

# Application for Permit Amendment

## Part 1 of 5 – Minimum Requirements Checklist



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

**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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**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](http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator).
- 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-18545**  
 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).
- 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.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- 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):**

___ Application fee not enclosed/insufficient	___ Map not included or incomplete
___ Land Use Form not enclosed or incomplete	___ Part ___ is incomplete
___ Additional signature(s) required	
Other/Explanation _____	
Staff: _____ 503- _____ Date: ____/____/____	



## Part 2 of 5 – Permit Amendment Map Checklist

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.

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- 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°).







## Part 4 of 5 – Applicant Information and Signature

### Applicant Information

APPLICANT/BUSINESS NAME <b>City of Echo, ATTN: David Slaght, City Administrator</b>		PHONE NO. <b>541-376-6038</b>	ADDITIONAL CONTACT NO. -
ADDRESS <b>PO Box 9</b>		FAX NO. -	
CITY <b>Echo</b>	STATE <b>OR</b>	ZIP <b>97826</b>	E-MAIL <b>dave@echo-oregon.com</b>
<b>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.</b>			

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

AGENT/BUSINESS NAME <b>Theodore Ressler, RG, CWRE / Summit Water Resources</b>		PHONE NO. <b>503-967-7050 x204</b>	ADDITIONAL CONTACT NO. -
ADDRESS <b>4784 SE 17<sup>th</sup> Avenue, Suite 111</b>		FAX NO. -	
CITY <b>Portland</b>	STATE <b>OR</b>	ZIP <b>97202</b>	E-MAIL <b>tressler@summitwr.com</b>
<b>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.</b>			

Explain in your own words what you propose to accomplish with this permit amendment; and why:  
**The City of Echo wishes to add a point of appropriation (Stanfield Well 5, UMAT-57155) to Permit G-18545 to more efficiently use the authorized capacity of Permit G-18545 to reliably provide municipal supply for the City of Echo. The proposed point of appropriation is located within the same subarea as the authorized points of appropriation on Permit G-18545 (Stage Gulch Critical Groundwater Area, Subarea A).**

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.

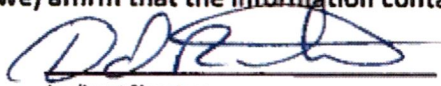
If NO, what are the completion dates of the permit(s)? **10/1/2028**

- 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.

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 East Oregonian**

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

  
Applicant Signature

**David Slaght, City Administrator**  
Print Name (and Title if applicable)

Date

**5-17-23**

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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.

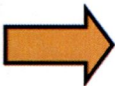
**Check the appropriate box, if applicable:**

- 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	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	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 <b>City of Stanfield</b>	ADDRESS <b>PO Box 369, 160 South Main St</b>	
CITY <b>Stanfield</b>	STATE <b>OR</b>	ZIP <b>97875</b>

ENTITY NAME <b>City of Echo</b>	ADDRESS <b>PO Box 9</b>	
CITY <b>Echo</b>	STATE <b>OR</b>	ZIP <b>97826</b>

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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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.

PERMIT # G-18545

**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)
Stanfield Well 5	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	UMAT-57155	3N	29E	5	SESE	1509	877 feet north and 233 feet west from the SW corner of Section 5, T3N, R29E (W.M.)
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	UMAT-1314, 1313	3N	29E	16	NENE	100	South 17 degrees 41 minutes 8 seconds west 1,146 feet from NE corner of Section 16, T3N, R29E (W.M.)
Well 4	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	UMAT-1311, 5842	3N	29E	16	SENE	100	South 22 degrees 2 minutes 29 seconds west 1,959 feet from NE corner of Section 16, T3N, R29E (W.M.)
Well 6A	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NOT CONSTRUCTED	3N	29E	9	SENW	400	2,530 feet south and 2,510 feet east from the NW corner of Section 9, T3N, R29E (W.M.)
Well 6B	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NOT CONSTRUCTED	3N	29E	9	SWNW	400	2,155 feet south and 765 feet east from the NW corner of Section 9, T3N, R29E (W.M.)

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 **NA**

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 **NA**



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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**Repetition of Changes to Water Use Permit # G-18545**

Changes proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change. If more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) that appears on the certificate BEFORE PROPOSED CHANGES							Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.									
Sec	¼ ¼	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	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	POD(s) or POA(s) to be used (from Table 1)		
							APOA	3	N	29	E	5	S½ SE	-	-	-	Well 2, Well 4, Well 6a, Well 6b, Stanfield Well 5
							APOA	3	N	29	E	8	E ½	-	-	-	
							APOA	3	N	29	E	9	NW NE	-	-	-	
							APOA	3	N	29	E	9	S½ NE	-	-	-	
							APOA	3	N	29	E	9	NW ¼	-	-	-	
							APOA	3	N	29	E	10	S ½	-	-	-	
							APOA	3	N	29	E	10	W½ SW	-	-	-	
							APOA	3	N	29	E	10	SE SW	-	-	-	
							APOA	3	N	29	E	15	NW ¼	-	-	-	
							APOA	3	N	29	E	16	N½ SW	-	-	-	
							APOA	3	N	29	E	16	N½	-	-	-	
							APOA	3	N	29	E	16	NE SW	-	-	-	
							APOA	3	N	29	E	16	N½ SE	-	-	-	
							APOA	3	N	29	E	17	SE SE	-	-	-	
							APOA	3	N	29	E	17	NE NE	-	-	-	
TOTAL ACRES								TOTAL ACRES				NA					

Remarks: The applicant is requesting to add an additional point of appropriation. No changes to the place of use or designated beneficial use are requested.

