



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.

Check all items included with this application. (N/A = Not Applicable)

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and 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 Customer Service at (503) 986-0801.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 1**
List the Permits here: G-17743 (Attachment A)
 Please include a separate Part 5 for each permit. (See instructions on page 6)
- Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner). **(Attachment B)**
- N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>). Assignment is not needed if the applicant is the permit holder of record.
- N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- N/A Oregon Water Resources Department's Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone. **(Attachment C)**
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation. **(Attachment D)**
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).

(For Staff Use Only)

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

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Additional signature(s) required
<input type="checkbox"/> Other/Explanation _____	<input type="checkbox"/> Part _____ is incomplete

Staff: _____ 503-986-0 _____ Date: ____/____/____

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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 not 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.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- 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.
- 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°).

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Part 3 of 5 – Fee Worksheet

FEE WORKSHEET for PERMIT AMENDMENT			
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,160
2	Types of change proposed: <input type="checkbox"/> Place of Use <input checked="" type="checkbox"/> Point of Diversion/Appropriation Number of above boxes checked = <u>1</u> (2a) Subtract 1 from the number in line 2a = <u>0</u> (2b) <i>If only one change, this will be 0</i> Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » »	2	\$0
3	Number of permits included in Permit Amendment <u>1</u> (3a) Subtract 1 from the number in 3a: <u>0</u> (3b) <i>If only one permit this will be 0</i> Multiply line 3b by \$520 and enter » » » » » » » » » » » » » » » »	3	\$0
4	Do you propose to add or change a well, or change from a surface water POD to a well? <input type="checkbox"/> No: enter 0 » <input checked="" type="checkbox"/> Yes: enter \$410 »	4	\$410
5	Do you propose to change the place of use? <input checked="" type="checkbox"/> No: enter 0 on line 5 » <input type="checkbox"/> 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) and multiply 5c by \$350, then enter on line 5 » » » » » » » » » »	5	\$0
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:	6	\$1,570
7	Is this permit amendment: <input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? <input type="checkbox"/> 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	\$0
8	Subtract line 7 from line 6 » » » » » » » » » » Permit Amendment Fee:	8	\$1,570

*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:

- For irrigation calculate cfs for each permit involved as follows:
 - Divide total authorized cfs by total acres in the permit (*for S-12345, 1.25 cfs ÷ 100 ac*); then multiply by the number of acres to be changed to get the application cfs (*x 45 ac = 0.56 cfs*).
 - 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*)
- 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*).

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Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME City of St. Paul, Attn: Mike Dolan			PHONE NO. 503-633-4971	ADDITIONAL CONTACT NO.
ADDRESS 20239 Main Street NE				FAX NO.
CITY St. Paul	STATE OR	ZIP 97137	E-MAIL	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE 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/BUSINESS NAME GSI Water Solutions, Attn: Owen McMurtrey			PHONE NO. (541) 257-9005	ADDITIONAL CONTACT NO.
ADDRESS 1600 SW Western Boulevard, Suite 240				FAX NO.
CITY Corvallis	STATE OR	ZIP 97333	E-MAIL omcmurtrey@gsiws.com	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Explain in your own words what you propose to accomplish with this permit amendment; and why:
The City of St. Paul is requesting to add an additional point of appropriation (Rodeo Well) to Permit G-17743 for municipal supply. Permit G-17743 does not allow use of water during the months of July and August unless the authorized well is constructed to the Department’s satisfaction to exclude the upper water bearing zone between 60 and 87 feet below ground surface. The proposed point of appropriation, the Rodeo Well, is sealed to a depth of 198 feet.
 If you need additional space, continue on a separate piece of paper and attach to the application as “Attachment 1”.

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Is the applicant the permit holder of record? Yes 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 Completion (“C”) Date of the permit(s) in this application expired? Yes No

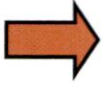
If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? **10/1/2059**

- 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.
- 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: **Woodburn Independent.**

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By my signature below, I confirm that I understand:



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

Mike Dolan
Applicant Signature

Mike Dolan
Print Name (and Title if applicable)

4/10/2020
Date

Applicant Signature

Print Name (and Title if applicable)

Date

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Check one of the following:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

Check the appropriate box, if applicable:

- Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME N/A	ADDRESS	
CITY	STATE	ZIP

- Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME N/A	ADDRESS	
CITY	STATE	ZIP



To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME City of St. Paul	ADDRESS P.O. Box 7	
CITY St. Paul	STATE OR	ZIP 97137

