# Groundwater Application Review Summary Form

**Application # G- _19469 re-review_**

**GW Reviewer _Travis Brown_ Date Review Completed: _8/14/2025_**

**Summary of GW Availability and Injury Review:**

☐ Groundwater for the proposed use is either over appropriated, will not likely be available in the amounts requested without injury to prior water rights, OR will not likely be available within the capacity of the groundwater resource per Section B of the attached review form.

**Summary of Potential for Substantial Interference Review:**

☒ There is the potential for substantial interference per Section C of the attached review form.

**Summary of Well Construction Assessment:**

☐ The well does not appear to meet current well construction standards per Section D of the attached review form. Route through Well Construction and Compliance Section.

*This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations and for conditions that may be necessary for a permit (if one is issued).*

**WATER RESOURCES DEPARTMENT**

**MEMO** **_8/14/2025_**

**TO:** **Application** G-**_19469 re-review_**

**FROM:** **GW:** **_Travis Brown_**
(Reviewer's Name)

**SUBJECT: Scenic Waterway Interference Evaluation**

☐ **YES**
☒ **NO** The source of appropriation is hydraulically connected to a State Scenic Waterway or its tributaries

☐ **YES**
☒ **NO** Use the Scenic Waterway Condition (Condition 7J)

☐ Per ORS 390.835, the Groundwater Section is **able** to calculate ground water interference with surface water that contributes to a Scenic Waterway. The calculated interference is distributed below

☐ Per ORS 390.835, the Groundwater Section is **unable** to calculate ground water interference with surface water that contributes to a scenic waterway; **therefore, the Department is unable to find that there is a preponderance of evidence that the proposed use will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway**

DISTRIBUTION OF INTERFERENCE

*Calculate the percentage of consumptive use by month and fill in the table below. If interference cannot be calculated, per criteria in 390.835, do not fill in the table but check the "unable" option above, thus informing Water Rights that the Department* is *unable to make a Preponderance of Evidence finding.*

Exercise of this permit is calculated to reduce monthly flows in _[Enter]_ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date 8/14/2025

FROM: Groundwater Section Travis Brown
Reviewer's Name

SUBJECT: Application G- **19469 re-review** Supersedes review of 5/12/2025
Date of Review(s)

## PUBLIC INTEREST PRESUMPTION; GROUNDWATER

**OAR 690-310-130 (1)** *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525.* Department staff review groundwater applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation**.

## A. GENERAL INFORMATION:

Applicant's Name: **Oregon Parks and Recreation Department** County: **Marion**

A1. Applicant(s) seek(s) 0.45 cfs from 4 well(s) in the Willamette Basin, Molalla River-Pudding River subbasin

A2. Proposed use Commercial (State Park) (323 af/yr) Seasonality: Year Round

A3. Well and aquifer data **(attach and number logs for existing wells; mark proposed wells as such under logid)**:

| POA Well | Logid | Applicant's Well ID | Proposed Aquifer* | Proposed Rate(cfs) | Location (T/R-S QQ-Q) | Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36 |
|---|---|---|---|---|---|---|
| 1 | PROP 641 | "North Well 1" | Basalt | 0.45 | 8S/1E-13 NW-NE | 720' S, 1835' W fr NE cor S 13 |
| 2 | PROP 642 | "North Well 2" | Basalt | 0.45 | 8S/1E-13 NE-SW | 1815' N, 2520' E fr SW cor S 13 |
| 3 | PROP 702 | "North Well 3A" | Basalt | 0.45 | 8S/1E-12 SE-NE | 3,210' N, 340' W fr SE cor S 12 |
| 4 | PROP 703 | "North Well 3B" | Basalt | 0.0847 | 8S/1E-12 SE-NE | 3,210' N, 320' W fr SE cor S 12 |

