	d(s)		
Briefly des	cribe:										
The City	y of Wood	dburn see	eks to add	one POA to	Two existing wat	ter use perm	nits (G-177)	30. G-17	731) held		
by the C	ity. *The	estimate	d quantity	of water n	eeded is related to	the capacit	v of new W	ell Site	A. B. or C		
The spe	cific rate	is estima	ted to be 1	400 GPM.			, , , , , , , , , , , , , , , , , , , ,		1, 2, 01 0.		
									10		

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

For Local Government Use Only

OWRD

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 be	low and provide the requested infor	mation	
Land uses to be served by the proposed wate listed in the table below. (Please attach docu	r uses (including proposed construction) involumentation of applicable land-use approvals whompanying findings are sufficient.) If approva	pment or box 2.04 P ve discretionar nich have alread	y land-use approvals as dy been obtained.
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	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
		A	
Name: Dan Hander	Title:	ASSOC	2/22/2000
Government Entity:	Phone: 503-980-20	43 _ Date: _	0/22/2019
Note to local government representative: Ple sign the receipt, you will have 30 days from the Form or WRD may presume the land use associ	Water Resources Department's notice date to	return the comp	pleted Land Use Information
Receipt f	or Request for Land Use Informa	ation	
Applicant name:			
City or County:	Staff contact:		
Signature:	Phone:	Date:	

Attachment D

Well Logs Application for a Permit Amendment– Permits G-17730, G-17731– City of Woodburn

STATE OF OREGON

WATER WELL REPORT (as required by ORS 537.765)

MARI 1607 JUL -7 1989

MEGENTE

Conty Table Company	(as required by ORS 537.765)	TER RESOURCES DEPT (START CARD) #
Mattern 270 Montgomery State QR Zip 97071	(1) OWNER: Well Number: 1	
C2) TYPE OF WORK: Calcal		County Marion Latitude "Landing "
C2) TYPE OF WORK: Calcal		Township 5 S Nors Range 1 W Early WA
Tax Lot	0A 1 77071	Section / SW LOI NW L
Street Address of Way Grozenest address 110 Street Address of Way Grozenest 110 Street Address of Way Grozenest address 110 Street Address of Way Grozenest address 110 Street Address of Way Grozenest address 110 Street Address of Way Grozenest 110 Street Address o		Tax Lot 192940-000 Block Subdivision
Botary At	XX New Well Deepen Recondition Abandon	Street Address of Well (or nearest address) 1108 Astor Way
A PROPOSEDUSE:	(3) DRILL METHOD	Woodburn, OR. 97071
A PROPOSEDUSE:	☐ Rotary Air ☐ Rotary Mud ☐ Cable	(10) STATIC WATER I EVEL.
A PROPOSED USE: Denetic Community Industrial Irrigation Date Community Industrial Irrigation Date Community Industrial Irrigation Date Community Depth of Completed Well 279 Amount Destauration approval No. Prop. Amount Depth of Completed Well 279 Amount Depth of Well 279 281 Community Depth of Completed Well 279 281 Community Depth of Well 281 Depth of Completed Well 279 281 Depth of Completed Well 279 281 Depth of Completed Well 279 281 Depth of Community Depth of Well 281 Depth of Community Depth of Well 281 Depth of Well 281 Depth of Community Depth of Well 281 Depth of We	Other _Reverse Circulation Rotary	
Consented Comment Indexton Competed Well Competed We	(4) PROPOSED USE:	Date
Thermal Injection Other	☐ Domestic	
Sepoistre used Depth of Completed Well 279 n.	☐ Thermal ☐ Injection ☐ Other	(11) WATER BEARING ZONES:
ROLE SEA	(5) BORE HOLE CONSTRUCTION:	Depth at which water was first foundindeterminate
ROLE SEA	Special Construction approval Yes No Depth of Completed Well 279 ft.	From To Estimated Flow Rate SW
Mole Seal	- 15	
Diameter From To Waterial From To Surface To Sur		all other sand & gravels below SWL
18 288 303	Diameter From To Material From To cooks as a series	are probably WB also
Rectangle Rect	26 0 231 Cement 0 41 201 sacks	
Section	JO Backs	(12) WELL LOG: Ground elevation approx 180
Second S		26
Other		Material From To SWI
Rectiliplaced from 288	How was sear placed: Method L A L B L C L D L E	
Casing 16	U Other	SEE ATTACHED SHEET
Casing 16	Rackfill placed from 200 ft. to 303 ft. Material Slough & conc. sand	
Diameter From To Gauge Steel Plastic Welded Threaded	Graverplaced from 150 ft. to 200 ft. Size of graver #8-14 CSSI	
SFP 1 9 2019	(6) CASING/LINER:	
SFP 1 9 2019	Casing: 16 +4 288 .375 X	RECEIVED
# 1.5 + 2 157 .145		CED 4 0 0010
# 1.5 + 2 157 .145		SEP 1 9 2019
Liner: # two places	* 1.5 +2 157 .145 M	
Final location of shoe(s)	Liner: * two places	OWRD
Perforations Method Type Stape wire wishlerial 304SS		
Perforations Method Type Shape wire Wishterial 304SS		
Screens Type Shape wire Wilderial 304SS		
Slot Size Number Diameter Size PPS	Perforations Method	
To Size Number Diameter Size Casing Liner 174 189 .050 cont 16 PS	3	
13255	n Tele/pipe	
231 268 .050 cont 16 PS	174 189 .050 cont 16 PS \(\square\)	10000
Calculation	731 769 050 cont 16 DC =	13 % 3 5
Date started	1 1 1 1 - 1	
(8) WELL TESTS: Minimum testing time is 1 hour Yield gal/min Drawdown Drill stem at Time 857 56 3hr. 1133 83 3hr. 1427 100 3hr. 1210 Temperature of water mot suitable forntended use?		
(8) WELL TESTS: Minimum testing time is 1 hour Flowing Air		Date started 1/11/89 Completed 6/20/89
Pump		
Signed S	Tilenda -	I certify that the work I performed on the
Signed Signed WWC Number 1085	4△ Pump ☐ Bailer ☐ Air ☐ Artesion	
Signed S		
Signed S	057	
1427 100 3hr. 1210 104 55 F) Depth Artesian Flow Found 24hr. Was a water analysis done? X Yes_Buwhom Owner Did any strata contain water not suitable formended use? Too little Salty Muddy Odor Colona Other Depth of strata: Depth Artesian Flow Found 24hr. I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well belief. Signed Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well belief. Signed Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during the construction dates reported above. all work performed during the construction dates reported above. all work performed on this well during the construction dates reported above. all work performed during the construction dates reported above. all work performed during the construction dates reported above. all work performed during the construction dates reported above. all work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction dates reported above. All work performed during the construction	1133 83 3hr	
Temperature of water — 104455 F Depth Artesian Flow Found 24hr. Was a water analysis done?	1427 100 3hr	
work performed during the construction dates reported above. all work performed during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief. Depth of strata: Depth of strata: Signed WWC Number 649 Signed Signed	Temperature of water 104(55 F) Perth Artegian Flow Faund 24hr.	I accept responsibility for the
Did any strata contain water not suitable for intended use? Too little	Was a water analysis done? X Yes_BwhomOWNEY	
Depth of strata: Signed Lighter February Date 6/26/89	Did any strata contain water not suitable for intended use? Too little	construction standards. This report is true to the best of
Signed Light February Date 6/26/89	*	belief NWWC Number 640
	ORIGINAL & FIRST COPY - WATER ESOURCES DEPARTMENT SECOND SET 8913	