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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 However, Permit G-18545 is a municipal water right and does not layer with other water rights.

If YES, list the other certificate, permit, or ground water registration numbers: Permit G-64 and Certificate 92295 (additional municipal use water rights held by the City of Echo)



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](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.

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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
Well 6A	No	NA	1500'	16"	0-1275'	0-1275'	1275-1500'	'--	Basalt, Subarea A, Stage Gulch CGWA	2,198
Well 6B	No	NA	1500'	16"	0-1275'	0-1275'	1275-1500'	'--	Basalt, Subarea A, Stage Gulch CGWA	2,198

See Attachment 3 for Well Logs for constructed authorized and proposed points of appropriation

As previously noted, the proposed APOA (Stanfield Well 5, UMAT-57155) is within the same subarea as the authorized POAs on Permit G-18545 (Stage Gulch Critical Groundwater Area, Subarea A).

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**Attachment 2**  
**Water Right**

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This Permit is Hereby Issued to:  
 City of Echo  
 PO Box 669  
 Echo, Oregon 97826

This superseding permit is issued to describe an amendment for additional points of appropriation proposed under Permit Amendment Application T-13270 and approved by Special Order Vol. 121, Page 749, entered October 10, 2021, and to describe five extensions of time for complete application of water approved August 3, 2006, and a Water Management and Conservation order approved August 28, 2012. This permit supersedes Permit G-8546.

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 4.9 cubic feet per second (cfs) measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from Wells #2 and #4 being 2.9 cfs from Well #2 and 2.0 cfs from Well #4.

The use to which water is to be applied is Municipal.

#### Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	29 E	WM	16	NE NE	WELL 2 - SOUTH 17 DEGREES 41 MINUTES 08 SECONDS WEST 1146.1 FEET FROM THE NE CORNER OF SECTION 16
3 N	29 E	WM	16	SE NE	WELL 4 - SOUTH 22 DEGREES 02 MINUTES 29 SECONDS WEST 1959.6 FEET FROM THE NE CORNER OF SECTION 16
3 N	29 E	WM	9	SE NW	WELL 6A - 2530 FEET SOUTH AND 765 FEET EAST FROM THE NW CORNER OF SECTION 9
3 N	29 E	WM	9	SW NW	WELL 6B - 2155 FEET SOUTH AND 765 FEET EAST FROM THE NW CORNER OF SECTION 9

#### Authorized Place of Use:

Twp	Rng	Mer	Sec	Q-Q
3 N	29 E	WM	5	S 1/2 SE
3 N	29 E	WM	8	E 1/2
3 N	29 E	WM	9	NW NE
3 N	29 E	WM	9	S 1/2 NE
3 N	29 E	WM	9	NW
3 N	29 E	WM	10	S 1/2
3 N	29 E	WM	10	W 1/2 SW
3 N	29 E	WM	10	SE SW
3 N	29 E	WM	15	NW 1/4
3 N	29 E	WM	16	N 1/2 SW

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Twp	Rng	Mer	Sec	Q-Q
3 N	29 E	WM	16	N 1/2
3 N	29 E	WM	16	NE SW
3 N	29 E	WM	16	N 1/2 SE
3 N	29 E	WM	17	SE SE
3 N	29 E	WM	17	NE NE

If for irrigation, this appropriation shall be limited to ..... of one cubic foot per second or its equivalent for each acre irrigated and shall further be limited to a diversion of not to exceed ..... acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer. The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn. The works constructed shall include an airline and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

*Extension of Time Conditions*

The water user shall develop a plan to monitor and report the impact of water user 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 Extension Order 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/and adequate substitute such as water levels in nearby wells.

*Water Management and Conservation Plan*

The City of Echo shall submit a progress report containing the information required under OAR 690-086-0120(4) by August 28, 2017.

*Transfer T-13270 Conditions:*

The combined quantity of water diverted at the new points of appropriation (Well 6A and Well 6B), together with that diverted at the old points of appropriation (Well #2 and Well #4), shall not exceed the quantity of water lawfully available at the original points of appropriation (Well #2 and Well #4).

*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 (new and existing).
- 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.

