

This Groundwater Technical Review and the included analysis help inform the Water Rights Section’s review of whether the proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525 and ORS 537.621. The Water Rights Section also considers other information sources when making its public interest determination, including watermaster input, any comments received, input from other agencies, other Commission rules not evaluated as part of the Groundwater Review, and other information.

PUBLIC INTEREST TECHNICAL REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date: 6/16/2025
FROM: Groundwater Section Grayson Fish
Reviewer's Name
SUBJECT: Application G - 19484 Supersedes review of _____

Date Reviewed by GW Lead and Returned to WRSD: Travis Brown, 6/11/2026

PUBLIC INTEREST PRESUMPTION: GROUNDWATER

OAR 690-310-0130 (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 if

(a) The proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12);

(b) Water is available;

(c) The proposed use will not injure other water rights; and

(d) The proposed use complies with the rules of the Commission.

Department staff review groundwater applications under OAR 690-310-0140 to determine whether the presumption is established and may modify or condition the proposed use 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:

A1. Application

Applicant’s Name: Norway Development Company County: Douglas
Applicant(s) seek(s) 0.032 cfs from 7 well(s) in the Umpqua Basin,
_____ subbasin
Proposed use Domestic Expanded Seasonality: Year-round

A2. Well and aquifer data:

A2 a: Well identifiers, aquifer, rate, and location

POA Well	Well Log ID	Applicant's Well #	Proposed Aquifer	Proposed Rate (cfs)	Location (T/R-S QQ-Q)	Latitude	Longitude
1	DOUG 54326	3	Bedrock	0.032	26S/5W-31 SW-SW	43.26150005	-123.34570994
2	DOUG 54325	4	Bedrock	0.032	26S/5W-31 SW-SW	43.26166400	-123.34408000
3	DOUG 54309	12	Bedrock	0.032	26S/5W-31 NE-SW	43.26180005	-123.33915994
4	DOUG 54308	13	Bedrock	0.032	26S/5W-31 NE-SW	43.26181005	-123.33848994
5	DOUG 624	16	Bedrock	0.032	26S/5W-31 NW-NE	43.27080324	-123.33386440
6	DOUG 55223*/58229	17	Bedrock	0.032	27S/5W-6 NE-NW	43.25645400	-123.33805100
7	DOUG 58228	20	Bedrock	0.032	27S/5W-6 NE-NW	43.25659500	-123.33710200

A2 b: Well construction information by depth below land surface. All units in feet.

POA Well	Seal		Casing		Filter Pack		Open / Perforation / Screen		Well Bottom
	Min	Max	Min	Max	Min	Max	Min	Max	
1	0	22	0	22	--	--	22	245	245
2	0	30	0	30	--	--	30	225	225
3	0	19	+1	19	--	--	19	205	205
4	0	39	+1	39	--	--	39	185	185
5	0	19	+1	19	--	--	19	405	405
6	0	39	+1	39	--	--	39	220	220
7	0	18	+2	18	--	--	18	400	400

A2 c: Well construction information by elevation above mean sea level. All units in feet.

POA Well	Land Surface Elevation	Seal		Casing		Filter Pack		Open / Perforation / Screen		Well Bottom
		Min	Max	Min	Max	Min	Max	Min	Max	
1	688	688	666	688	666	--	--	666	443	443
2	682	682	652	682	652	--	--	652	457	457
3	865	865	846	864	846	--	--	846	660	660
4	885	885	846	884	846	--	--	846	700	700
5	1324	1324	1305	1323	1305	--	--	1305	919	919
6	953	953	914	952	914	--	--	914	733	733
7	963	963	945	961	945	--	--	945	563	563

A2 d: Information relevant to water levels, including land surface elevation, depth of first water, recent annual high level, and reference levels for permit conditions

POA Well	Depth of First Water from Well Log (ft bls)	Shallowest Static Water Level (ft bls)	Most Recent Annual High WL		Reference Levels for:				Well Tests			
					RSGL		Permit Conditions		(max yield on well log)			
			Depth (ft bls)	WL Date	Depth (ft bls)	Depth (ft bls)	Date	Pro- visional?	Yield (gpm)	Draw- down (ft)	Test Type	Duration (hours)
1	166	12.23	12.23	3/13/2007	N/A	12.23	3/13/2007	No	15	N/A	A	1
2	156	83.39	83.39	3/13/2007	N/A	34	9/28/2005	No	22	N/A	A	1
3	190	N/A	N/A	N/A	N/A	67.49	3/13/2005	No	8	N/A	A	1
4	197	67.49	67.49	3/13/2007	N/A	83.39	3/13/2007	No	15	N/A	A	1
5	165	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	N/A	A	1
6	99	89.67	89.67	3/3/2023	N/A	81.67	5/3/2024	No	60	N/A	A	1
7	60	51.5	51.5	5/3/2024	N/A	51.5	5/3/2024	No	14.8	N/A	A	2

Use data from application for proposed wells.