ENTITY NAME Marion County Planning Division	ADDRESS 5155 Silverton Rd NE	
CITY Salem	STATE OR	ZIP 97305

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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PERMIT # G-17743

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-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 1213/MARI 65144	4	S	2	W	19	SE	NE	0100	2,314 feet South and 4,150 feet East from the NW Corner Section 19
New Well	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 68037	4	S	2	W	19	SE	NE	0100	2,400 feet South and 4,085 feet East from NW Corner Section 19
Rodeo Well	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MARI 65671	4	S	2	W	19	NW	SE	1200	2,620 feet North and 1,900 feet West from the SE Corner Section 19

Check all type(s) of change(s) proposed below (change “CODES” are provided in parentheses):

- Place of Use (POU)
- Point of Diversion (POD)
- Additional Point of Diversion (APOD)
- Point of Appropriation/Well (POA)
- Additional Point of Appropriation (APOA)
- Surface water POD to Ground Water POA (SW/GW)

Will all of the proposed changes affect the entire water use permit?

- Yes Complete only the proposed (“to” lands) section of Table 2 on the next page. Use the “CODES” listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

For a change in place of use:

Does the permit holder of record own or control the land TO which the place of use is being moved?

Yes No - N/A – The water right is in the name of a municipality.

If NO, the landowner of the land TO which the place of use is being moved must be assigned to the permit as a permit holder of record by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

Is the proposed place of use contiguous to the authorized place of use? Yes No - N/A

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.

Table 2. Description of Changes to Water Use Permit # G-17443

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										PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.										
List only that part or portion of the water right that will be changed.					Proposed Changes (see "CODES" from previous page)															
Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date		
EXAMPLE																				
2	S	9	E	15	NW	100	POD #1			2	S	9	E	15	NW	100	1	10.0	POD #5	
"	"	"	"	"	"	EXAMPLE	POD #2			2	S	9	E	15	NW	200		5.0	POD #6	
										4	S	2	W	19			City Service Boundary	Well 2, New Well, Rodeo Well	4/26/1996	
TOTAL ACRES										TOTAL ACRES										

Additional remarks: _____

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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 – N/A

If YES, list the other certificate, permit, or ground water registration numbers: N/A – Permit G-17443 is for 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) **See Attachment D**

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

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Attachment A
Permit G-17743

Application for a Permit Amendment– Permit G-17743 City of St. Paul

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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 ST. PAUL
PO BOX 7
ST PAUL, OREGON 97137

This superseding permit is issued to correct a scrivener's error in the County in the superseding permit issued February 15, 2017. This permit correctly describes an amendment for an additional point of appropriation proposed under Permit Amendment Application T-12471 and corrected by Special Order Vol. 104, Page 146, entered March 14th, 2017. This permit supersedes Permit G-17728.

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14300

SOURCE OF WATER: TWO WELLS IN MISSION CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 1.25 CUBIC FEET PER SECOND

PERIOD OF USE: THE USE OF WATER FROM THE WELLS IS LIMITED TO THE PERIOD SEPTEMBER 1 THROUGH JUNE 30 UNLESS REPAIRED TO THE DEPARTMENT'S SATISFACTION TO EXCLUDE THE UPPER WATER BEARING ZONE BETWEEN 60 AND 87 FEET BELOW LAND SURFACE.

THE USE OF WATER IS ALLOWED YEAR ROUND IF REPAIRED TO THE DEPARTMENT'S SATISFACTION TO EXCLUDE THE UPPER WATER BEARING ZONE BETWEEN 60 AND 87 FEET BELOW LAND SURFACE.

DATE OF PRIORITY: APRIL 26, 1996

WELL LOCATIONS:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
4 S	2 W	WM	19	SE NE	WELL 2 - 2314 FEET SOUTH AND 4150 FEET EAST FROM THE NW CORNER OF SECTION 19
4 S	2 W	WM	19	NW SE	NEW WELL - 2400 FEET SOUTH AND 4085 FEET EAST FROM THE NW CORNER OF SECTION 19

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE SERVICE BOUNDARIES OF THE CITY OF ST. PAUL

Permit Amendment T-12471 conditions

The combined quantity of water diverted at the new point of appropriation (New Well), together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.

Water shall be acquired from the same aquifer as the original point of appropriation.

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, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- 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.

The water user 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 wells. The plan shall be submitted to the Department within one year of the date the permit is issued and shall be 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 wells 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 (or replacement well) 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 water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the wells. Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/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 water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

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STANDARD CONDITIONS

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the wells shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

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

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.