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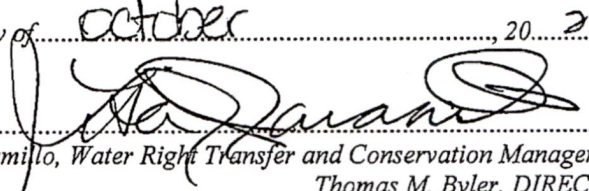


Water shall be acquired from the same aquifer as the original points of appropriation (Well #2 and Well #4).

The priority date of this permit is ....June 21, 1978.....

Actual construction work shall begin on or before .....May 30, 1980..... and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 2028....Complete application of the water to the proposed use shall be made on or before

October 1, 2028...WITNESS my hand this... 6 ...day of... October ... , 20... 21 .....



Lisa Jaramillo, Water Right Transfer and Conservation Manager, for  
Thomas M. Byler, DIRECTOR

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**Attachment 3**  
**Well Logs**

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UMAT 1313

NOTICE TO WATER WELL CONTRACTOR

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

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WATER WELL REPORT

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

STATE OF OREGON (Please type or print)

State Well No. 3N/29-16 G-8546 #2 State Permit No.

(1) OWNER:

Name City of Echo Address Echo, Oregon

(2) LOCATION OF WELL:

County Umatilla Driller's well number 1/4 NE 1/4 Section 16 T. 3 R. 29 W.M. Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

Well [ ] Deepening [x] Reconditioning [ ] Abandon [ ] Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [x] Irrigation [ ] Test Well [ ] Other [ ]

(5) TYPE OF WELL:

Rotary [ ] Driven [ ] Cable [x] Jetted [ ] Dug [ ] Bored [ ]

(6) CASING INSTALLED:

Threaded [ ] Welded [ ] Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? [ ] Yes [ ] No Type of perforator used Size of perforations in. by in. perforations from ft. to ft.

(8) SCREENS:

Well screen installed? [ ] Yes [ ] No Manufacturer's Name Model No. in. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Depth of seal ft. Was a packer used? Diameter of well bore to bottom of seal in. Were any loose strata cemented off? [ ] Yes [ ] No Depth

(10) WATER LEVELS:

Static level 315 ft. below land surface Date 6-20-64 Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [x] Yes [ ] No If yes, by whom? Contractor Yield: 300 gal./min. with 0 ft. drawdown after 5 hrs.

(12) WELL LOG:

Diameter of well below casing 8 Depth drilled ft. Depth of completed well 820 ft. Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns: MATERIAL, FROM, TO. Rows: Rock gray hard (495-557), Rock black soft (557-592), Rock gray hard (592-671), Rock gray medium (671-686), Rock gray soft (686-700), Rock red medium (700-704), Rock gray soft (704-715), Rock gray hard (715-731), Rock gray medium (731-739), Rock gray hard (739-761), Rock gray soft (761-782), Rock gray hard (782-798), Rock black soft (water) (798-813), Rock gray hard (813-820)

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Work started 5-26-64 19 Completed 6-20-64 19 Date well drilling machine moved off of well 6-21-64 19

(13) PUMP:

Manufacturer's Name Type: H.P.

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 Ben Dreyer Drilling Contractor (Person, firm or corporation) (Type or print) Address Rt. 1 Box 225 Hermiston, Ore.

Drilling Machine Operator's License No. 126

[Signed] Ben Dreyer (Water Well Contractor)

Contractor's License No. 12 Date 6-25-64 19



# UMAT 1314 Well Record

STATE ENGINEER  
Salem, Oregon

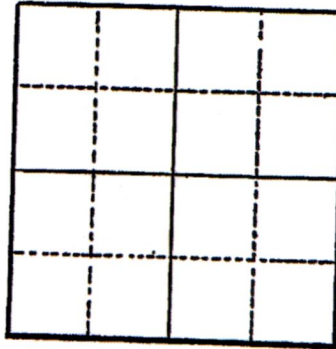
UMAT  
1314

STATE WELL NO. 3N/29-16A(1)  
COUNTY Umatilla Co.  
APPLICATION NO. U-175

OWNER: City of Echo MAILING ADDRESS: \_\_\_\_\_

LOCATION OF WELL: Owner's No. 2 CITY AND STATE: \_\_\_\_\_

NE 1/4 NE 1/4 Sec. 16 T. 3 N. E. S. R. 29 W., W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_



Section 16

Altitude at well \_\_\_\_\_

TYPE OF WELL: drilled Date Constructed 1945-47

Depth drilled 520 Depth cased \_\_\_\_\_

CASING RECORD:

- 12"
- 10"
- 8"

FINISH: \_\_\_\_\_

AQUIFERS: \_\_\_\_\_

WATER LEVEL: \_\_\_\_\_

300 ' below land surface

PUMPING EQUIPMENT: Type \_\_\_\_\_ H.P. \_\_\_\_\_  
Capacity \_\_\_\_\_ G.P.M.