“SWL” = static water level (most recent or representative SWL). “amsl” = above mean sea level. “bls” = below land surface

Comments: The applicant requests 0.032 cfs of year-round use from 7 wells within the Umpqua basin located approximately 3.5 miles north of Roseburg, Douglas County. KLAM 55223 and 58228 are currently authorized POAs for Permit G-18720.

*The applicant lists well logs DOUG 55233/58229, however, deepening well report DOUG 58229 lists DOUG 55223 as the original well report. This review assumes that DOUG 55223 is the correct original well log.

**Unable to set reference level for DOUG 624 as the only measurement available is from the Well report when the well was installed in 1991 and may not be representative.

A3. Description of hydrogeologic setting / conceptual model: Geology at the site is composed of submarine basalt flows of the Siletz River volcanics. A north-south trending thrust fault is located just west of the site. Topography at the site is variable, ranging from about 600 feet on the west to over 1300 feet on the east. There are other wells drilled near the site associated with Permit G-18720.

Material on the well logs is basalt, broken basalt, and blue claystone. Groundwater occurs in discrete fractures or interflow zones that are generally just a few feet thick. Long-term yield of these wells low given the nature of the fractured bedrock and limited recharge area. Groundwater flows through these fractures from areas of higher head pressure to regional groundwater discharge areas such as the North and South Umpqua Rivers that have incised into the terrain.

B. BASIN PROGRAM:

OAR 690-310-0130 (1)(a)

B1. **Provisions of the** Umpqua 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: No such provisions exist for the Umpqua Basin.

B2. **Well(s) #** _____, _____, _____, _____, _____, are limited by an administrative restriction under the applicable basin program.
Comments: _____

C. WATER AVAILABILITY:

OAR 690-310-0130 (1)(b)

OAR 690-300-0010(57): “Water is Available” [...] means: [...]

- (d) The proposed groundwater source exhibits Reasonably Stable Groundwater Levels, as defined in OAR 690-008-0001; and
- (e) The total requested rate of groundwater allocation is obtainable by the expected yield of the well(s) proposed in the application given best available information; and
- (f) The proposed groundwater use does not have the Potential for Substantial Interference (OAR 690-009-0020(5)) with a surface water source [that does not have water available]

C1. Reasonably Stable Groundwater Levels

OAR 690-008-0001 (9): “Reasonably Stable Groundwater Levels” means that Annual High Water Levels, based on observed trends over time, remain within a range consistent with sustaining the function and character of a groundwater reservoir indefinitely, and:

- (a) The Annual High Water Levels as measured at one or more representative wells in a groundwater reservoir or part thereof:
 - (A) indicate no decline or an average rate of decline of less than 0.6 feet per year over any immediately preceding averaging period with duration between 5 and 20 years. Four Annual High Water Levels are required to calculate the rate of change; one must have been measured in the year to which the evaluation of reasonably stable applies, and at least one must have been measured between 5 and 20 years prior; and
 - (B) have not declined by more than 25 feet from a reference level to the level in the year to which the evaluation of reasonably stable applies. The reference level shall be the highest known water level unless Annual High Water Levels have been measurably increased by human activity, in which case the Department may set a different reference level using best available information.
- (b) If water level data are insufficient to perform either test in (a) for a given year, then the Department will presume that groundwater levels are not reasonably stable unless:
 - (A) the most recent evaluation of reasonably stable applies to a year within 5 years of the given year, in which case the Department may presume that the recent evaluation still applies; or
 - (B) groundwater has not yet been extracted or authorized for extraction from the groundwater reservoir, in which case the Department may presume that groundwater levels are reasonably stable.
- (c) The Department may evaluate Reasonably Stable Groundwater Levels for the year of the priority date of a groundwater right application or for a later year if more recent data are available.