MARI 1607

RECEIVED

CITY OF WOODBURN
Production Well No. 1
By Schneider Drilling Co.

JUL -7 1389

WATER RESOURCES DEPT. SALEM, OREGON

^		Top goil house
0 3	3	10P SOII, Drown
7	7	Clay, brown
19	19	Clay, brown, fine sandy
	36	Clay, gray, fine, sandy RECEIVED
36	59	Clay, blue gray, med
59	66	Clay, blue gray, fine sandy SEP 1 9 2019
66	70	Clay, blue gray, med
70	78	liley draw fine
78	81	Clay, gray, fine sandy, gritty
81	86	Clay, gray, firm, flakey
86	90	Clay, gray, fine sandy
90	93	Sand, black, fine
93	101	Sand, black, gravel pea size
101	107	Clay, gray, fine sandy
107	113	Sand, fine-med, black
113	129	Gravel 4" minus & sand coarse
129	135	Gravel 6" minus & sand coarse some cemented
135	138	Clay, brown, fine sandy
138	142	Clay, gray
142	155	Clay, blue-green flakey
155	157	Clay, blue-green, sandy
157	166	Sand, black, fine to med
166	168	Sand med-converse of the
168	189	Sand, med-coarse w/pea gravel
189	191	Gravel, up to 6" & sand, med-coarse
191	194	Clay, blue-gray, firm
194	199	Clay, gray, fine sandy
199	203	Clay, light gray, fine
203	213	Clay, dark blue-gray, med-firm
213	231	Clay, blue-green, flakey
231	235	Clay, gray, flakey
235	255	Sand, black, fine & clay, gray fine sandy
255	268	
268	271	minus & sand med-cosmon 3
271	273	Clay, dark greenish fine sandy Clay, gray
273	277	Sand black with a
277	278	Sand, black, silty fine
278	282	Clay, gray, silty
282	290	Clay, brown & gray streaked to gray fine sandy
290	295	, oral Travel
295	299	Clay, blue-green, firm
299	300	Clay, blue-gray, firm
300	303	Clay, gray, med
		Clay, blue-gray, flakey, firm

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this are to be filed with the State Well No. 35 WATER RESOURCES DEPARTMENT TE OF OREGON SALEM, OREGON 97310 (Please type or print) MAR 14 1979 within 30 days from the date State Permit No. .. of well completion WATER RESOURCES DEPT (Do not write above this line) SALEM. OREGON (1) OWNER: (10) LOCATION OF WELL: Name City of Woodburn Public Works Dept. County Marian Driller's well number Address 270 Montgomery 34 NW 14 Section 7 T. 55 R. Woodburn, Oregon 97071 Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): 40 ft. off Country Club Rd., South side New Well X 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 Rotary Driven [Domestic | Industrial | Municipal | Static level ft. below land surface. Date 2/24/79 Cable Jetted | Dug Bored | Irrigation
Test Well
Other Artesian pressure lbs. per square inch. Date CASING INSTALLED: Threaded [Welded K) (12) WELL LOG: Diameter of well below casing 16 " Diam. from 0 ft. to 247 ft. Gage 312 Depth drilled 280 ft. Depth of completed well 280 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 PERFORATIONS: position of Static Water Level and indicate principal water-bearing strata. Perforated? Tyes A No. Type of perforator used MATERIAL. SWL Size of perforations in. by Surface soil 6 Brown surface water sand ... perforations from ft. to 6 27 Grey clay 81 Black sand 81 88 Grey clay 88 99 (7) SCREENS: Well screen installed? X Yes No Sand 99 105 Manufacturer's Name Johnston Brown clay 105 108 Type 304 telescoping Model No. Diam. 16 Slot size 125 Set from 252 ft. Grey clay 108 112 Slot size 125... Set from 252.... ft. to Black sand 112 121 Diam. 16..... Slot size .150... Set from 262 Gravel 121 137 Blue clay 137 163 (8) WELL TESTS: Drawdown is amount water level is lowered below static level Sand 163 177 Was a pump test made? Yes No If yes, by whom? driller Gravel 177 193 Wald: 1300 61 ft. drawdown after 48 gal./min. with Grey sandy clay 193 197 Blue clay 197 230 Black sand 230 Clay with gravel 237 Bailer test gal./min. with ft. drawdown after Coarse sand & gravel 277 Artesian flow g.p.m. Blue clay perature of water Depth artesian flow encountered Work started Nov. 17 1978 Completed 1979 Date well drilling machine moved off of well (9) CONSTRUCTION: Well seal-Material used cement-51/2 gal water per sack Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. 32 Well sealed from land surface to Diameter of well bore to bottom of seal Diameter of well bore below seal 22 in. [Signed] Date Mar 12 19 79 Number of sacks of cement used in well seal (Drilling Machine Operator) How was cement grout placed? ran 2" pipe to 32', Drilling Machine Operator's License No.26 pumped cement until it came to and Water Well Contractor's Certification: remained at the surface This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was a drive shoe used? Tes No Plus Size: location Name John T. Miller Did any strata contain unusable water? DYes X No (Person, firm or corporation) (Type or print) Address 1780 Tomlin Woodburn, Oregon 97071 depth & strata Type of water? Method of sealing strata off