WELL TESTS:  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

USE OF WATER None-abandoned 1951 Temp. \_\_\_\_\_ °F. \_\_\_\_\_ 19\_\_\_\_

SOURCE OF INFORMATION U-175

DRILLER or DIGGER \_\_\_\_\_

ADDITIONAL DATA:  
Log X Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

REMARKS: \_\_\_\_\_

When in use, well furnished about 260 g.p.m.

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# UMAT 1314

Wagner, N.S., 1949, Ground-water studies in Umatilla and Morrow Counties;  
Oregon Dept. of Geol. & Min. Ind. Bull. 41.

Index number -- 77-W  
M-278-16-R  
Well name \_\_\_\_\_  
File number \_\_\_\_\_  
(Code: Tp., R., Sec., 1/4 Sec.)

**LOCATION:**

Umatilla County  
Umatilla Quadrangle  
T<sub>16</sub> R<sub>27E</sub> S<sub>16</sub> SE<sub>4</sub> of SE<sub>4</sub>  
Tp. Range Section Fractional section

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

**STATISTICS:**

Well type-Dug \_\_\_\_\_ Elevation (land sur- Use status- Well status-  
Drilled  face) \_\_\_\_\_ ft. domestic\* \_\_\_\_\_  
Driven \_\_\_\_\_ above \_\_\_\_\_ Industrial \_\_\_\_\_ abandoned  
Final depth 420' \_\_\_\_\_ below \_\_\_\_\_ irrigation \_\_\_\_\_ dry hole \_\_\_\_\_  
\_\_\_\_\_ municipal \_\_\_\_\_ producer   
\*includes stock wells

City of Echo \_\_\_\_\_ A. M. Edwards  
Owners name \_\_\_\_\_ Original driller's name \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_ Lexington, Oregon  
Date of drilling Oct. 1945 to Sept. 1947

This record compiled by H.S.W. from \_\_\_\_\_ Deepened \_\_\_\_\_  
date secured from the following sources: re-cased \_\_\_\_\_  
cleaned \_\_\_\_\_ by \_\_\_\_\_  
Driller \_\_\_\_\_

Date compiled October 1947 Date \_\_\_\_\_

Material	Thickness (feet)	Depth (feet)	Remarks
Soil	4	4	Casing log and pump test
Gravel and hardpan	26	30	data entered on last log
Dirt	5	35	sheet.
Loose sand and gravel	2	37	
Red clay	7	44	
Loose gravel	2	46	
Hardpan	6	52	
Rock	4	56	
Red clay	6	62	
Soft red rock	10	72	70 - some water
Soft red rock	5	77	at 75 - lost seal water
Pea gravel	1 1/2	78 1/2	
Red clay	1 1/2	80 1/2	
Yellow rock with boulders	14 1/2	95	
Blue rock, broken and sand	12	110	Some water
Blue rock	5	115	
Hard rock, sand and blue clay			
between layers of boulders	10	125	
Solid rock	8	133	
Broken "cube" basalt	9	142	Very slow drilling
Blue gray basalt	10	152	
Broken "cube" basalt* 8" followed by very hard basalt	14	166	
SAND AND GRAY BASALT, 8" seams of brown shale followed by	18	184	
Blue and gray basalt	30	214	
Shale and rock in 6" ave. layers	18	232	
Hard, solid clay	7	239	
Green shale	2	241	
Green shale, hard	16	257	Water at 25'
Basalt	6	263	
Basalt - extremely hard	11	274	
Blue basalt - alternate soft and hard layers	4	278	
Brown rock	8	286	
Hard basalt	4	290	
Alternate hard rock and clay in 6" to 8" layers	6	296	
Crevices	4	300	Water dropped 28'
Blue rock and sand clay layers	28	328	
Hard basalt	62	390	
Extremely hard basalt	16	406	
Seams and crevices in basalt	4	410	Water dropped 50'
Very hard basalt	1	411	
Shale	1	412	
Blue rock with crevices	8	420	
Very hard gray basalt	5	425	

(continued)

Medium soft blue rock	12	437	
Black basalt	5	442	Water at 442
Boulder and crevice	1	443	Water and some sand. Drilled 5 hours with no penetration.
Black basalt (and water course)	17	460	Water dropped to 220' level
Hard boulders and soft spots	30	490	
Green clay seams a few inches thick between basalt layers	8	498	
Hard basalt	22	520	Bottom of hole
Casing log:			
12 1/2" hole to 165'			
10" hole to 169' to 336'			
8 1/2" hole 336' to 520'			
Cased 169' with 10" casing.			
Pump test with 6" deep well pump at capacity output gave yield of 200 g.p.m.			
Drawdown with above equipment was 60' at 100 g.p.m. - No difference noted with greater flow.			
Temp. 50 is 67°F.			

Index number -- 119-W  
28-238-32  
Well name \_\_\_\_\_  
File number \_\_\_\_\_  
(Code: Tp., R., Sec., 1/4 Sec.)