* Alluvium, CRB, Bedrock

| POA Well | Well Depth (ft) | Seal Interval (ft) | Casing Intervals (ft) | Liner Intervals (ft) | Perforations Or Screens (ft) | Well Yield (gpm) | Drawdown (ft) | Test Type |
|---|---|---|---|---|---|---|---|---|
| 1 | ~810[a] | ~0-675[a] | ~0-675[a] | N/A | ~732-792[a] | N/A | N/A | N/A |
| 2 | ~401[a] | ~0-300[a] | ~0-300[a] | N/A | ~336-396[a] | N/A | N/A | N/A |
| 3 | ~600[a] | ~0-440[a] | ~0-440[a] | N/A | ~525-600[a] | N/A | N/A | N/A |
| 4 | ~300[a] | ~0-200[a] | ~0-200[a] | N/A | ~200-300[a] | N/A | N/A | N/A |

| POA Well | Land Surface Elevation at Well (ft amsl) | Depth of First Water (ft bls) | SWL (ft bls) | SWL Date | Reference Level (ft bls) | Reference Level Date |
|---|---|---|---|---|---|---|
| 1 | ~1,753[b] | 85[c] | 453[c] | 10/28/1999[c] | TBD | TBD |
| 2 | ~1,459[b] | TBD | TBD | TBD | TBD | TBD |
| 3 | ~1,636[b] | TBD | TBD | TBD | TBD | TBD |
| 4 | ~1,636[b] | TBD | TBD | TBD | TBD | TBD |

Use data from application for proposed wells.

A4. **Comments:** The proposed POA are in Silver Falls State Park, ~9 miles northeast of the City of Stayton.

[a] Proposed construction.

[b] LIDAR

[c] Assumed from water well report for MARI 54465

A5. ☐ **Provisions of the** Willamette Basin rules relative to the development, classification and/or management of groundwater hydraulically connected to surface water ☐ **are**, *or* ☒ **are not**, activated by this application. (Not all basin rules contain such provisions.)
Comments: The proposed POA wells would develop confined aquifers and are more than ¼ mile from the nearest hydraulically connected surface water. Per OAR 690-502-0240, the relevant rules are not activated.

A6. ☐ **Well(s) #** _____ , _____ , _____ , _____ , _____ , tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: **N/A**
Comments: _____

## B. GROUNDWATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. **Based upon available data**, I have determined that groundwater* for the proposed use:

a. ☐ **is** over appropriated, ☒ **is not** over appropriated, *or* ☐ **cannot be determined to be** over appropriated during any period of the proposed use. * This finding is limited to the groundwater portion of the over-appropriation determination as prescribed in OAR 690-310-130;

b. ☐ **will not** *or* ☐ **will** likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the groundwater portion of the injury determination as prescribed in OAR 690-310-130;

c. ☐ **will not** *or* ☐ **will** likely to be available within the capacity of the groundwater resource; or

d. ☒ **will, if properly conditioned**, avoid injury to existing groundwater rights or to the groundwater resource:

i. ☒ The permit should contain condition #(s) **7RLN (15 ft, 15 ft); 7t (measuring tube); large water use reporting** ;

ii. ☒ The permit should be conditioned as indicated in item 2 below.

iii. ☒ The permit should contain special condition(s) as indicated in item 3 below;

B2. a. ☐ **Condition** to allow groundwater production from no deeper than _____ ft. below land surface;

b. ☐ **Condition** to allow groundwater production from no shallower than _____ ft. below land surface;

c. ☒ **Condition** to allow groundwater production only from the **Grande Ronde Basalt** groundwater reservoir below approximately **1,200** ft. elevation above mean sea level **for POA 1, 2, and 3**;

d. ☐ **Well reconstruction** is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundwater Section.

**Describe injury** –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. **Groundwater availability remarks:** The proposed POA wells develop the Columbia River Basalt aquifer system at varying depths. The proposed perforated/open hole intervals of POA 1 and 2 appear to be exclusively within the Grande Ronde Basalt Formation. POA 4 would more likely be open to the overlying Wanapum Basalt Formation. In the subject area, the Grande Ronde Basalt includes at least 5 separate flows from ~10-34 meters (~30-110 ft) thick each. The base of the Grande Ronde Basalt has not been observed in outcrop or well logs in the subject area, so the total thickness of the Formation is unknown (Norman, 1980). The proposed total depth of POA 3 could place it in either the Grande Ronde Basalt or the underlying marine sedimentary bedrock.