C1a. If part (a) of 690-008-0001(9) has been superseded by a basin program rule as per 690-008-0001(9)(B)(d) proceed to C1c. List one or more representative wells in the proposed groundwater reservoir or part thereof that have sufficient data to evaluate part (a) of 690-008-0001(9). Both the Rate (OAR 690-008-0001(9)(a)(A)) and Magnitude (OAR 690-008-0001(9)(a)(B)) tests for a given well must be passed in order to find that the water levels are Reasonably Stable. It is not necessary to include all POAs proposed on this application into this table, as long as they all access the same part of the groundwater reservoir and have the same reasonable stability status indicated in C1b below. If some POAs are found to be reasonably stable while others are not, then all the POAs on the application should be included in the table below, with their POA number indicated in the second column. In that situation, the reviewer does not need to indicate in this table which wells are considered representative for determining reasonable stability status for different POAs, but they should describe those relationships in the comments below.

Well Log ID	POA Well #	Reference Level for Evaluation of Reasonable Stability (ft bls)	Rate Test	Magnitude Test	Water Levels Reasonably Stable
DOUG 55223*/58229	6	89.7	I.D.	PASS	I.D.
DOUG 58228	7	51.9	I.D.	PASS	I.D.
DOUG 621	--	58.5	PASS	PASS	YES
DOUG 53788	--	392.5	PASS	PASS	YES
DOUG 53842	--	18.0	PASS	PASS	YES
DOUG 53991	--	39.0	PASS	PASS	YES
DOUG 53992	--	120.0	PASS	PASS	YES

Comments: There is insufficient data for POAs listed on this application to make a determination regarding reasonable stable water levels. However, nearby wells DOUG 621, 53788, 53842, 53991 and 53992 all access the same fractured rock aquifer as the listed POA. Measurements from these wells indicate that water levels are reasonably stable in the groundwater reservoir to be accessed.

C1b. Summary finding for this application. Check only one primary finding. It is possible that different proposed POAs could access different parts of the GW reservoir, and for some of those parts to be Reasonably Stable while others are not. In that case, summary finding for the application should be “Not Reasonably Stable,” and the reviewer should indicate which POAs access part(s) of the groundwater reservoir that are Reasonably Stable. OAR 690-008-0001(9)(a): *Annual High Water Levels as measured at one or more representative wells in a groundwater reservoir or part thereof:*

Are Reasonably Stable

Groundwater has not yet been extracted or authorized for extraction from the groundwater reservoir

Are Not Reasonably Stable

If some Proposed POAs are Reasonably Stable, list the Reasonably Stable POAs here: _____

Sufficient data are not available to evaluate reasonable stability

List representative wells identified during review that could be measured in order to overcome a finding of Insufficient Data: _____

Comments: As discussed in section C1a, measurements from nearby wells indicate that water levels are reasonably stable in the groundwater reservoir to be accessed by POAs listed on this application.

C1c. OAR 690-008-0001(d): Evaluation for reasonably stable water levels per superseding basin program rules OAR 690-_____ for the _____ administrative basin.

Comments: _____

C2. Well Yield

C2a. OAR 690-300-0010(57)(e): Is the total requested rate of groundwater allocation obtainable by the expected yield of the well(s) proposed in the application given best available information?

Yes **No**

Comments: Well yields listed on the well reports associated with the application range from 3.25 to 60 gpm. It is possible that not all wells listed on this application will be able to sustain the requested rate of 14.31 gpm (0.032 cfs), however, it is likely that distributing the rate between the 7 proposed POAs will be able to provide the requested rate.

C3. Groundwater Interference with Surface Water

OAR 690-300-0010(57): “Water is Available”, when used in OAR 690-310-0080, 690-310-0010 and 690-310-0130, means [...]:
(f) The proposed groundwater use does not have the Potential for Substantial Interference (OAR 690-009-0020(5)) with a surface water source [that is not available for further appropriation]

OAR 690-009-0040: (1) When evaluating a Proposed Groundwater Use, Hydraulic Connection and the Potential for Substantial Interference with a surface water source shall be determined by the Department according to these rules. These determinations shall be based upon the application of generally accepted hydrogeologic principles using best available information concerning the hydrologic system of interest and the well(s) under consideration.

(a) Appropriate information that is provided in the application or in the public comment period for the application shall be considered in the process of making these determinations.

(b) Best available information may include, but is not limited to, pertinent water well reports, aquifer test analyses, hydrologic and geologic studies and reports, groundwater and surface water elevation data, available numerical and analytical groundwater flow models, and any other information that is used in applying generally accepted hydrogeologic principals and methodologies.