**LOCATION:**

Morrow County  
Unsurveyed Quadrangle  
T<sub>28</sub> R<sub>27E</sub> S<sub>12</sub> SE<sub>4</sub>  
Tp. Range Section Fractional section

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

**STATISTICS:**

Well type-Dug \_\_\_\_\_ Elevation (land sur- Use status- Well status-  
Drilled  face) \_\_\_\_\_ ft. domestic\* \_\_\_\_\_  
Driven \_\_\_\_\_ above \_\_\_\_\_ Industrial \_\_\_\_\_ abandoned  
Final depth 278' \_\_\_\_\_ below \_\_\_\_\_ irrigation \_\_\_\_\_ dry hole \_\_\_\_\_  
\_\_\_\_\_ municipal \_\_\_\_\_ producer   
\*includes stock wells

Gabert Holasek \_\_\_\_\_ Fred Nicholas  
Owners name \_\_\_\_\_ Original driller's name \_\_\_\_\_  
Address \_\_\_\_\_ Portland, Oregon \_\_\_\_\_ Address \_\_\_\_\_ Ione, Oregon  
Date of drilling Summer, 1947

This record compiled by H.S.W. from \_\_\_\_\_ Deepened \_\_\_\_\_  
date secured from the following sources: re-cased \_\_\_\_\_  
cleaned \_\_\_\_\_ by \_\_\_\_\_  
Driller and Morrow County Recorder \_\_\_\_\_

Date compiled October 1947 Date \_\_\_\_\_

Material	Thickness (feet)	Depth (feet)	Remarks
Top soil	2 1/2	2 1/2	5 5/8" hole.
Shelly boulder formation	24 1/2	27	
Soft formation with little clay	8	35	
Blue basalt	34	69	Trace water at 50 feet.
Hard gray basalt	13	82	
Brown porous rock	7	89	
Hard blue rock	7	96	
Black to brown porous rock	14	110	
Moderately hard blue rock	26	136	
Very hard gray rock	19	155	
Hard blue porous basalt	5	160	
Hard solid blue basalt	6	166	
Brown porous rock	6	172	
Moderately hard black rock	8	180	
Gray rock	4	184	
Brown porous rock	10	194	

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5

Umat 5842

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JUN 29 1993

WELL 4

3N / 29E / 16ad

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

WATER RESOURCES DEPARTMENT (START CARD) # 46231 SALEM, OREGON

(1) OWNER: Name City of Echo Well Number: 4 Address P.O. Box 9 City Echo State OR Zip 97826

(2) TYPE OF WORK: [ ] New Well [X] Deepen [ ] Recondition [ ] Abandon

(3) DRILL METHOD: [ ] Rotary Air [ ] Rotary Mud [ ] Cable [X] Other RC Dual Tube Rotary

(4) PROPOSED USE: [ ] Domestic [X] Community [ ] Industrial [ ] Irrigation [ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No [ ] Yes [X] No Depth of Completed Well 1043.5 ft. Explosives used [ ] [X] Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Rows include cement and LC between 220 & 600.

How was seal placed: Method [X] A [ ] B [ ] C [ ] D [ ] E [X] Other poured & probed. Backfill placed from 1043.5 ft. to 1045 ft. Material slough/pea gravel LCM. Gravel placed from >220 ft. to <600 ft. 38 sks of 6x9 CSSI.

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for casing and liner.

Final location of sheets:

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes perforations and screens.

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian. Yield gal/min, Drawdown, Drill stem at, Time.

Temperature of water approx. 75°F. Depth Artesian Flow Found. Was a water analysis done? [X] Yes By whom Water Food & Research Lab. Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other. Depth of strata:

(9) LOCATION OF WELL by legal description: County Umatilla Latitude Longitude Township 3N Nor.S. Range 29E E or W. WM. Section 16 SE 1/4 NE 1/4 Tax Lot 3600 Lot Block Subdivision Street Address of Well (or nearest address) none assigned Golf Course Road, Echo, Oregon

(10) STATIC WATER LEVEL: 195 ft. below land surface. Date 5/19/93. Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Includes note: The most obvious WB zone encountered in the deepened portion of the well was: 979 to 1039 see (8) see(10).

(12) WELL LOG: Ground elevation 735. Table with columns: Material, From, To, SWL. Includes note: see attached.