The nearest well with recent water level data is MARI 18916, ~0.5 miles northeast of the proposed POA 1, which has shown an overall decrease in water level of ~8.5 ft since it was drilled in 1994 (see attached Hydrograph). Wells further to the north with current data show relative stability from the early 2000s through 2025 (see attached Hydrograph). However, between 1999 and 2002, MARI 54080 showed an overall decline of ~42.3 ft from the water level reported on its well completion report in 1999. Similarly, between 1999 and 2002, MARI 54278 showed an overall decline of ~31.0 ft from the water level reported on its well completion report in 1999. This pattern of steep initial decline followed by subsequent stabilization may indicate these wells (MARI 54080 and MARI 54278) commingle multiple aquifers. Despite the substantial early declines observed in many Columbia River Basalt wells to the north, most of the wells are not excessively declined or declining, excluding possibly MARI 13376 (for which current data is not available), although MARI 54080 was Declined Excessively per OAR 690-008-0001(5)(d) as recently as 2022. The deeper construction of the proposed POA relative to other basalt wells with water level data to the north, and the significant distance of the POA wells from these other basalt wells, should insulate the proposed POA wells from many of the likely causes of declines in the more distant wells to the north. **The preponderance of the current water level data indicates the proposed aquifer is not over appropriated.**

No nearby wells appear to produce from the same interflow zones targeted by the proposed POA. It is unlikely that the proposed POA would cause interference with neighboring wells in excess of the permit condition limits or thresholds for injury.

The conditions detailed in B1(d)(i) and B2(c), above, are recommended for any permit issued pursuant to this application in order to protect the groundwater resource and senior users. In addition, the following Special Conditions should be applied:

1. Each basalt well shall be open to a single aquifer of the Columbia River Basalt Group and shall meet the applicable well construction standards (OAR 690-200 and OAR 690-210).

   In addition, the open interval in each well shall be no greater than 100 feet. An open interval of greater than 100 feet may be allowed if substantial evidence of a single aquifer completion can be demonstrated to the satisfaction of the Department Hydrogeologists, using information from a video log, downhole flowmeter, water chemistry and temperature, or other downhole geophysical methods. These methods shall characterize the nature of the basalt rock and assess whether water is moving in the borehole. Any discernable movement of water within the well bore when the well is not being pumped shall be assumed as evidence of the presence of multiple aquifers in the open interval.

   If during well construction, it becomes apparent that the well can be constructed to eliminate the comingling of aquifers and/or interference with hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Groundwater Section Manager to request approval of such construction. The request shall be in writing and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the request is made after casing and seal are placed, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

2. When requested, access to the wells shall be provided to Department staff in order to make water level measurements.

3. For any wells constructed under this or subsequent permits, the permittee shall coordinate with the driller to ensure that drill cuttings are collected at 10-foot intervals and at changes in formation in each well. A split of each sampled interval shall be provided to the Department.

4. If any geologic and hydrogeologic reports are completed for the permittee during the development of permitted wells, including geophysical well logs and borehole video logs, then copies of the reports shall be provided to the Department. Except for borehole video logs, two paper copies or a single electronic copy shall be provided of each report. Digital tables of any data shall be provided upon request.

## C. GROUNDWATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

| Well | Aquifer or Proposed Aquifer | Confined | Unconfined |
|---|---|---|---|
| **1** | **Basalt** | ☒ | ☐ |
| **2** | **Basalt** | ☒ | ☐ |
| **3** | **Basalt** | ☒ | ☐ |
| **4** | **Basalt** | ☒ | ☐ |