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 the 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 finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2059. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued MAR 14 2017, 2017



Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office.

16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

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Attachment B
Application Map

Application for a Permit Amendment— Permit G-17743 City of St. Paul

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**Well 2 – MARI 1213/MARI 65144
New Well – MARI 68037
Rodeo Well MARI 65671**

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**Attachment D
Well Logs**

Application for a Permit Amendment– Permit G-17743 City of St. Paul

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The original and first copy of this report are to be filed with the

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WATER WELL REPORT

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

JUL 26 1979

STATE OF OREGON (Please type or print)

State Well No. 4s/zw-19 State Permit No.

WATER RESOURCES DEPT write above this line SALEM OREGON

MAR 2 1983

(1) OWNER:

Name City of St. Paul Well #2 Address St. Paul, Oregon 97137

(10) LOCATION OF WELL:

County Marion Driller's well number 7903 1/4 1/4 Section 19 T. 4S R. 2W W.M. Bearing and distance from section or subdivision corner

(2) TYPE OF WORK (check):

New Well XX Deepening Reconditioning Abandonment If abandonment, describe material and procedure in Item 12.

(11) WATER LEVEL: Completed well.

Depth at which water was first found ft. Static level 42 ft. below land surface. Date 6-18-79 Artesian pressure lbs. per square inch. Date

(3) TYPE OF WELL:

(4) PROPOSED USE (check):

Rotary Cable Dug Driven Jetted Bored Domestic Industrial Municipal Irrigation Test Well Other

(12) WELL LOG:

Diameter of well below casing ft. Depth drilled 275 ft. Depth of completed well 258 ft.

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.

Table with columns: MATERIAL, From, To, SWL. Content: See sheet attached

(5) CASING INSTALLED:

Threaded Welded Diam. See Sheet Attached ft. Gage Diam. from ft. to ft. Gage Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? Yes No Type of perforator used mill cut Size of perforations in. by 2 1/2 in. 480 perforations from 125' 11" ft. to 147' 8" ft. 1272 perforations from 157' 8 1/2" ft. to 216' 2" ft. 480 perforations from 233' ft. to 254' 9" ft.

(7) SCREENS:

Well screen installed? Yes No Manufacturer's Name Type Model No. Diam. Slot size Set from ft. to ft. Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? Yes No If yes, by whom? SEI Yield: gal./min. with ft. drawdown after hrs. See Sheet Attached Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

9 yds 5 sk ready Mix concrete Well seal—Material used Well sealed from land surface to 27 ft. Diameter of well bore to bottom of seal 32 in. Diameter of well bore below seal 32 in. Number of sacks of cement used in well seal 45 sacks How was cement grout placed? poured from top down tremie chute (see attached letter)

Work started 5-22 1979 Completed 6-21 1979 Date well drilling machine moved off of well 6-21 1979

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. [Signed] Date 7-12, 1979 Drilling Machine Operator's License No. 1121

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Name Schneider Equipment, Inc. Address 21281 River Rd NE, St Paul, Or 97 [Signed] Date 7-12, 1979 Contractor's License No. 649

Was a drive shoe used? Yes No plugs Size: location ft. Did any strata contain unusable water? Yes No Type of water? depth of strata Method of sealing strata off Was well gravel packed? Yes No Size of gravel: 3/4 Gravel placed from 27 ft. to bottom ft.

City of St. Paul Well No. 2

7903

Test Report

Date of Test: June 16, 1979 By: Schneider Equipment, Inc.

Time of Day	Water Level (below ground)	Gallons Per Minute	Remarks
9:20 a	49½	0	Measured static
9:25 a	various	various	Started pump - rawhiding
9:40 a	91½	2150	Started steady pumping - cloudy w/ some sand
9:55 a	101	2025	cloudy w/ some sand
10:10 a	104½	1925	cloudy w/ some sand
10:25 a	107	1875	cloudy w/ some sand
10:40 a	109	1850	cloudy w/ some sand
10:55 a	110½	1800	cloudy w/ some sand
11:10 a	110½	1800	cloudy w/ some sand
11:25 a	110½	1800	cloudy w/ some sand
11:40 a	110½	1775	cloudy w/ some sand
11:55 a	110½	1775	cloudy w/ some sand
12:10 p	109½	1725	cloudy w/ some sand
12:25 p	109	1675	cloudy w/ some sand
12:40 p	109	1675	cloudy w/ some sand
12:55 p	109	1675	cloudy w/ some sand
1:10 p	109	1625	cloudy w/ some sand
1:25 p	109	1625	slightly cloudy - no sand
1:40 p	109	1625	clear
1:45 p	107½	1400	clear - slowed pump
1:50 p	105½	1400	clear
2:00 p	105½	1400	clear
2:05 p	105½	1400	clear
2:10 p	105½	1400	clear
2:20 p	99½	1025	clear
2:25 p	95½	1025	clear
2:30 p	94½	1025	clear
2:35 p	93½	1025	clear
2:40 p	93½	1025	clear
2:45 p	93½	1025	clear
2:50 p	93½	1025	clear
3:05 p	91½	420	clear