Contractor's License No. 277 Date March 12

140 ft.

Was well gravel packed? X Yes No Size of gravel: 34...

Gravel placed from

ft. to

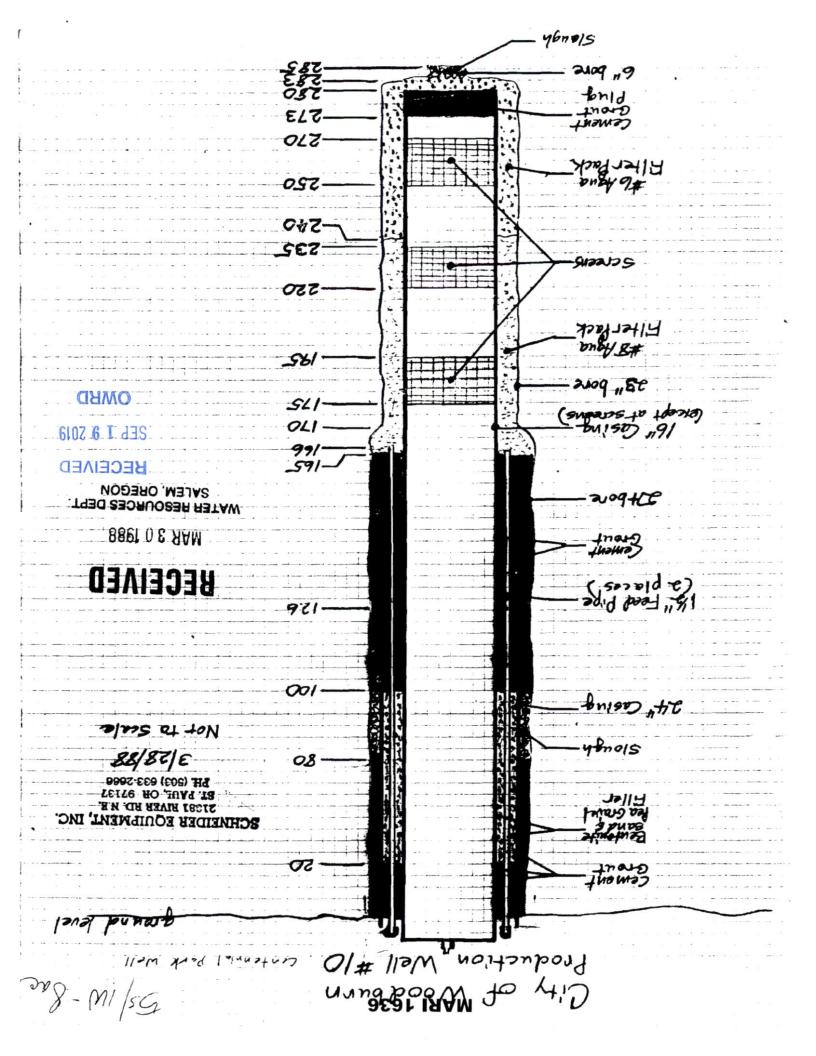
STATE OF OREGON

MAR 3 0 1988

			1	65	6.
MA	DI	10	26	131	
IAIN	Ny	10	A	W.	/
EDT	/		•	_	

1 5	1,0	-800
	1100	- oac
Centennial	FK	Well

WATER WELL REPORTER RESOURCES DEPT. (as required by ORS 537.765) SALEM, OREGON	Centennial Fark Well
(1) OWNER: Well Number: 10	(9) LOCATION OF WELL by legal description:
Name City of Woodburn	County Marion Latitude Longitude
Address 270 Montgomery Street	Township 5S Nor S, Range 1W E or W, WM.
City Woodburn State OR Zip 97071	Section 8 SW 40f NE 4
(2) TYPE OF WORK:	Tax Lot 92361- Lot Block Subdivision
New Well Deepen Recondition Abandon	Street Address of Well (or nearest address) 2205 National Way
(3) DRILL METHOD	Woodburn, OR 97071
Rotary Air Rotary Mud Cable	(10) STATIC WATER LEVEL:
A Other Reverse Circulation Rotary	36ft. below land surface. Date3/8/88
(4) PROPOSED USE:	Artesian pressure lb. per square inch. Date
□ Domestic □ Community □ Industrial □ Irrigation	(11) WATER BEARING ZONES:
☐ Thermal ☐ Injection ☐ Other	
BORE HOLE CONSTRUCTION:	Depth at which water was first found
**ecial Construction approval Yes No Depth of Completed Well 273 ft.	From To Estimated Flow Rate SWL
Explosives used Type Amount	All sands & gravels 72500 gpm
WAY 5	below SWL
meter From To Material From To sacks or pounds	
7+ 0 170 Cement 0 80 183 sks	(10) WIDLI I OC
23 170 283 Cement 100 165 108 sks	(12) WELL LOG: Ground elevation Approx. 180
6 283 285 Cement 0 20* 36 sks	Material From To SWL
*between 16" & 24" casings	
How was seal placed: Method	See attached sheet
Other 283 285 Backfill placed from 270 ft. to 100 ft. Material See attached sk	
Backfill placed from 220 ft. to 100 ft. Material See attached sk	etcn
#0 A0114	
(6) CASING/LINER: Diameter From To Gauge Steel Plastic Welded Threaded	
Diameter From To Gauge Steel Plastic Welded Threaded Casing: 16 +4 280 .375	
except at screens	Dro-
24 +2 126 .375 X	RECEIVED
* 1.5 +2.5 166 .145 K	055
*two places	SEP 1 9 2019
location of shoe(s)	OWRD
PERFORATIONS/SCREENS:	
Perforations Method	
V shape 204	
Type V Shape Material 304 S.S. Slot Slot Number Dispersion	
75 105 050 Number Diameter size Casing Liner	
.75 195 .050 16 PS \Box	13255
220 235 .050 16 PS \square \square 250 270 .050 16 PS \square \square	
	10/00/55
	Date started 12/23/87 Completed 3/15/88
(8) WELL TESTS: Minimum testing time is 1 hour	(unbonded) Water Well Constructor Certification:
Flowing	I certify that the work I performed on the construction, alteration, or shandonment of this well in in compliance with Occasion well according to
X Pump ☐ Bailer ☐ Air ☐ Artesian	abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my be-
Yield gal/min Drawdown Drill stem at Time	knowledge and belief.
978 56 3 hr#.	Signed Sound S Signed Date 3/28/88
1344 79 3 hr	Signed Sounds 21 Navis Date 3/28/88