(2) A determination of Hydraulic Connection is a prerequisite for a determination of the Potential for Substantial Interference.

(3) A determination of the Potential for Substantial Interference with a surface water source shall at a minimum include application of the generally accepted hydrogeological principles described in “Streamflow Depletion by Wells – Understanding and Managing the Effects of Groundwater Pumping on Streamflow” by P. M. Barlow and S. A. Leake, 2012.

(4) The Potential for Substantial Interference with a surface water source exists if the well(s) under consideration will, over the full term of the proposed or authorized groundwater use, obtain water from Streamflow Depletion.

OAR 690-009-0020(4): “Hydraulic Connection” means saturated conditions exist allowing water to move between two or more sources of water, either between groundwater and surface water or between groundwater sources.

OAR 690-009-0020 (7) “Streamflow Depletion” means a reduction in the flow of a surface water source due to pumping a hydraulically connected groundwater source. Streamflow Depletion encompasses:

- (a) captured groundwater that would otherwise discharge to a surface water source; or
- (b) induced infiltration from a surface water source to the hydraulically connected groundwater source.

C3a. OAR 690-009-0020(5): “Potential for Substantial Interference”, or “PSI”, means that a groundwater use will cause streamflow depletion based on the assessments described in OAR 690-009-0040, and therefore may cause or has caused substantial interference with or undue interference with a surface water source, based on the definitions in OAR 690-008-0001.

Summary of surface water sources evaluated for hydraulic connection and Potential for Substantial Interference. For hydraulic connection and potential for substantial interference, a value of 1 means yes, and blank means no.

POA Well	WRD Streamcode	Streamcode Surface Water Name	Water Availability Basin (WAB)	WAB Watershed ID	Hydraulically Connected	Potential for Substantial Interference
1	16125009000080	Newton Creek	S UMPQUA R > UMPQUA R – AT MOUTH	351	1	1
2					1	1
3					1	1
4					1	1
5					1	1
6					1	1
7					1	1
1	1612500890	North Umpqua River	N UMPQUA R > UMPQUA R - AT MOUTH	71174	1	1
2					1	1
3					1	1
4					1	1
5					1	1
6					1	1
7					1	1
1	1612500900	South Umpqua River	S UMPQUA R > UMPQUA R – AT MOUTH	351	1	1
2					1	1
3					1	1
4					1	1
5					1	1
6					1	1
7					1	1

Comments: The groundwater accessed by the proposed POAs is hydraulically connected to Newton Creek, the North Umpqua River and the South Umpqua River. Static water levels in wells range from 648 to 1,224 feet AMSL and are higher than nearby surface water stages of Newton Creek (~560 ft AMSL), the North Umpqua River (~410 feet AMSL) and the South Umpqua River (~400 feet AMSL) suggesting that groundwater is flowing through interconnected fractures and discharging to surface water in the valley bottoms. Both the North and South Umpqua Rivers are regional groundwater discharge locations as they have incised deeply into the terrain.

Pumping by the proposed POAs will capture groundwater that would have otherwise flowed toward and discharged to Newton Creek, the North Umpqua River and the South Umpqua River. The POAs obtain water from streamflow depletion resulting in a finding of Potential for Substantial Interference for the identified surface water sources

List all surface water sources identified to have PSI and their associated Water Availability Basin:

WRD Streamcode	Streamcode Surface Water Name	Water Availability Basin (WAB)	WAB Watershed ID
16125009000080	Newton Creek	S UMPQUA R > UMPQUA R – AT MOUTH	351
1612500890	North Umpqua River	N UMPQUA R > UMPQUA R - AT MOUTH	71174
1612500900	South Umpqua River	S UMPQUA R > UMPQUA R – AT MOUTH	351

Comments: _____

D. INJURY:

OAR 690-310-0130 (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 if... (c) The proposed use will not injure other water rights.

To make a finding of injury to an existing water right, the Department must make a finding of “Substantial Interference” as defined in OAR 690-008-0001(10). The finding of “Substantial Interference” with a surface water right is made by the Water Rights Services Division based on the evaluation in section C3. Sections D1 and D2, below, address the finding of “Substantial Interference” with a groundwater right.