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JUL 26 1979
WATER RESOURCES DEPT
SALEM, OREGON

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APR 24 2020

OWRD

Time of Day	Water Level (Below ground)	Velocity per minute	Notes
7:10 a	86½	420	clear
7:15 a	79½	420	clear
7:20 a	76½	420	clear
7:25 a	76½	420	clear
7:30 a	76½	420	clear
7:35 a	76½	0	stopped pump
7:40 a	72½	0	
7:45 a	70½	0	
7:50 a	69½	0	
7:55 a	69	0	
8:00 a	68	0	
8:05 a	66½	0	
8:10 a	65½	0	
8:15 a	63½	0	
8:20 a	63	0	
8:25 a	61½	0	
8:30 a	61	0	

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APR 24 2020

OWRD

Milo
Town

Water Resources Department

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8455

May 24, 1978

Milo Schneider
Schneider Equipment, Inc.
21881 River Road N.E.
St. Paul, Oregon 97137

Dear Mr. Schneider:

Please accept my apologies for the delay in responding to your recent letter requesting special standards for the use of concrete instead of cement grout as sealing material in large diameter wells that provide excessive open annulus in the drill hole wall and the outside casing of the well. You are hereby granted special permission to use concrete instead of cement with the following provisions and conditions:

- 1) Concrete shall consist of clean, hard, durable aggregate, and not less than five sacks of Portland cement per cubic yard of concrete. Maximum diameter of the aggregate shall not exceed 3/4 of a foot.
- 2) If the well to be sealed is not dry, concrete shall be placed to the bottom of the seal zone upward in one continuous placement.
- 3) In the event the annular space to be sealed is dry concrete shall be placed through a tremie pipe to prevent segregation of the aggregate and cement mixture and to prevent bleed.
- 4) The space between the sealing surfaces of all casings and between all cements and the bore hole shall exceed 3-inches or more.

Special standards to construct a well as described above shall not be applied to all wells constructed in such a manner. Special standards on the well reports of all wells shall be in the...

Sincerely,

WILLIAM B. MCGRAW
Geologist

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APR 24 2020

OWRD

18187

SCHNEIDER EQUIPMENT, INC.

21881 River Road N.E. St. Paul, Oregon 97137 (503) 633-2666

June 18, 1979

Department of Human Resources
Health Division
1400 S. W. 5th Ave.
Portland, Ore. 97201

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APR 24 2020

Attention: A. D. Smythe

OWRD

Dear Sir,

Enclosed is a preliminary log and casing data for a well drilled at the city of St. Paul. This well was drilled with reverse circulation 32" diameter and 12" casing and 6" gravel feed were installed. The 6" gravel feed will be pulled to approximately 30' to 35' before the seal is placed.

We would like approval for the use of ready mix in the seal of this well for the following reasons:

- (1) better job
- (2) cheaper
- (3) faster
- (4) as ready mix falls it tends to push out tighter to the bore hole
- (5) the aggregate in ready mix is not as prone to shrinkage

Following is information on the well test:

1625 gpm after 4 hours from 109' PL from grd level
1400 gpm after 4½ hours from 105½ PL from grd level
1025 gpm after 5 hours from 93½ PL from grd level
420 gpm after 5 ¾ hours from 86½ PL from grd level

We trust this is sufficient information for you to make a decision.