1149 73 24 hr	(bonded) Water Well Constructor Certification:
Temperature of water ~55°F Depth Artesian Flow Found	I accept responsibility for the construction, alteration, or abandonmer
Temperature of water Depth Artesian Flow Found	
	work performed on this well during the construction dates reported above. a
	work performed on this well during the construction dates reported above. a work performed during this time is in compliance with Oregon we construction spandards. This report is true to the best of my knowledge and
Was a water analysis done? K Yes By whom WF & R Lab	work performed on this well during the construction dates reported above. a work performed during this time is in compliance with Oregon we construction sandards. This report is true to the best of my knowledge an belief. WWC Number 649



MARI 1636



City of Woodburn Production Well No. 10 Well Log Centennial park well

MAR 3 0 1988

	Centennial pork Well				
0	1	Topsoil WATER RESOURCES DEPT.			
1	16	Clay, brown, silty SALEM. OREGON			
16	29	Clay, brown, gray, soft			
29	34	Class street of the last			
34					
	39	oray, brown, bridge wybana, rine			
39	44	Clay, gray w/sand, brown, occ. rock Clay, blue, some sand SEP 1 9 2019			
44	72	The state of the s			
72	74	Clay, blue & brown, sandy			
74	80	Sand, black, medium w/wood OWRD			
80	86	Sand, black, medium, some gravel			
86	89	Sand, medium w/gravel, 1" minus			
89	93	Clay, gray, sandy			
93	102	Sand, brown			
102	106	Clay, gray, some sand			
106	111	Sand, brown w/gravel, 1" minus			
111	115	Clay, gray, hard			
115					
	121	Sand, medium, black			
121	129	Gravel, 1-1/2" minus, some cemented			
129	134	Gravel, 2" minus, some cemented			
134	138	Clay, gray, soft			
138	144	Clay, green, some silty			
144	154	Clay, green			
154	163	Clay, greenish, gray, sandy			
163	167	Sand, medium w/wood			
167	170	Gravel & sand, fine to medium			
170	188	Gravel & sand, medium & coarse			
188	192	Gravel 3", sand, medium to coarse			
192	196	Gravel 3" w/wood			
196	200				
		Claystone, sandy, gray, dark			
200	204	Sand, fine w/clay			
204	206	Sand, medium, black			
206	218	Sand, medium, black, some small layer of			
2.12	2.2.2	gray clay			
218	222	Sand, medium, black, little gravel 3" minus			
222	224	Sand, medium, black			
224	230	Sand, black, medium w/some small gravel 1/4"			
230	236	Sand, black, medium w/gravel 2" minus			
236	245	Clay, gray to blue			
245	247	Clay, blue & gray mixed			
247	250	Gravel, clay & sand conglomerate			
250	255	Sand, med-coarse, & gravel			
255	260				
		Gravel & sand, med-coarse, & clay conglomerate			
260	263	Gravel 2" minus & clay, blue, conglomerate			
263	265	Gravel & clay, blue, conglomerate			
265	267	Gravel & clay, hard, dry, multi-colored			
267	272	Clay & gravel, blue			
272	277	Clay, blue, gray			
277	280	Clay, blue, dry, flaky			
280	284	Sandy, clay, gray, silty-fine			
284	285	Clay, dark brown, firm			
		10 m			