**Basis for aquifer confinement evaluation:** Columbia River Basalt aquifers (i.e., separate interflow zones) are typically confined by dense flow interiors which restrict vertical movement of groundwater. In addition, well logs near the proposed POA indicate confined conditions as water levels are rising above the water bearing zones.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

| Well | SW # | Surface Water Name | GW Elev ft msl | SW Elev ft msl | Distance (ft) | Hydraulically Connected? YES | NO | ASSUMED | Potential for Subst. Interfer. Assumed? YES | NO |
|---|---|---|---|---|---|---|---|---|---|---|
| **1** | **1** | **North Fork Silver Creek** | **~1,300[a]** | **~1,078[c]** | **~5,350** | ☒ | ☐ | ☐ | ☐ | ☒ |
| **2** | **1** | **North Fork Silver Creek** | **~1,300[a]** | **~1,086[c]** | **~6,550** | ☒ | ☐ | ☐ | ☐ | ☒ |
| **2** | **2** | **South Fork Silver Creek** | **~1,300[a]** | **~988[c]** | **~8,920** | ☒ | ☐ | ☐ | ☐ | ☒ |
| **3** | **1** | **North Fork Silver Creek** | **~1,300[a]** | **~1,196[c]** | **<5,400** | ☒ | ☐ | ☐ | ☐ | ☒ |
| **4** | **1** | **North Fork Silver Creek** | **~1,400[b]** | **~1,196[c]** | **<5,280** | ☒ | ☐ | ☐ | ☐ | ☒ |

**Basis for aquifer hydraulic connection evaluation:** POA 1 would be sealed below the elevation to which SW 1 has incised within 1 mile of POA 1. The dense basalt flow interior overlying the proposed open interval for POA 1 should preclude hydraulic connection with the higher elevation streambed of SW 1 within 1 mile of POA 1. However, POA 1 would likely be hydraulically connected to SW 1 at lower elevations, starting around 400 ft downstream from Middle North Falls.

Although POA 2 has a proposed seal depth of only 300 ft bls, due to its lower elevation the proposed seal would extend to ~1,159 ft amsl, which is below the elevation to which SW 1 has incised within 1 mile of POA 2. Therefore, POA 2 does not appear to be hydraulically connected to SW 1 within 1 mile. However, it does appear to be hydraulically connected to SW 1 below Middle North Falls, ~1.25 miles from POA 2, and to SW 2, ~1.7 miles from POA 2.

**Within 1 mile of POA 3, SW 1 has incised to an elevation coincident with the bottom of the proposed seal for POA 3 (440 ft bls [~1,196 ft amsl]). Therefore, POA 3 is likely to be hydraulically connected to SW 1 within 1 mile.**

SW 1 has incised below the proposed total depth of POA 4 (300 ft bls [~1,336 ft amsl]) within 1 mile of POA 4. POA 4 is hydraulically connected to SW 1.

[a] Water well report for MARI 54465.

[b] Water well reports for MARI 13421 and MARI 19030.

[c] LIDAR elevation at indicated SW distance.

**Water Availability Basin the well(s) are located within:** SILVER CR > PUDDING R - AT MOUTH

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water (SW) source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that SW source, not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% *natural* flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked ☒ box indicates the well is assumed to have the potential to cause PSI.

| Well | SW # | Well < ¼ mile? | Qw > 5 cfs? | Instream Water Right ID | Instream Water Right Q (cfs) | Qw > 1% ISWR? | 80% Natural Flow (cfs) | Qw > 1% of 80% Natural Flow? | Interference @ 30 days (%) | Potential for Subst. Interfer. Assumed? |
|---|---|---|---|---|---|---|---|---|---|---|
| **3** | **1** | ☐ | ☐ | **N/A** | **N/A** | ☒ | **8.47** | ☐ | * | ☒ |
| **4** | **1** | ☐ | ☐ | **N/A** | **N/A** | ☐ | **8.47** | ☐ | * | ☐ |

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells**. Otherwise same evaluation and limitations apply as in C3a above.

| | SW # | | Qw > 5 cfs? | Instream Water Right ID | Instream Water Right Q (cfs) | Qw > 1% ISWR? | 80% Natural Flow (cfs) | Qw > 1% of 80% Natural Flow? | Interference @ 30 days (%) | Potential for Subst. Interfer. Assumed? |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ☐ | | | ☐ | | ☐ | | ☐ |

**Comments:** **POA 3 is likely to be hydraulically connected to SW 1 within 1 mile and the proposed rate of 0.45 cfs is greater than 1 percent (0.0847 cfs) of the discharge which is equaled or exceeded 80 percent of time (8.47 cfs). Per former OAR 690-009-0040(4)(c), the potential for substantial interference (PSI) is assumed.**

*The interference with SW 1 could not be quantitatively estimated due to the lack of an appropriate analytical model for the hydrogeologic setting.