Date started 1/25/93 Completed 5/21/93

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Signed David Donnell WWC Number 806 Date 6/18/93

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. Signed Stephen Schneider WWC Number 649 Date 6/18/93



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**JUN 29 1993**

City of Echo  
Start Card No. 46231  
by Schneider Drilling Co.  
May 18, 1993

WATER RESOURCES DEPT.  
SALEM, OREGON

<u>Depth</u>		<u>Description</u>
<u>From</u>	<u>To</u>	
600	607	Basalt, multi-color, soft, vesicular
607	612	Basalt, blackish gray, med
612	643	Basalt, gray, hard, fractured
643	655	Basalt, black, med-soft, fractured
655	660	Basalt, black, med, some fractures
660	690	Basalt, gray, hard
690	712	Basalt, grayish black, med, vesicular
712	725	Basalt, black, fractured
725	757	Basalt, black, fractured, med
757	770	Basalt, gray, fractured, hard
770	785	Basalt, black, vesicular, some frac, hard
785	805	Basalt, gray-green, vesicular, med-soft
805	834	Basalt, black, med
834	840	Basalt, blackish gray, hard
840	861	Basalt, gray, hard
861	865	Basalt, gray, vesicular, med-hard
865	880	Basalt, gray, hard
880	891	Basalt, black, ves, fractured, med-hard
891	898	Basalt, blackish gray, fractured
898	914	Basalt, red-grn w/quartz, soft, some caving
914	920	Basalt, blackish gray, fractured, med
920	935	Basalt, gray, very hard
935	939	Basalt, red-green, vesicular
939	948	Basalt, reddish gray, fractured, med-hard
948	979	Basalt, gray, hard
979	1030	Basalt, multi-clrd, ves, red-brn, med-soft, frac
1030	1039	Basalt, crumbly, multi-clrd, mostly red-brn & gray fractures
1039	1045	Basalt, gray, hard

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**JUN 30 2023**

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NOTICE TO WATER WELL CONTRACTOR

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

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

UMAT  
13W

WATER WELL REPORT

STATE OF OREGON

(Please type or print) STATE ENGINEER SALEM, OREGON

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AUG 7 1974

State Well No. 3N/29E-16

State Permit No. G-8546

Well # 4

WELL 4

(1) OWNER:

Name City of Echo  
Address Echo, Oregon 97826

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary  Cable  Dug  Driven  Jetted  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal  Irrigation  Test Well  Other

(5) CASING INSTALLED:

10" Diam. from 0 ft. to 45 ft. Gage 250  
" Diam. from ft. to ft. Gage  
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated?  Yes  No  
Type of perforator used  
Size of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to 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?  
Yield: 6.56 gal./min. with 18 ft. drawdown after 13 hrs.  
" " " " " "  
" " " " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement  
Well sealed from land surface to 45 ft.  
Diameter of well bore to bottom of seal 14 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 20 sacks  
Number of sacks of bentonite used in well seal sacks  
Brand name of bentonite  
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.  
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:  
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number 4 WSB  
1/4 1/4 Section 16 T. 3N. R. 29E. W.M.  
Bearing and distance from section or subdivision corner  
Tax lot 3200

(11) WATER LEVEL: Completed well.

Depth at which water was first found 353 ft.  
Static level 315 ft. below land surface. Date 7-15-74  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10"  
Depth drilled 600 ft. Depth of completed well 600 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.

MATERIAL	From	To	SWL
Topsoil	0	5	
Claystone	5	20	
Rock, brown	20	37	
Basalt	37	146	
Rock, med. black	146	289	
Basalt	289	341	
Basalt, hard, gray	341	353	
Rock, porous, black	353	415	W.B.
Basalt, black	415	441	
Basalt, hard, gray	441	512	
Rock, black + blue claystone	512	532	
Rock, med. gray	532	548	
Rock, brown	548	554	
Basalt	554	585	
Rock, porous	585	600	W.B.

Work started 5-20 1974 Completed 8-2 1974  
Date well drilling machine moved off of well 6-4 1974

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] James T. Rental Date 8-5, 1974  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 665

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 TROY GRIFFIN  
(Person, firm or corporation) (Type or print)  
Address 900 HERMISTON AVE, HERMISTON, ORE  
[Signed] Troy Griffin  
(Water Well Contractor)  
Contractor's License No. 65 Date 8-2, 1974