The original and first copy WATER OF OREGON AUG 1 5 1974 State Well No. 55 IW-Bda of this report are to be .. filed with the STATE OF OREGON STATE ENGINEER Permit No. 66354 STATE ENGINEER, SALEM, OR GON 97310 (Please type or print) (Do not write above this line SALEM, OREGON and 6 6770 within 30 days from the flate of well completion. (10) LOCATION OF WELL: (1) OWNER: County MARION Driller's well number CITY OF WOODBURN NE 1 SE 1 Section 8 T. 55 R. IW Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): 1 9 2019 New Well Deepening [Reconditioning [Abandon [7] If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (4) PROPOSED USE (check): Depth at which water was first found (3) TYPE OF WELL: Rotary Driven 🗌 ft. below land surface. Date Domestic | Industrial | Municipal | Static level Cable Jetted | Irrigation | Test Well | Other lbs. per square inch. Date Dug Bored | Artesian pressure CASING INSTALLED: Threaded | Welded (12) WELL LOG: Diameter of well below casing . /6 "Diam from +2 ft. to 122 ft. Gage 3/2
14 "Diam from 119 ft. to 123 ft. Gage 250 ft. Depth of completed well Depth drilled Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. PERFORATIONS: Perforated? Tyes No. Type of perforator used 2 TOP SOIL Size of perforations in. by TAN SILT 37 ... perforations from ft. to 74 __ perforations from FINE GREY SILTY SAND 91 14 ___ perforations from ft. to _ BLUE GREEN CLAY 91 94 (7) SCREENS: Well screen installed? Yes I No Manufacturer's Name DP JOHNSON 101 STICKY GARRY CLAY TANANO GREY SILTY SAND 101 109 Type STAINLESS STEEL Model No. . Diam. /6 Slot size 100 Set from 123 ft. to 139 ft. 118 DARK GREY FINE SAND Diam. 16. Slot size 100. Set from 179 ft. to 189 DIRTY SAND, SOME GRAN LOOSE SAND AND GRAVEL 123 138 Drawdown is amount water level is lowered below static level (8) WELL TESTS: GREY AND BLUE CLAY 138 142 Was a pump test made? Yes \(\) No If yes, by whom? STRASSER GREY AND GREEN CLAY 142 151 8/28 gal./min. with 59.5 ft. drawdown after 25 GREY SANDY SICT 163 SAND, SILT, GRAVEL 163 178 LOOSE SAND AND GRAVER 178 189 GREY AND GREEN CLAY gal./min. with Bailer test Artesian flow g.p.m. erature of water 55 Depth artesian flow encountered UNE 12 19 74 Completed 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. Well sealed from land surface to . Materials used and information reported above are true to my Diameter of well bore to bottom of seal dmy Date AUG 141974 Diameter of well bore below seal .. Number of sacks of cement used in well seal Drilling Machine Operator's License No. 34 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. Was a drive shoe used? Yes No Plugs Size: location ft. STRASSER DRILLING CO Did any strata contain unusable water? [] Yes X No Type of water? Method of sealing strata off Was well gravel packed?

Yes No Size of gravel: Contractor's License No. ft. to ... Gravel placed from

NOTICE TO WATER WELL CONTRACTOR

KEULIVED

The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 (Please type or print) within 30 days from the date of well completion.

ALTA	TR 1	
Sy di	9) / ,	
١٠٠٠	State Well No. 5/2w-12	E
,	state well No.	
s	State Permit No.	

(1) OWNER:	(11) LOCATION OF WELL:
Name City Of Woodburn, Oregon	County Marion Driller's well number
Address	SW 14 NV 14 Section 12 T. 5 S R. 2W W.M
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	
Rotary Driven Demostic Discharge States	(12) WELL LOG: Diameter of well below casing
Cable Jetted Domestic Industrial Municipal Dug Bored Irrigation Test Well Other	Depth drilled 3.3 350tt. Depth of completed well 3.3.3
CACING INCRALLED	Formation: Describe color, texture, grain size and structure of materials and show thickness and nature of each stratum and aquifer penetrated
20 Diam. from 0ft. to 120 ft. Gage 375	with at least one entry for each change of formation. Report each chang
12" Diam from 0 ft to 279!3! ft Gage .330	in position of Static Water Level as drilling proceeds. Note drilling rates
"Diam. from ft. to ft. Gage Gage ft. Ga	MATERIAL From To SWL
PERFORATIONS: Perforated? ☐ Yes ☑ No.	Con attal Conta
Type of perforator used	See attched spect
Size of perforations in. by in.	
perforations from ft. to ft.	
perforations from ft. to ft.	I NECEIVED
perforations from ft. to ft.	
perforations fromft. toft.	SEPI 1 0 2010
perforations fromft. toft.	
(7) SCREENS: Well screen installed? ₩ Yes □ No	OWRD
Manufacturer's Name Johnson	
Type Stainless Steel Model No.	
Diam. 10PS Slot size 150 Set from 280 ft. to 300 ft.	
Diam 10PS Slot size 125 Set from 318 ft. to 333 ft.	
(8) WATER LEVEL: Completed well.	
Static level 33 ft. below land surface Date] _] 7_6	37
ian pressure Ibs. per square inch Date	
(9) WELL TESTS. Drawdown is amount water level is	13255
lowered below static level	
Was a pump test made? A Yes D No If yes, by whom? Driller	
gal./min. with ft. drawdown after hrs.	Work started 8-11 1967 Completed 11-6 19 6
See attached sheld "	Date well drilling machine moved off of well 11-13 19 6
" " " " " " "	Drilling Machine Operator's Certification:
Bailer test gal./min. with ft. drawdown after hrs.	This well was constructed under my direct supervision. Materials used and information reported above are true to my best
Artesian flow g.p.m. Date	knowledge and belief.
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No	[Signed]
	(Drilling Machine Operator)
(10) CONSTRUCTION: Well seal—Material used Bentonite	Drilling Machine Operator's License No. 205
Depth of seal 30	
Diameter of well bore to bottom of seal 20 in.	Water Well Contractor's Certification:
Were any loose strata cemented off? Tes to No Depth	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Was a drive shoe used? 🛎 Yes 🗆 No	NAME George Zent & Sons
Did any strata contain unusable water? Pes A No	(Type or print)
Type of water? depth d strata	Address 4305 N.E. 44tu St. Vancouver, Was
Method of sealing strata off	(a) A 2 A
	[Signed] (Wyder Welf Contractor)
Graver placed xxxxx	Contractor's License No. 228 Date 11-28 , 19 67
€ i (USE ADDITIONAL SE	HEETS IF NECESSARY)