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

| **Non-Distributed Wells** Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q as CFS | | | | | | | | | | | | | |
| Interference CFS | | | | | | | | | | | | | |
| **Distributed Wells** Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q as CFS | | | | | | | | | | | | | |
| Interference CFS | | | | | | | | | | | | | |
| **(A) = Total Interf.** | | | | | | | | | | | | | |
| **(B) = 80 % Nat. Q** | | | | | | | | | | | | | |
| **(C) = 1 % Nat. Q** | | | | | | | | | | | | | |
| **(D) = (A) > (C)** | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **(E) = (A / B) x 100** | | % | % | % | % | % | % | % | % | % | % | % | % |

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

**Basis for impact evaluation:** The potential interference with SW 1 and 2 from the proposed POA could not be quantitatively estimated due to the lack of an appropriate analytical model for the hydrogeologic setting.

C4b. **690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.**

C5. ☐ **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or groundwater use under this permit can be regulated if it is found to substantially interfere with surface water:

i. ☐ The permit should contain condition #(s)_____;

ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;

C6. **SW / GW Remarks and Conditions:** **The proposed seal depth (440 ft bls) for POA 3 is not sufficient to preclude hydraulic connection with SW 1 within 1 mile of the proposed POA. If the proposed seal depth for POA 3 were extended to at least 445 ft bls, it would be sufficient to preclude hydraulic connection and overcome the finding of PSI between POA 3 and SW 1. If the application is amended to this effect, a re-review will not be necessary.**

## D. WELL CONSTRUCTION, OAR 690-200

D1. **Well #**: _____ **Logid:** _____

D2. **THE WELL does not appear to meet current well construction standards based upon:**

a. ☐ review of the well log;

b. ☐ field inspection by _____;

c. ☐ report of CWRE _____;

d. ☐ other: (specify) _____

D3. **THE WELL construction deficiency or other comment is described as follows:** _____

D4. ☐ **Route to the Well Construction and Compliance Section for a review of existing well construction.**