OAR 690-008-0001(10): “Substantial or Undue interference”, means the spreading of the cone of depression of a well to intersect a surface water source or another well, or the reduction of the groundwater levels as a result of pumping or otherwise extracting groundwater from an aquifer, which contributes to:

- (b) The groundwater level being drawn down to the Economic Pumping Level of the senior appropriator(s); or*
- (c) One or more of the senior groundwater appropriators being unable to obtain either the permitted or customary quantity of groundwater, whichever is less, from a reasonably efficient well that fully penetrates the aquifer where the aquifer is relatively uniformly permeable. However, in aquifers where flow is predominantly through fractures, full penetration may not be required as a condition of substantial or undue interference.*

D1a. OAR 690-008-0001(10): Will the proposed groundwater use result in substantial or undue interference with an existing groundwater user?

Yes No **No, as long as the permit is conditioned as indicated in item F below.**

Comments: The nearest wells to the proposed POAs are associated with groundwater Permit G-18720, also held by Norway Development LLC. It can be difficult to predict where and at what magnitude well-to-well interference will occur in fractured rock aquifers. Given the low requested rate split between 7 different POAs, it is unlikely that the use proposed by this application would result in substantial or undue interference with an existing groundwater user if the permit is conditioned as indicated in item F below.

E. OTHER RULES OF THE COMMISSION:

OAR 690-310-0130 (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 if... (d) The proposed use complies with the rules of the Commission.

E1. OAR 690-200, 690-210 and 690-215: Well Construction

Identify any notable well construction deficiencies or hydrogeologic considerations to support review by Well Construction & Compliance.

E1a. Well #: _____ Logid: _____

E1b. Well construction deficiency or other comment is described as follows: _____

E2. OAR 690-310-0260: Water Rights Within or Above State Scenic Waterways

E2a. Are any of the proposed sources of appropriation hydraulically connected to a State Scenic Waterway or its tributaries?
 Yes No

Hydraulically connected State Scenic Waterway: _____
Comments: _____

E2b. Per ORS 390.835, is the Groundwater Section able to calculate ground water interference with surface water that contributes to a Scenic Waterway?

Yes. The calculated interference is distributed below:

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 "No" option below, 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

No. 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.

Comments: _____

E3. Other Relevant Rules of the Commission:

Comments: _____

F. RECOMMENDED MODIFICATIONS OR CONDITIONS:

OAR 690-310-0140(2): If the Department determines that the presumption is not established, the Department shall determine whether the proposed use will impair or adversely affect the public welfare, safety and health under ORS 537.525 and may either:

- (a) Propose denial of the application upon a finding that the use will impair or adversely affect the public welfare, safety and health;*
- or*
- (b) Make specific findings to demonstrate that even though the presumption is not established, the proposed use will not impair or adversely affect the public welfare, safety and health and propose approval of the application with appropriate modifications or conditions.*

Based on the findings in sections A-D above, the following conditions are recommended if the permit is approved:

7RLS: Standard Permit Condition Language – Some Reference Levels Set, Large water-use reporting.

REFERENCES:

Oregon Water Resources Department. Groundwater Information System. Accessed 6/16/2025.