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# UMAT 57155

## CITY OF STANFIELD Well No. 5 - Start Card #208746 by Schneider Water Services

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	10	Soil, brown, silty
10	23	Silt, brown, some sandy, packed
23	31	Silt, pinkish brown to brown, cemented
31	32	Silt, brown & gravel, 3" minus
32	36	Gravel, 3" minus & silt, brown
36	45	Silt, brown & gravel, 1-1/2" minus w/some sand
45	48	Gravel, 2-1/2" minus, sandy, cemented
48	54	Silt, brown & gravel, 1" minus w/sand
54	58	Gravel, 3" minus, cemented, sandy
58	60	Gravel, 3" minus & clay, brown, soft
60	65	Gravel, 3" minus, sandy, cemented & some clay
65	75	Basalt, grey & brown, medium, broken & some clay
75	76	Clay, light yellow, sandy, soft
76	79	Basalt, grey & brown, medium, broken
79	97	Basalt, grey & brown, medium-hard, fractured
97	128	Basalt, grey w/ brown, medium, fractured
128	134	Basalt, grey, medium w/claystone, green, medium-soft
134	135	Basalt, grey & some brown, w/some claystone, green, medium-soft
135	144	Basalt, grey medium w/claystone, green, medium-soft & some cinders, red, medium
144	147	Basalt, grey, medium & some claystone, green, medium-soft & some cinders, red, medium
147	152	Basalt, grey, medium-soft, fractured w/claystone, brown-yellow, soft & cinders, red, medium
152	172	Cinders, red, medium-soft w/claystone, brown-yellow, soft & some basalt, grey
172	176	Basalt, grey, medium, fractured w/cinders, red & some claystone, brown-yellow, soft-medium, fractured
176	177	Cinders, red, medium w/claystone, brown-yellow, soft
177	184	Basalt, grey-black, medium, fractured w/some cinders, red
184	270	Basalt, black, hard, some fractures
270	290	Basalt, black, medium, some vesicular w/cinders, red, soft & claystone, blue-green, soft
290	300	Basalt, black & red, medium-hard, some fractures
300	316	Basalt, black & red, medium, fractured w/claystone, green, soft
316	357	Basalt, black, medium-hard, some fractures & vesicles
357	372	Basalt, black, hard, some fractures
372	413	Basalt, black, medium, some vesicles & fractures w/some claystone, green, medium
413	417	Basalt, black, medium, some fractures & vesicles
417	436	Basalt, black-grey, hard, some fractures
436	450	Basalt, black w/grey, medium, fractured w/vesicles & claystone, green, medium-soft
450	460	Basalt, black, hard, some fractures
460	496	Basalt, black-grey, medium, w/fractures & some vesicles
496	530	Basalt, black, medium, w/fractures, some vesicular w/some claystone, green, medium
530	626	Basalt, grey, hard, some fractures
626	651	Basalt, grey, medium, some fractures w/claystone, green-grey, medium & some pyrite
651	652	Basalt, grey, medium, some vesicles
652	671	Basalt, grey, hard some fractures

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SALEM, OR



# UMAT 57155

## CITY OF STANFIELD

Well No. 5 - Start Card #208746

by Schneider Water Services

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
671	680	Basalt, grey, medium-hard, fractured, some vesicles & pyrite
680	685	Basalt, grey, hard, some fractures & some claystone & pyrite
685	690	Basalt, grey, hard w/some pyrite
690	700	Basalt, grey, medium-hard, fractured, some vesicles
700	718	Basalt, grey, hard, some fractures
718	723	Basalt, grey, medium, fractured, some vesicles w/claystone, green, medium & some pyrite
723	747	Basalt, grey & some brown, medium-hard, fractured, some vesicles w/some claystone, green, medium & some pyrite
747	753	Basalt, grey, medium-hard, fractured w/some claystone, blue, medium & some pyrite
753	781	Basalt, grey, hard, fractured
781	785	Basalt, grey, hard, fractured w/some claystone, blue, medium
785	800	Basalt, grey, medium, fractured w/some vesicles
800	825	Basalt, grey, hard, fractured
825	826	Basalt, grey & brown, medium-hard, fractured, vesicular w/some claystone, grey, medium
826	828	Basalt, grey, very hard, fractured w/claystone, grey, medium
828	830	Basalt, grey, hard, fractured w/claystone, green, medium
830	835	Basalt, grey, very hard, some fractures
835	862	Basalt, grey, hard, some fractures
862	877	Basalt, grey, medium-hard, fractured, some vesicles & pyrite
877	892	Basalt, grey, medium-hard, fractured, some vesicles w/some claystone, green, medium
892	902	Basalt, grey, medium, fractured, some vesicles & claystone, blue-green, medium & some pyrite
902	904	Basalt, brown, medium, fractured, vesicular
904	909	Basalt, grey, medium-hard, fractured & claystone, blue-green, medium
909	925	Basalt, grey, hard, fractured
925	945	Basalt, dark grey, medium-soft, fractured, some vesicles & occasional claystone, green, soft
945	954	Basalt, grey, hard, some fractures
954	980	Basalt, black, medium-soft, fractured, some vesicles & claystone, green
980	1040	Basalt, dark grey, medium, fractured & some claystone, blue, medium
1040	1055	Basalt, dark grey, soft-medium, fractured, broken, vesicular & some claystone, blue-green, medium
1055	1060	Basalt, dark grey, medium, fractured, some vesicles & occasional claystone, blue-green, hard
1060	1078	Basalt, dark grey, hard, some fractures
1078	1096	Basalt, dark grey & reddish brown, medium-soft, fractured, broken, some vesicles
1096	1111	Basalt, grey, medium-hard, some fractures
1111	1116	Basalt, grey, hard, occasional fracture

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**Attachment 4**  
**Land Use Information Forms**