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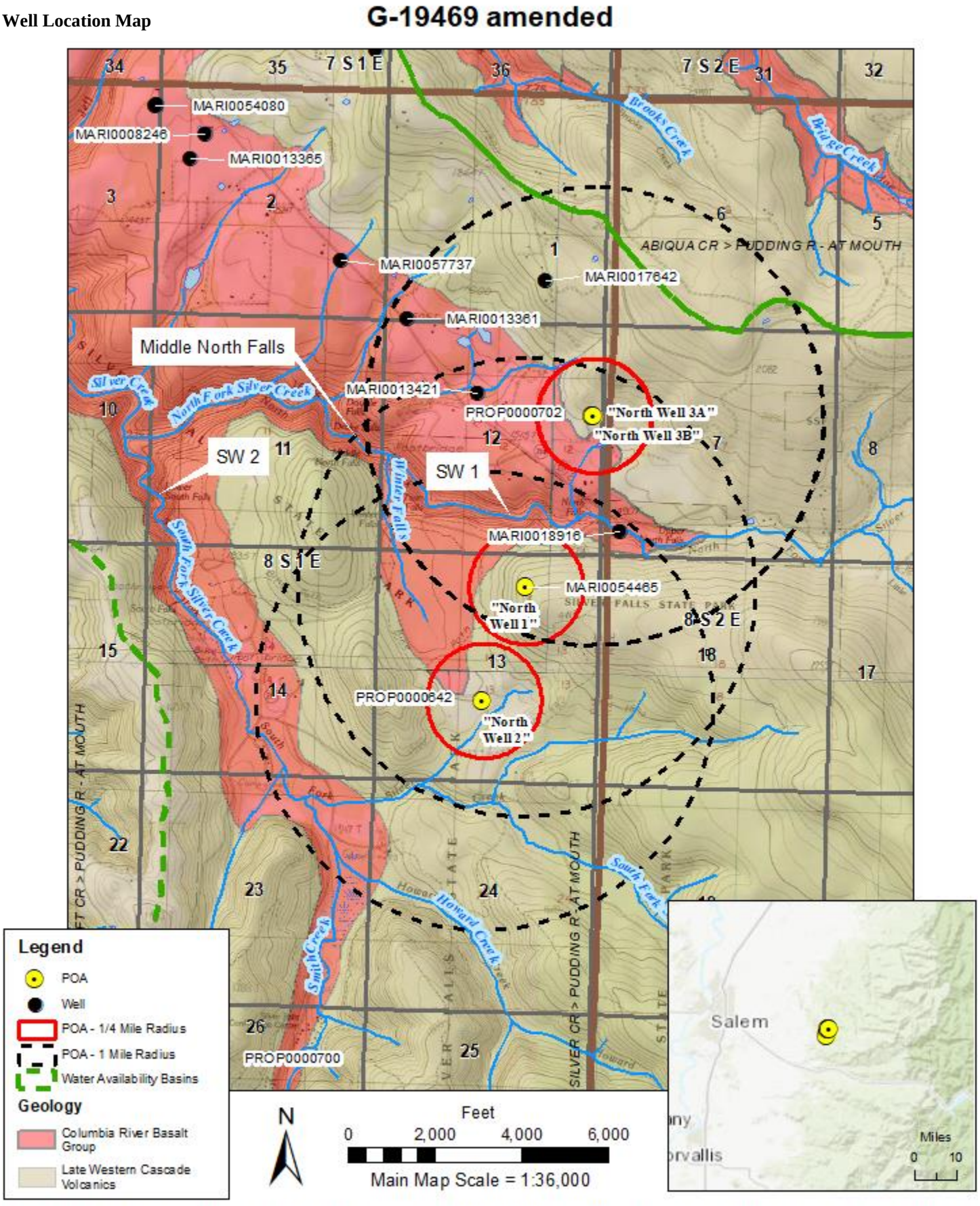
**References Used:** Application File: G-19469

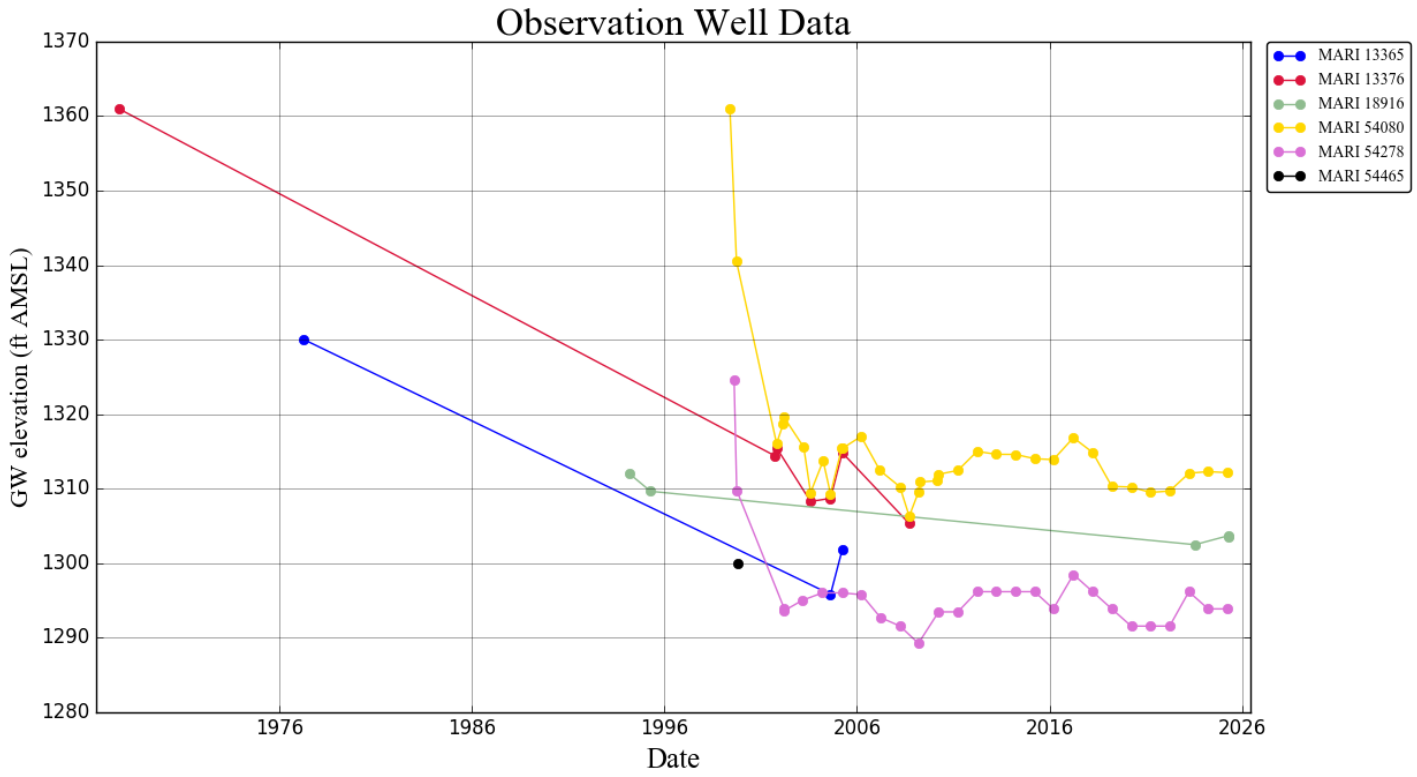
Norman, E. S., 1980, Geology of the Columbia River Basalt in Silver Falls State Park, Oregon: University Honors Thesis, Portland State University, Portland, OR, 43 p.