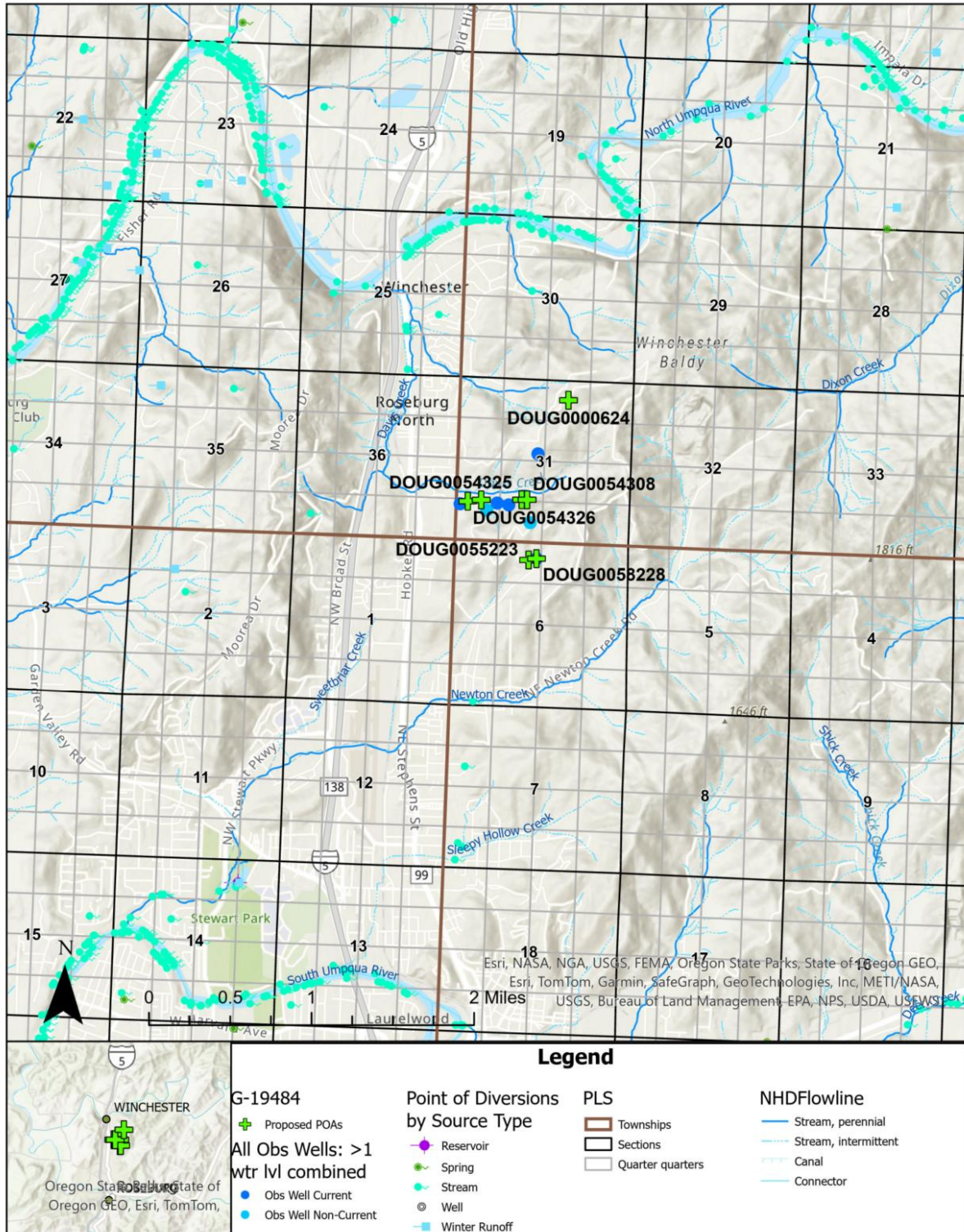
Oregon Water Resources Department. Water Rights Information System. Accessed 6/17/2025.

Wells et Al., 2000. Geologic map and database of the Roseburg 30' X 60' quadrangle, Douglas and Coos Counties, Oregon. OFR OF-2000-376, U.S. Geological Survey