Sincerely yours,

Milo O. Schneider

13430

MOS/rs

Milo Schneider

Discussed this with Al Petska on 6-18-79. I told him that I felt redmix in the annular space between 12" casing and 32" hole would be OK. A.D. Smythe

Material	From	To
Overburden	0	3
Clay, brown, silty	3	26
Clay, brown, hard, dry	26	35
Clay, brown, silty	35	44
Clay, brown & Grey, silty	44	56
Clay, brown	56	60
Sand, blue grey, med fine, lightly cemented	60	66
Sand, brown & grey, med fine	66	75
Sand, grey, med with some fine gravel	75	82
Sand, grey, med fine	82	87
Clay, blue	87	92
Clay, grey	92	102
Clay, grey with some fine sand & wood chips	102	114
Clay, grey	114	121
Sand, fine, grey with some grey clay	121	128
Sand, med fine, grey	128	135
Sand, med, grey with some gravel & wood chips	135	138
Gravel, med to coarse	138	145
Clay, soft	145	149
Clay, blue gray, med soft	149	157
Clay, green, soft	157	165
Clay, green, very gritty - sandy	165	170
Sand, grey-green, coarse	170	173
Clay, grey, medium	173	177
Sand, coarse & occasional gravel to 1"	177	179
Clay, grey med	179	190.
Clay, grey, soft silty	190	193
Sand, fine, dark grey w/ some clayturning to 1" gravel	193	196
Clay, grey, medium	196	200
Sand, dark grey, fine	200	203
Sand & pea gravel, dark grey, coarse	203	211
Clay, grey, medium	211	215
Sand, dark grey, coarse w/ some pea gravel	215	219
Clay, grey, soft, silty	219	226
Clay, grey-green, medium gritty	226	238
Sand, dark grey, medium	238	243
Clay, grey, medium	243	247
Sand, dark grey, coarse w/ pea gravel	247	250 $\frac{1}{2}$
Clay, grey, med soft	250 $\frac{1}{2}$	252
Sand, black coarse	252	253
Clay, grey, medium w/ some gravel	253	255
Clay, grey, medium	255	271
Clay, grey, soft silty	271	275

(5) Casing Installed

12" Diam. from	+2'6" to	45'9"	Gage	.375
12" Diam. from	45'9" to	125'11"	"	.330
12" Diam. from	125'11" to	254'9"	"	.375
12" Diam. from	254'9" to	274'9"	"	.330
6" Diam. from	+2' to	27'11"	"	.250 (Gravel Feed)

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APR 24 2020

OWRD

WESTERBERG DRILLING, INC.
3672 S. Kropf Rd.
Molalla, OR 97038

STATE OF OREGON
WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

WELL I.D. # L 110568

START CARD # 210267

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

(1) **LAND OWNER** Well Number 2
 Name City of St. Paul
 Address 20239 Main St. Box 7
 City St. Paul State OR Zip 97137

(2) **TYPE OF WORK** New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

(3) **DRILL METHOD**
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other Pump Hoist

(4) **PROPOSED USE**
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other Municipal

(5) **BORE HOLE CONSTRUCTION** Special Construction: Yes No
 Depth of Completed Well 250 ft.
 Explosives used: Yes No Type _____ Amount _____

BORE HOLE		SEAL		Sacks or Pounds
Diameter	From To	Material	From To	
See MARI 1213				

How was seal placed: Method A B C D E
 Other _____

Backfill placed from 261' 2" ft. to 250 ft. Material Cement
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) **CASING/LINER**

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	See MARI 1213			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) **PERFORATIONS/SCREENS**
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
See MARI 1213						<input type="checkbox"/>	<input type="checkbox"/>

(8) **WELL TESTS: Minimum testing time is 1 hour**
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100	5.6'		1 Hr.
500	36'		13 Hr.
300	25.75'		40 Hr.
150	15.75'		65 Hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) **LOCATION OF WELL (legal description)**
 County Marion
 Tax Lot 100 Lot Block 42
 Township 4 S Range 2 W WM
 Section 19 NW 1/4 SE 1/4

Lat _____ " or _____ (degrees or decimal)
 Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) SE Corner of 3rd & Park St.
St. Paul, OR 97137

(10) **STATIC WATER LEVEL**
32' 8" ft. below land surface. Date 03/07/2014
 _____ ft. below land surface. Date _____
 Artesian pressure _____ lb. per square inch Date _____

(11) **WATER BEARING ZONES**
 Depth at which water was first found See MARI 1213

From	To	Estimated Flow Rate	SWL
See MARI 1213			

(12) **WELL LOG** Ground Elevation _____

Material	From	To	SWL
Removed sand & filter pack gravel from 215' to 261' 2"			
Video inspected well.			
Pumped 8.5 sacks of cement in bottom of casing to prevent possible bottom hole heave.			
Reinstalled owner's pump and performed pump test.			