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# Land Use Information Form



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

## NOTE TO APPLICANTS

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

**This form is NOT required if:**

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

## NOTE TO LOCAL GOVERNMENTS

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

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# Land Use Information Form

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JUN 30 2023



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

Applicant(s): City of Echo

OWRD

Mailing Address: PO Box 9

City: Echo

State: OR

Zip Code: 97826

Daytime Phone: 541-376-6038

## A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
<u>3N</u>	<u>29E</u>	<u>5</u>	<u>SESE</u>	<u>1509</u>	<u>D/TC = Downtown/Tourist Commercial</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	<u>Municipal</u>
<u>Within the service area of the City of Echo</u>						<input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	<u>Municipal</u>

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

City of Stanfield, City of Echo

## B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 0  cubic feet per second    gallons per minute    acre-feet

Intended use of water:  Irrigation    Commercial    Industrial    Domestic for \_\_\_\_\_ household(s)  
 Municipal    Quasi-Municipal    Instream    Other \_\_\_\_\_

Briefly describe:

The City of Echo is submitting a permit amendment to add an existing well owned by the City of Stanfield (UMAT-57155) to the City of Echo's existing groundwater permit (G-18545). The subject well (UMAT-57155) is an existing, operational well that is being connected to the to the City of Echo's water system to more efficiently use the authorized capacity of permit G-18545. No additional use of water is associated with this permit amendment beyond the current authorized capacity of permit G-18545 (4.9 cubic feet per second).



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

See bottom of Page 3. →



## For Local Government Use Only

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

**Please check the appropriate box below and provide the requested information**

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
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		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

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

It is our understanding that this permit is to allow Echo's water rights to pull water from our Stanfield's well, which is in operation, and will still be using Stanfield's water rights as well, thus allowing both Stanfield and Echo to get water from this well for their respective cities.

Name: Benjamin Burgener Title: City Manager

Signature:  Phone: 541-449-3831 Date: 5/15/2023

Government Entity: City of Stanfield

**Note to local government representative:** Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.



**Receipt for Request for Land Use Information**

Applicant name: \_\_\_\_\_

City or County: \_\_\_\_\_ Staff contact: \_\_\_\_\_

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_

# Land Use Information Form



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

## NOTE TO APPLICANTS

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

**This form is NOT required if:**

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
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# Land Use Information Form



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

Applicant(s): City of Echo

Mailing Address: PO Box 9

City: Echo

State: OR

Zip Code: 97826

Daytime Phone: 541-376-6038

## A. Land and Location

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<u>3N</u>	<u>29E</u>	<u>5</u>	<u>SESE</u>	<u>1509</u>	<u>D/TC = Downtown/Tourist Commercial</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	<u>Municipal</u>
<u>Within the service area of the City of Echo</u>						<input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	<u>Municipal</u>

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

City of Stanfield, City of Echo

## B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 0    cubic feet per second    gallons per minute    acre-feet

Intended use of water:  Irrigation    Commercial    Industrial    Domestic for \_\_\_\_\_ household(s)  
 Municipal    Quasi-Municipal    Instream    Other \_\_\_\_\_

Briefly describe:

The City of Echo is submitting a permit amendment to add an existing well owned by the City of Stanfield (UMAT-57155) to the City of Echo's existing groundwater permit (G-18545). The subject well (UMAT-57155) is an existing, operational well that is being connected to the to the City of Echo's water system to more efficiently use the authorized capacity of permit G-18545. No additional use of water is associated with this permit amendment beyond the current authorized capacity of permit G-18545 (4.9 cubic feet per second).

**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. →

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### For Local Government Use Only

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**Please check the appropriate box below and provide the requested information**

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): *Comp Plan Title 4 Chapter 3*
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

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

Name: David Slaght Title: City Administrator/Recorder

Signature: *[Signature]* Phone: 541-376-6038 Date: 5-15-2023

Government Entity: City of Echo

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**Receipt for Request for Land Use Information**

Applicant name: \_\_\_\_\_

City or County: \_\_\_\_\_ Staff contact: \_\_\_\_\_

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_



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**Attachment 5**  
**Fee**

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June 26, 2023

P. Kelly Starnes  
Transfer Applications  
Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1271

**Subject:** Application for a Permit Amendment for Permit G-18545 and Request for Reimbursement Authority Processing

Mr. Starnes:

On behalf of the permittee, please find enclosed an application for a permit amendment for Permit G-18545 (Application G-8865). The permit holder would like to use Reimbursement Authority processing for the permit amendment, and Reimbursement Authority Estimate Application is included with this submittal. Please also find enclosed a check in the amount of \$1,965 for payment of the Reimbursement Authority Estimate fee (\$125) and payment of the permit amendment fee (\$1,840).

If you have any questions regarding the enclosed transfer application, please call me at 503-967-7050 x204.

Respectfully submitted,

Theodore Ressler, RG, CWRE  
Summit Water Resources LLC.

Enclosures:

Application for a Permit Amendment for Permit G-18545  
Transfer Reimbursement Authority Estimate Application  
Check #78252 in the amount of \$1,840  
Check #78251 in the amount of \$125

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Cc: David Slaght – City of Echo