STATE ENGINEER

SALEM. OREGON

166 - 168 blue clay

171 - 172 fine black sand

172 -173 silty sand

168 - 171 black sand with elay chunks

page	2 ,
	5/26-12E
	Marion

***************************************	173 - 175	sand with 2 or 3 lenses of silt	Marion
	175 - 179 1	blue clay with streaks of sand	- 1 47 164
-	179 - 1811	med coarse black sand	
frakusanan da di	1813 - 185	silt gray with 2 to 3 in. henses of sand. core from 184 had silt lenses standing nearly vertically	
مارسىدى ئاسىدىدى	185 - 190}	black sand stit lense 186-186.3 with 1 in. seam of wood	RECEIVED
	190} -191}	black sand & gravel (wwl 33 after ½ hr.)	SEP 1 9 2019
	1913 - 194	brown deteriorated sand (practically all clay at 192)	OWRD
	209	milty fine sand (decomposed sand)	E E E
***************************************	2072 -lense	es grey silt with 1 to 2 in. lenses of dirty sand.	□ HZ
	_ 209 - 218 }	dirty sand 2" silt lenses at 21h & 217 } organic at 217 }	S 1967 L
	2183 - 223	party of Strater S. Straff Spring and Strater Torong to Strate	
-	223 - 237	silty fine sand	S M S
***********	237 -260 f	ine decomposed sand	STATI
	<u> </u>	grey allt	× 0)
-	269½ - 272	to 1" lenses of very fine decomposed sand.	
	2 72 -	partially decomposed sand & gravel (casing $27h_2^1$, 6^n open hole 35 gpm with 25 ft. D.D. casing 275 4 ft. open with revert, bai 50 gpm with 21 ft. D.D. Casing 280, 32 ft open revert added fi 2 ft.bailed 55 to 60 gpm with 6 to 9 ft. D.D. swil 42 ft. core samples are badly compressed destroying much of the indivigrain structure. drilling was done over 1_2^1 days with as little with 5 gal. sand pump as possible. A head of water was kept at all times. Hole filled in about 17 ft. after about 1_2^1 hrs. bail Bailing took place on the third day.	led rst dual bailing ing • mud
		and a lot of water. drove casing to 316, core $316\frac{1}{2}$ to 318. drocasing 317, one ft. open bailed 40 gpm with 40ft. d.d. From 31 to 33x325 the formation could be stired ahead about $\frac{1}{2}$ to 1 ft.	ve

333 or 334 rocky clay brown

336 343 blue sandy clay

343 3442 very fine blue sand
3442 3452 blue black silt
3452 350 hard compacted blue silty clay

13255

The water from above gravel would usually start to show clear water By the third to the fifth balor

and bail about forty gpm. with 40 to 50 ft. dd. even when 2 buckets of revert were added and drilled for an hour at a time no cuttings were

recovered from the hole. 2 (they were diffipated) From 325 to 331 hole was advanced by driving shead 1 ft. at a time, drilled out and bailed. 45 to 50 gpm with 30 50 ft. dd. Casing at 329\frac{1}{2} 50 gpm with

21 ft. dd. Casing 331 50 gpm with 30 ft. dd. At 331 mrcuttings began being recovered from hole. 332 50 gpm with 28 ft. dd.

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STATE OF OREGON RESOURCES DEPT WATER SUPPLY WELLEW, POREGON (as required by ORS 537.765)