RECEIVED BY OWRD
 MAR 20 2014

Date Started 02/25/2014 Completed 03/07/2014
 SALEM, OR

(unbonded) **Water Well Constructor Certification**
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1487 Date 03/07/2014
 Signed [Signature]

(bonded) **Water Well Constructor Certification**
 I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 687 Date 03/17/2014
 Signed [Signature]

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APR 24 2020

13430

OWRD

(1) LAND OWNER
Owner Well I.D. SP-1
First Name _____ Last Name _____
Company CITY OF ST PAUL
Address 20239 MAIN ST NE
City ST. PAUL State OR Zip 97137

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

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

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other ABANDON IN PLACE

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other MUNICIPAL / LIVESTOCK

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
Depth of Completed Well 25.00 ft.
BORE HOLE SEAL
Dia From To Material From To Amt sacks/lbs
8 0 25 Cement 0 5 282 P
Calculated 290
Bentonite Chips 5 25 8 S
Calculated 8

How was seal placed: Method A B C D E
 Other ABANDON IN PLACE
Backfill placed from 0 ft. to 25 ft. Material CEMENT / BENT CH
Filter pack from ____ ft. to ____ ft. Material ____ Size ____
Explosives used: Yes Type ____ Amount ____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount 8.00 Sacks Actual Amount 8.00 Sacks

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd

Shoe Inside Outside Other Location of shoe(s) ____
Temp casing Yes Dia From + _____ To _____

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

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
Temperature 56 °F Lab analysis Yes By ____
Water quality concerns? Yes (describe below) TDS amount 100 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County MARION Twp 4.00 S N/S Range 2.00 W E/W WM
Sec 19 SW 1/4 of the NE 1/4 Tax Lot ROW
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address
20269 MAIN ST NE
ST PAUL, OR 97137

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 8/6/2018 15
Completed Well
Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found _____
SWL Date From To Est Flow SWL(psi) + SWL(ft)
8/6/2018 15 25 15

(11) WELL LOG
Ground Elevation _____
Material From To
Abandon 8" Clay cased waterwell in place 0 25
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APR 24 2020
OWRD

Date Started 8/6/2018 Completed 8/6/2018
(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number 10618 Date 8/7/2018
Signed CHRISTOPHER BAKER (E-filed)

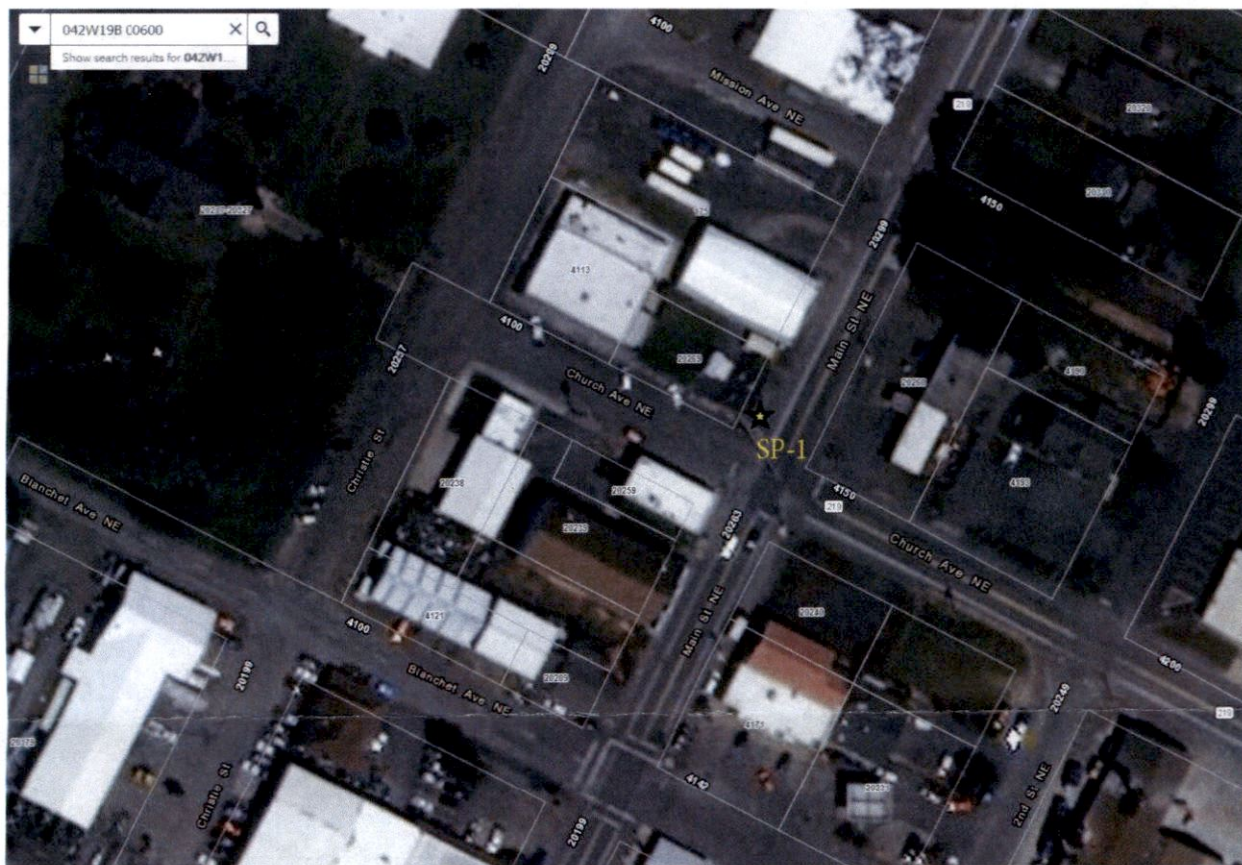
(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1786 Date 8/7/2018
Signed JOSEPH STALOCH (E-filed)
Contact Info (optional) _____