Reidel, S.P., Johnson, V.G., and Spane, F.A., 2002, Natural gas storage in basalt aquifers of the Columbia Basin, Pacific Northwest USA—A guide to site characterization: Richland, Wash., Pacific Northwest National Laboratory, 277 p.

**Well Location Map**



**Hydrograph**




**Water Availability Tables**

# Water Availability Analysis
## Detailed Reports

SILVER CR > PUDDING R - AT MOUTH
WILLAMETTE BASIN

Water Availability as of 5/9/2025

Watershed ID #: 169 (Map)
Date: 5/9/2025

Exceedance Level: 80%
Time: 2:56 PM

Water Availability Calculation | Consumptive Uses and Storages | Instream Flow Requirements | Reservations | Water Rights | Watershed Characteristics

### Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

| Month | Natural Stream Flow | Consumptive Uses and Storages | Expected Stream Flow | Reserved Stream Flow | Instream Flow Requirement | Net Water Available |
|---|---|---|---|---|---|---|
| JAN | 179.00 | 7.43 | 172.00 | 0.00 | 60.00 | 112.00 |
| FEB | 173.00 | 7.28 | 166.00 | 0.00 | 60.00 | 106.00 |
| MAR | 173.00 | 1.16 | 172.00 | 0.00 | 60.00 | 112.00 |
| APR | 135.00 | 1.30 | 134.00 | 0.00 | 60.00 | 73.70 |
| MAY | 75.90 | 2.43 | 73.50 | 0.00 | 60.00 | 13.50 |
| JUN | 36.70 | 5.28 | 31.40 | 0.00 | 50.00 | -18.60 |
| JUL | 16.60 | 7.27 | 9.33 | 0.00 | 23.00 | -13.70 |
| AUG | 8.47 | 6.31 | 2.16 | 0.00 | 23.00 | -20.80 |
| SEP | 10.80 | 4.42 | 6.38 | 0.00 | 23.00 | -16.60 |
| OCT | 13.60 | 1.24 | 12.40 | 0.00 | 60.00 | -47.60 |
| NOV | 71.10 | 4.79 | 66.30 | 0.00 | 60.00 | 6.31 |
| DEC | 176.00 | 8.10 | 168.00 | 0.00 | 60.00 | 108.00 |
| ANN | 120,000.00 | 3,430.00 | 117,000.00 | 0.00 | 36,100.00 | 83,900.00 |