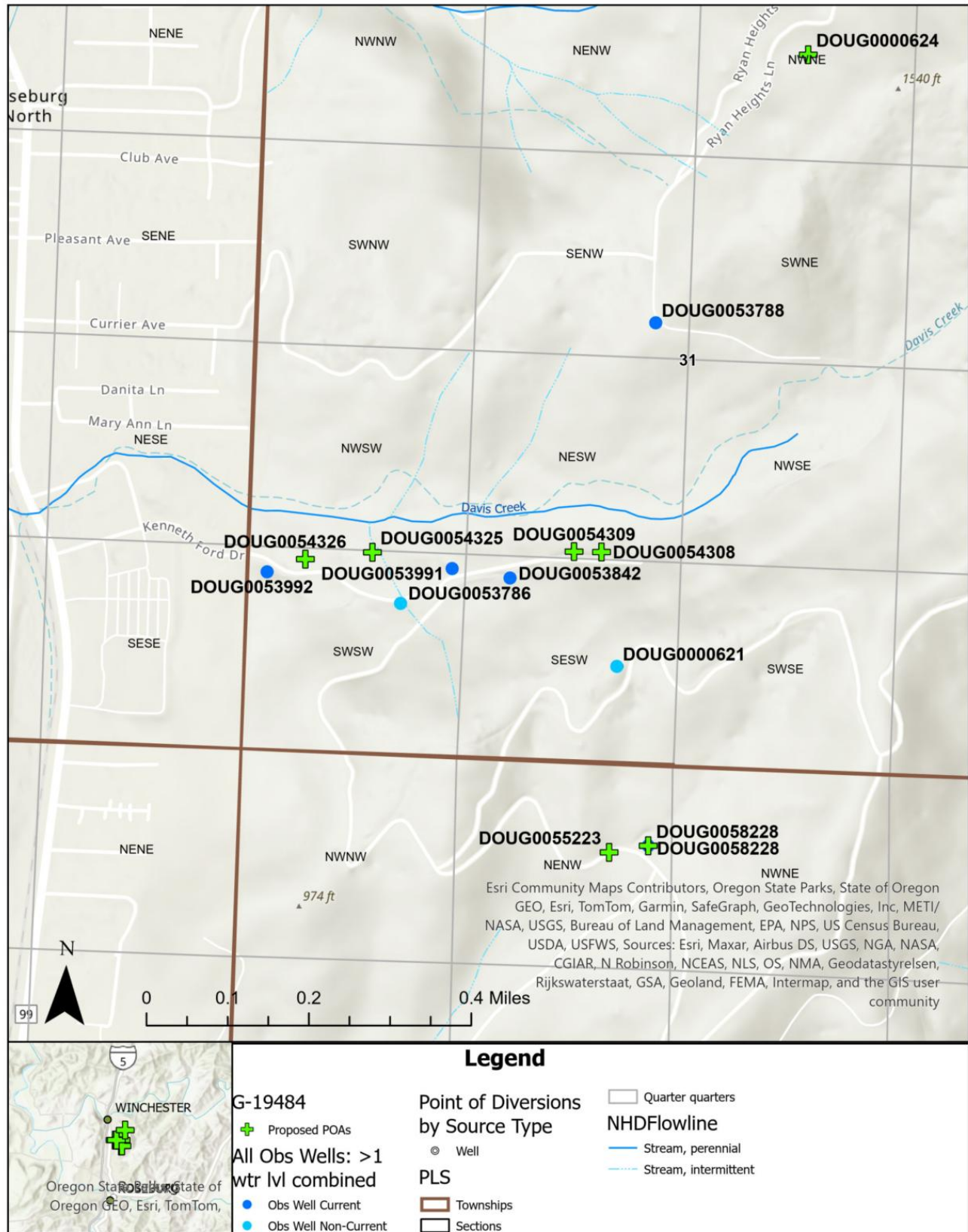
ATTACHMENTS:

Well Location Map

G-19484 - Area Map

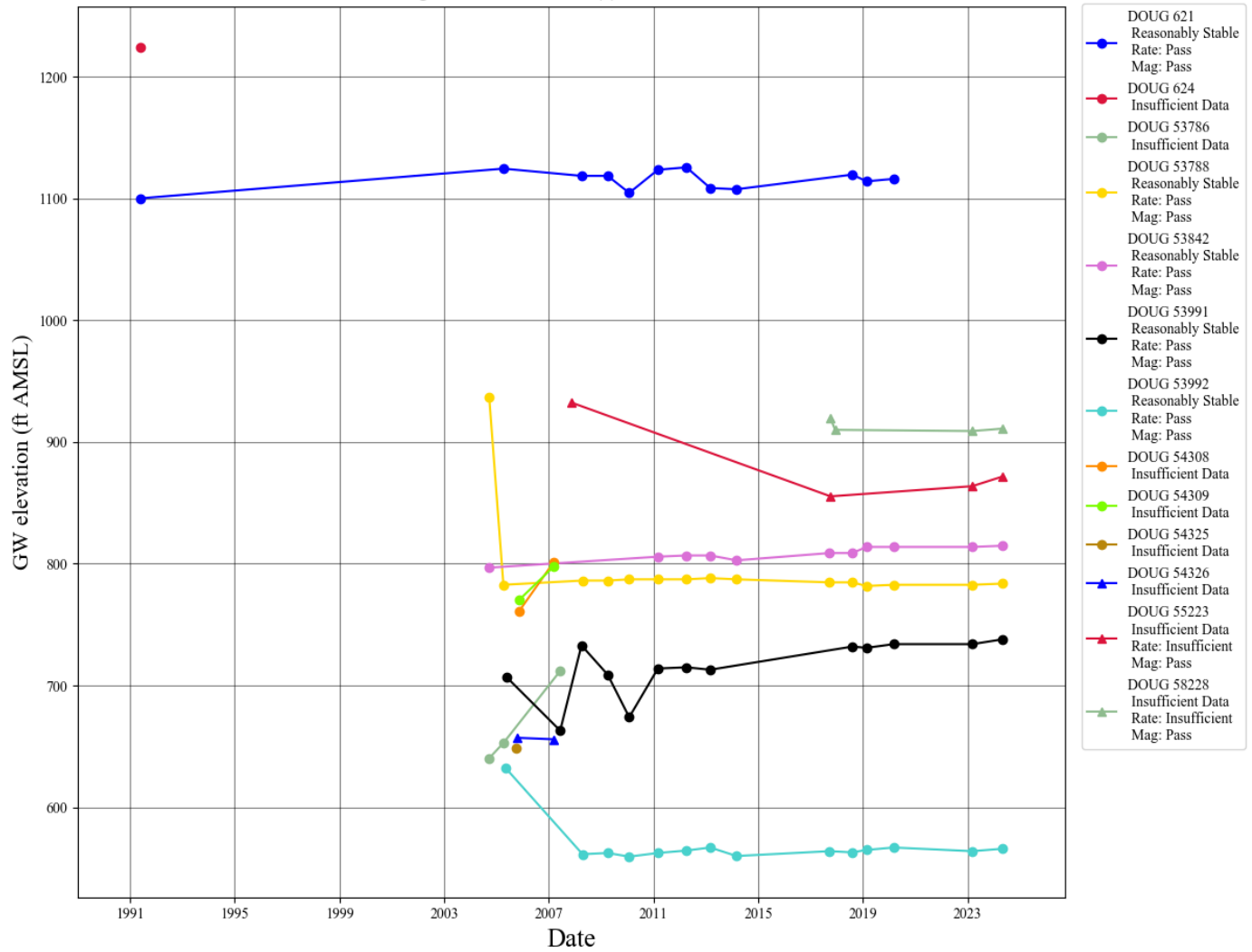


G-19484 - Detail Map



Water-Level Measurements in Nearby Wells

Observation Well Data



Relevant WABs

Water Availability Analysis

Detailed Reports

S UMPQUA R > UMPQUA R - AT MOUTH
UMPQUA BASIN

Water Availability as of 6/16/2025

Watershed ID #: 351 ([Map](#))

Exceedance Level: 80%

Date: 6/16/2025

Time: 10:27 AM

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	1,680.00	182.00	1,500.00	0.00	595.00	903.00
FEB	2,620.00	189.00	2,430.00	0.00	595.00	1,840.00
MAR	2,270.00	18.80	2,250.00	0.00	595.00	1,660.00
APR	2,040.00	25.90	2,010.00	0.00	595.00	1,420.00
MAY	1,140.00	39.20	1,100.00	0.00	350.00	751.00
JUN	442.00	70.70	371.00	0.00	235.00	136.00
JUL	172.00	87.30	84.70	0.00	235.00	-150.00
AUG	109.00	75.50	33.50	0.00	146.00	-113.00
SEP	112.00	59.10	52.90	0.00	139.00	-86.10
OCT	144.00	17.00	127.00	0.00	300.00	-173.00
NOV	317.00	50.90	266.00	0.00	595.00	-329.00
DEC	1,060.00	174.00	886.00	0.00	595.00	291.00
ANN	1,510,000.00	59,400.00	1,450,000.00	0.00	300,000.00	1,170,000.00

Water Availability Analysis

Detailed Reports

N UMPQUA R > UMPQUA R - AT MOUTH
UMPQUA BASIN

Water Availability as of 6/16/2025

Watershed ID #: 71174 ([Map](#))

Exceedance Level: 80%

Date: 6/16/2025

Time: 10:29 AM

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	2,710.00	61.40	2,650.00	0.00	1,350.00	1,300.00
FEB	3,180.00	62.00	3,120.00	0.00	1,350.00	1,770.00
MAR	3,040.00	51.30	2,990.00	0.00	1,350.00	1,640.00
APR	3,030.00	53.60	2,980.00	0.00	1,350.00	1,630.00
MAY	2,580.00	57.80	2,520.00	0.00	1,350.00	1,170.00
JUN	1,520.00	63.10	1,460.00	0.00	1,350.00	107.00
JUL	1,020.00	68.10	952.00	0.00	1,290.00	-338.00
AUG	835.00	64.70	770.00	0.00	996.00	-226.00
SEP	822.00	59.80	762.00	0.00	982.00	-220.00
OCT	922.00	51.30	871.00	0.00	1,190.00	-319.00
NOV	1,290.00	55.80	1,230.00	0.00	1,350.00	-116.00
DEC	2,270.00	61.60	2,210.00	0.00	1,350.00	858.00
ANN	2,160,000.00	42,900.00	2,110,000.00	0.00	921,000.00	1,210,000.00