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

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mar	,
5730X	_
5/24	J
0.0	

SEP 1 9 2019 WELLID #1 4/053

WELL I.D. # L_7/	4-7	
START CARD # _	79459	OWRD

(1) OWNER: Well Number /Z	(9) LOCATION OF V	VELL by legal descr	ription:		
Name Cody of Wood book	County MARIDA	Latitude	Long	itude	
Address 190 Confield St.	Township 5	N or Range			WM.
City Woodburn State OR Zip 97071	Section 18				
(2) TYPE OF WORK	Tax Lot 54018	4/00 Block_	Sub	division	
New Well Deepening Alteration (repair/recondition) Abandonment	Street Address of Well	(or nearest address)	515 5.	Settlemo	K AVE
(3) DRILLMETHOD:		BR 97071			
Rotary Air Rotary Mud Cable Auger	(10) STATIC WATER				
Other Revenso Circulation.	53 ft. belo	w land surface.	D	ate 12-2	-02
(4) PROPOSED USE:	Artesian pressure	lb. per squa	re inch. D	ate WA	
Domestic Community Industrial Irrigation	(11) WATER BEARI	NG ZONES:			
Thermal Injection Livestock Other					
(5) BORE HOLE CONSTRUCTION:	Depth at which water was	first found	55'		
Special Construction approval Yes No Depth of Completed Well 260 ft.					
Explosives used Yes No Type Amount	From	То	Estimated	Flow Rate	SWL
HOLE SEAL	53	/37	150	J#1 .	53'
Diameter From To Material From To Sacks or pounds	/37	267	1000	2pm	
30" 0 20 Coment Story 0 20 100bic ford	1		/	//	
24" 20 267 Comet Street 0 197 29 copie for	ł				
The state of the s					
	(12) WELL LOC.				-
How was seal placed: Method A B C D E	(12) WELL LOG: Ground	Elevation	80'		
Other	Materia		From	То	SWL
Backfill placed from ft. to ft. Material/a	Soil / Top Soil	,	0	12	52
Gravel placed from 267 ft. to 197 ft. Size of gravel 12-20			12	37	
(6) CASING/LINER:	Black Clay	- /		90	53'
Diameter From To Gauge Steel Plastic Welded Threaded	Fire Black		37		"
Casing: 24" 0 20 ./33 🛭	Conese Black	Stad	90	89	
16" 0 2/2 . 175 X	Genre		99	125	
16" 212 215 .50 🗶	SAND & GAME		125	132	
16" 255 260 .37 🖟 🗆	Clay		132	/35	
Liner:	Clay & Clay S	font	/35	137	
	Sand & GRAN	-/	137	157	
Final location of shoe(s)	Sand & GAME	1 - TRACE CLAY	157	160	
(7) PERFORATIONS/SCREENS:	Sand & Game		160	150	
Perforations Method W/A	Fine Sand		180	205	
Screens Type Johnson Material 304 55	Sand & Games	/	205	218	
Slot Tele/pipe	SAND I GANGE	/	218	257	
From To size Number Diameter size Casing Liner 2/5 255 .035 N/a 16" Ros 🛛	Hard Par.		257	263	
	Clay stone		263	267	
- RECEIVED	Jan Iren	-			
	12	9 5 5	1		
JUL 1 8 4003	10	000			
342104003					
WATER DESCRIPTION	Detectored 1/2	2-03 Com	pleted 5/	16/03	
(8) WELL TESTS: Min WATER CONFIGURE THE PT	Date started //- 2 (unbonded) Water Well			9-3	
Flowing	(ation or abou	adonment
Pump Bailer Air Artesian	of this well is in complia	I performed on the cor nce with Oregon water	supply well co	nstruction sta	indards.
Yield gal/min Drawdown Drall stem at Time	Materials used and inform	mation reported above	are true to the b	est of my kn	owledge
600 205 205. 1hr.	and belief.		BALLO M	mbor	
			WWC Nur		
Signed Date					
Temperature of water 55° Depth Artesian Flow Found (bonded) Water Well Constructor Certification:					
Was a water analysis done? Yes By whom North Country I accept responsibility for the construction, alteration, or abandonment work				ork ork	
Did any strata contain water not suitable for intended use? Too little performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well					
Salty Muddy Odor Colored Other	construction standards	This report is the to the	e best of my kn	owledge and	belief.
Depth of strata: 2/5 +0 255	1//		WWC Nu	mber	
	Signed			Date 6-	12-03
ODICINAL WATER RESOURCES DEPARTMENT. FIRST CORV. C.	ONSTRUCTOR OFFIC	ND COPY - CUSTON	MED		
ORIGINAL – WATER RESOURCES DEPARTMENT FIRST COPY – Co	ONSTRUCTUR SEGO.	10 COSTO!	VILIN		

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STATE OF OREGON 1 6 2003 WELL I.D. # L 4/1043 WATER RESOURCES DEPT WATER SUPPLY WELL REPORT SALEM, OREGON (as required by ORSER PRESOURCES DEPT.

Instructions for comparing this ORECOND the last page of this form. (9) LOCATION OF WELL by legal description: Well Number (1) OWNER: Manne Latitude Longitude of Woodburn. Name // N or Range 2 E or WWM. NW 1/4 Woodborn lock Subdivision (2) TYPE OF WORK Street Address of Well (or nearest address) 828 Park New Well Deepening Alteration (repair/recondition) Abandonment Wanthers OR 97071 (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Auger ft. below land surface. Date 46 Other Koverso Craculation Artesian pressure ________lb. per square inch.

(11) WATER BEARING ZONES: Date (4) PROPOSED USE: Irrigation Domestic Community Industrial Livestock Other Thermal Injection (5) BORE HOLE CONSTRUCTION: Depth at which water was first found Special Construction approval Yes No Depth of Completed Well 305 ft. Estimated Flow Rate SWL From Explosives used Yes No Type 5-10 gpm 46 0 85 SEAL HOLE 90 46 87 Sacks or pounds Diameter Material Frem 10-20 46' 0 20 110 166 0 1000 + gpH 46 178 310 2411 310 Coment 5/2 0 20 (12) WELL LOG: Method A \Box B **ø**€ Ground Elevation How was seal placed: Other From To SWL Material Material Backfill placed from ft. to 461 85 0 ft. to 237 ft. Size of gravel 6-10 Gravel placed from 310 85 87 (6) CASING/LINER: 90 87 Welded Threaded Plastic To Gauge Steel Diameter 90 110 GROY CLAY 24" 0 188 Casing: 117 110 Sahwel & Sand X 16" 252 .375 X 117 12.7 16" X 258 255 50 X 16" dy BRAVE 12Z 136 X 310 .375 X 136 140 Liner: 140 SANDY GRAVE, 160 160 Garrel 166 Final location of shoe(s) Clay 166 167 (7) PERFORATIONS/SCREENS: 169 173 Perforations Method 173 178 SANDY CLAY Material 30455. Screens 183 Tele/pipe SANdy GRAVEL 178 Casing Liner Diameter From 183 191 FINE SAND K 197 191 SANDY GRAVE/ 197 252 Black Sand 252 306 GRAVE (& SAND 310 306 Completed Date started 10-1-02 (8) WELL TESTS: Minimum testing time is 1 hour (unbonded) Water Well Constructor Certification: Flowing I certify that the work I performed on the construction, alteration, or abandonment Bailer Air Artesian Pump 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 Time Drawdown Doitt stem at Yield gal/min 1500 215 WWC Number Date Signed (bonded) Water Well Constructor Certification: Depth Artesian Flow Found I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. Was a water analysis done? Yes By whom Noath Case & Ana Did any strata contain water not suitable for intended use? Too little Salty Muddy Odor Colored Other WWC Number 1796 Depth of strata: 305 - 255 ECOND COPY - CUSTOMER ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR

SEP 1 9 2019 OWRD

W.L. (625)