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MARI 68037
MAP 042W19B C0600

8/7/2018

Map of Hole



MARION COUNTY, OREGON
 SW1/4 NE1/4 SEC19 T4S R2W W.M.
 SCALE 1" = 100'

LEGEND

- LINE TYPES**
- Taxlot Boundary
 - Road Right-of-Way
 - Railroad Right-of-Way
 - Private Road ROW
 - Subdivision/Plat Bndry
 - Waterline - Taxlot Bndry
 - Historical Boundary
 - Easement
 - Railroad Centerline
 - Taxcode Line
 - Map Boundary
 - Waterline - Non Bndry

- CORNER TYPES**
- + 1/25TH Section Cor.
 - ⊙ DLC Corner
 - ⊕ 1/4 Section Cor.
 - ⊕ 16 15 Section Corner
 - ⊕ 21 22 Section Corner

NUMBERS
 Tax Code Number
000 00 00 0

Acresage 028 AC
 All acres listed are Net Acres, excluding any portions of the taxlot within public ROWs

NOTES
 Tick Marks: A tick mark in the road indicates that the labeled dimension extends into the public ROW



CANCELLED NUMBERS

1000	
1899	
2100	
2200	
3000	
3600A1	
3600H1	
4100	
4300	
4500	
4600A1	
5000	

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APR 24 2020
OWRD

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

WELL I.D. LABEL# L 100760
 START CARD # 208768
 ORIGINAL LOG #

(1) LAND OWNER
 Owner Well I.D. _____
 First Name _____ Last Name _____
 Company St. Paul Rodeo Association
 Address PO Box 175
 City St. Paul State OR Zip 97137

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

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

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

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

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 309 ft.
 BORE HOLE

Dia	From	To	Material	SEAL From	To	Amt	sacks/lbs
20	0	209	Bentonite	0	47	118	S
16	209	320				45	
						64	

How was seal placed: Method A B C D E
 Other bent pour & probe
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 171 ft. to 271 ft. Material CSSI Size 8x12
 Explosives used: Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount	Pounds	Actual Amount	Pounds

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
pitless unit 15x16			2	4	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16			4	198	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 A 12x10			170.4	174.1	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 10			174.1	194	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Y 10			199	201	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

 Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type v-wire wrap Material 304SS

Perf/ Screen Liner	Casing/ Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Scree	10	194	199	0.04			PS
Scree	10	201	216	0.04			PS
Scree	10	272.7	277.7	0.04			PS
Scree	10	284.6	299.6	0.04			PS

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
450	118		11.5

 Temperature 56 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount 135

From	To	Description	Amount	Units

 APR 24 2020

(9) LOCATION OF WELL (legal description)
 County MARION Twp 4 S N/S Range 2 W E/W WM
 Sec 19 NW 1/4 of the SE 1/4 Tax Lot 1200
 Tax Map Number 042W19DB Lot _____
 Lat _____ " or 0 DMS or DD
 Long _____ " or 0 DMS or DD
 Street address of well Nearest address
 NA - Malo Ave, St. Paul, OR (near 2nd St)

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration Completed Well	Date	SWL(psi)	+ SWL(ft)
	04-27-2015		34