STATE OF OREGON (WELL I.D.)# L 72465 WATER SUPPLY WELL REPORT (as required by ORS 537.765) (START CARD) # 168777 Instructions for completing this report are on the last page of this form. Well Number prod well #14 (9) LOCATION OF WELL by legal description: (1) OWNER: Name City of Woodburn County Marion Latitude Longitude Address 190 Garfield St Township 5 WM. Range 1 State OR Zip 97071 City Woodburn SE 1/4 SE Section 5 1/4 (2) TYPE OF WORK Tax Lot 3100 Lot Block Subdivision New Well Deepening Alteration (repair/recondition) Abandonment Street Address of Well (or nearest address) 3099 N. Pacific Hwy (3) DRILL METHOD: Woodburn, OR (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Other Reverse Circulation Rotary ft. below land surface. Date 11/11/04 (4) PROPOSED USE: Artesian pressure lb. per square inch. Date Domestic Community Industrial (11) WATER BEARING ZONES: Irrigation Thermai Injection Livestock Other (5) BORE HOLE CONSTRUCTION: Depth at which water was first found estimate 37'+ Special Construction approval Yes No Depth of Completed Well 297 ft. Explosives used Yes No Type Estimated Flow Rate SWI HOLE All sand/gravel interv als below their sta tic water level: SEAL unknown (~37'+?) 148 Sacks or pounds Not Measured NM Diameter From To Material From 30 0 6 Cement 0 167 509 sks 291 See #8 see 6 26 167 #10 20 167 (12) WELL LOG: How was scal placed: Method T A □ B **V**C D Ground Elevation Other Material Backfill placed from ft. to ft. From To SWI Material Gravel placed from 127 ft. to 302 ft. See attached formation log. Size of gravel see drawing (6) CASING/LINER: Gauge All depths are from original ground surface Steel Plastic Welded Threaded Casing: 22 167 .375 +1.5 RECEIVED П 297* +2.3 .375* V *see attached dra wing NOV 17 2004 Liner: WATER RESOURCES DEPT Final location of shoe(s) (7) PERFORATIONS/SCREENS: SALEM OREGON Perforations Method Material 304SS RECEIVED ✓ Screens Type **v-wire** Frei .060 191 cont 16 П SEP 1 9 2019 227 247 .060 PS 16 cont 260 275 .060 16 PS cont 287 292 .060 cont 16 PS OWRD (8) WELL TESTS: Minimum testing time is 1 hour Date started 9/22/04 Completed 11/11/04 (unbonded) Water Well Constructor Certification: Flowing Bailer Pump Air I certify that the work I performed on the construction, alteration, or abandonment Artesian of this well is in compliance with Oregon water supply well construction standards. Yield gal/min Time Materials used and information reported above are true to the best of my knowledge 1600 and belief. 1670 100 24 hr WWC Number 1746 48 hr 1670 102 Date 11/15/04 Senning arner Temperature of water ~55F Depth Artesian Flow Found (bonded) Water Well Constructor Certification Yes By whom Was a water analysis done? Accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in confipliance with Oregon water supply well Did any strata contain water not suitable for intended use? Too little Salty Muddy Odor Colored Other true to the best of my knowledge and belief. Depth of strata: WWC Number 649 Date 11/15/04 ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY/CONSTRUCTOR THIRD COPY-CUSTOMER

MARI 58515 MARI 58515

Mari 58515

City of Woodburn - Well #14 by Schneider Drilling Co.

		Start Card #168777 Label #L72465
FM	TO	DESCRIPTION
0	2	Top soil, brown
2	16	Clay, brown, soft
16	37	Clay, gray, soft
37	45	Sand, gray, fine
45	56	Clay, dark green, soft
56	74	Sand, black, fine-medium
74	76	Clay, brown, medium
76	78	Gravel, 1"- & sand, black, coarse-medium
78	86	Sand, black, coarse-medium w/some gravel, 3/4"-
86	106	Clay, gray, medium, sticky
	113	Gravel, 1.5"- w/sand, coarse & some clay, brown
	116	Sand, green-black, medium, cemented
	119	Clay, brown, medium, silty
	148	Gravel, 1.5"- w/sand, medium
	159	Clay, gray, sandy, fine, silty
	163	Sand, brown, medium, cemented
	166	Sand, black, medium-coarse
	167	Gravel, 1/2"- & sand, coarse
	175	Clay, grey, medium, silty
		Wood, some sand, grey
	178	
	180	Clay, grey, medium Gravel, 2"- & sand, black, medium w/some clay, brown, soft, silty
	181	
	190	Gravel, 2"- & sand, black, medium
	192	Clay, blue-green, medium w/some gravel
	196	Clay, blue-green, medium
	204	Clay, gray, medium w/gravel, 1.5"-
	207	Clay, green & gray, hard w/gravel, 1.5"- Clay, gray, medium-hard w/some gravel, 1.5"-
	212	
	227	Clay, gray, medium, silty & clay, green, medium-hard
	228	Clay, gray, medium, silty w/gravel, 1"-
	239	Gravel, 1.5"- w/some clay, brown & green, medium, silty
	240	Clay, green-grey-brown, hard-soft, silty w/some gravel, 1.5"-
	242	Clay, green-grey-brown, hard-soft, silty
	247	
	254	Clay, green-gray, soft, silty w/some gravel, 1"-
	256	
	258	Gravel, 1.5"- & sand, black, medium
		Clay, brown, soft w/some gravel, 1.5"-
	264	
	269	
		Gravel, 2"- & sand, black, coarse
	275	
	278	
	283	
	287	
	289	Clay, brown, hard w/gravel, 2"- Gravel, 2"- & sand, medium-fine, black
	291	
	293 295	Clay, brown, soft, silty Clay, green, medium
	293	Clay, green & gray, medium, silty
	302	Clay, gray, medium, silty
271	302	Olaj, Braj, modiani, sinj

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Page 1 of 1

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Attachment B Application Maps

Application for a Permit Amendment– Permits G-17730, G-17731– City of Woodburn