 Flowing Artesian? Dry Hole?
 WATER BEARING ZONES Depth water was first found 64

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
04-27-2015	198	300	500		34

 sand/gravel formations: N.M., 64, 195, ?
 Sand/Gravel formations: 04-27-2015, 198, 300, 500, 34

(11) WELL LOG
 Ground Elevation _____

Material	From	To
Top soil, brown	0	2
Clay, brown, soft, silty	2	26
Clay, grey, silty, medium	26	64
Sand, dark grey, medium-fine, slightly cemented	64	69
Sand, black, fine-medium & gravel, 1/2" minus	69	74
Clay, grey, medium	74	77
Sand, dark grey, fine-medium, slightly cemented	77	80
Clay, grey, medium	80	89
Clay, green, soft-medium, sticky	89	102
Clay, brown & grey, soft-med, sandy w/wood	102	115
Sand, black, medium-coarse	115	120
Clay, grey, soft	120	126
Gravel, 1.25" - w/some sand	126	149
Clay, blue-grey, soft-medium	149	154
Clay, dark green, soft, sandy	154	174
Sand, black, med-coarse w/gravel, 1"-	174	176
Clay, blue-grey, soft	176	179
Clay, green, soft	179	192
Sand, black, fine	192	195

 Date Started 03-10-2015 Completed 04-27-2015

(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number 1927 Date 04-29-2015
 Signed *Ron Smith*

(bonded) Water Well Constructor Certification
 I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 License Number 649 Date 04-29-2015
 Signed *Stephen Schmidt* RECEIVED BY OI
 Contact Info (optional) _____

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Material		From	To	Amt		sacks/lbs		

(5) BORE HOLE CONSTRUCTION

BORE HOLE			SEAL				sacks/
Dia	From	To	Material	From	To	Amt	lbs
			Bentonite	193	198	6	S
					Calculated	5	
					Calculated		
					Calculated		
					Calculated		

FILTER PACK

From	To	Material	Size
271	320	CSSI	6x9

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
	10		216	272.7	.25				
	10		277.7	284.6	.25				
	10		299.6	309.6	.25				

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)

(11) WELL LOG

Material	From	To
Gravel, 1"- w/sand	195	196
Clay, grey, soft	196	198
Gravel, 1"- w/sand, black, coarse	198	200
Clay, green, soft, sandy	200	201
Sand, black, medium w/gravel, 1"-	201	214
Sand, black, medium & gravel, 1"- w/some wood	214	216
Clay, green-grey, soft, sandy	216	239
Sand, black, fine-med w/clay, green-grey, soft	239	248
Clay, green-grey, med w/sand, black, coarse-med	248	254
Clay, brown, soft, silty	254	264
Sand, brown, fine-medium w/some clay, brown, soft	264	269
Clay, brown, soft, sandy	269	272
Gravel, 1"- w/sand, black, coarse-med & clay, blue	272	278
Clay, dark grey, medium	278	284
Sand, black, medium & gravel, 2"-	284	289
Gravel, 1.5"- w/clay, blue	289	295
Gravel, 1.5"-	195	300
Clay, green, medium, silty	300	304
Clay, blue-grey, med, sandy w/some gravel, 1"-	304	312
Clay, grey medium	31	316
Clay, green, medium	316	320

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Comments/Remarks

Bore diameters are nominal.
 Pitless unit has 8" discharge.
 Top of screen assembly has 'J' receptor on top of 12x10 concentric bell reducer.
 Bottom of screen assembly has steel plate.

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April 9, 2020

Kelly Starnes
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon, 97301

Dear Kelly:

Please find enclosed a permit amendment application to add points of appropriation and change the authorized place of use under Permit G-17743 in the name of the City of St. Paul (City). The City is requesting to add a point of appropriation (Rodeo Well) to Permit G-17743. Permit G-17743 is conditioned to allow the use of water during July and August if the City modifies its well to exclude the water bearing zone from 60 to 87 feet below ground surface. The Rodeo Well is sealed to a depth of 198 feet below ground surface. New Well, which was previously added to the permit through permit amendment T-12471 was abandoned. The City is seeking to increase supply and improve reliability of potable water supply. The required fee of \$1,570 is also enclosed.

Please contact me at 541-257-9005 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads "Owen McMurtrey". The signature is written in a cursive, slightly slanted style.

Owen McMurtrey
Water Resources Consultant

Enclosures: Permit Amendment Application
\$1,570 application fee

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APR 24 2020

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