

STATE OF OREGON
Water Resources Department
725 Summer St. N.E.
Salem, OR 97301

MEMORANDUM

DATE: 11/04/2022

TO: Mary Bjork, Permit Renewal Review; Justin Iverson, GW Section Manager; Jake Constans, District 18 Watermaster

FROM: Dennis Orłowski, Hydrogeologist

SUBJECT: Application: G-14667 Permit: G-18178 EX
Information to Assess Permit Renewal Request

Location: T 2S/ R 2W- S 16
GW Limited Area: Chehalem Mountain
Permittee: Priscilla Decker Trust
Use: Primary Irrigation, 38.41 acres
Priority Date: 01/16/1998
Permit History:

Permit	Date Issued	Date Expired
G-13554 EX	12/23/1998	12/23/2003
G-15749 EX	10/21/2004	10/31/2008
G-16529 EX	6/16/2009	10/31/2013
G-16536 EX	6/23/2009	10/31/2013
G-17115 EX	12/19/2013	10/31/2018
G-18178 EX	4/19/2019	10/31/2021

Q: 0.19 cfs

Well Logs: Well 1 (WASH 12682), Well 2 (WASH 60120)

Decline Triggers: From permit G-18178 EX: "Use of water from the well shall be controlled or shut off if the well displays: a) an average water level decline of three or more feet per year for five consecutive years; b) a total water level decline of fifteen or more feet; or c) a hydraulic interference of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights."

Renewal Criteria: From permit G-18178 EX: "The permit may be renewed for additional periods of time, not to exceed five years, if the Director finds the groundwater resource can probably support the continued use."

Pump Test: Approved on 05/06/2009.

Long-term supply plan: Not applicable.

Water Use Rptg: OWRD online records show current through 2021.

COBU: In file (submitted in 2007).

Water Level Rptg: Permittee is required to submit a March water level each year; current through 2022.

Ref. Water Level: Well 1 (WASH 12682): 108.90 ft below land surface; Well 2 (WASH 60120): -123.50 ft bls.

SWL Data: See attached hydrographs for WASH 12682 and WASH 60120.

Comments

TRIGGERS. No triggers have been exceeded. For Well 1 (WASH 12682) there is a data gap between 2009 and 2017, but the most recent measurement shows a recovery of approximately 5 feet from the mid-2000s.

For Well 2 (WASH 60120), annual measurements have been consistently submitted from 2004 through 2022. From 2018 through 2021, levels consistently declined each year for a total of approximately 7 feet, but then slightly recovered in 2022; it is possible that this period of decline corresponds to drought conditions experienced over this same general timeframe.

RECOVERY FROM TRIGGER LEVELS. This is not a current issue.

AREA WATER LEVEL BEHAVIOR. Since the mid-1980s, water-level data from WASH 12682, WASH 60120 and other nearby wells show general stability, aside from the 2018-2021 decline measured in WASH 60120.

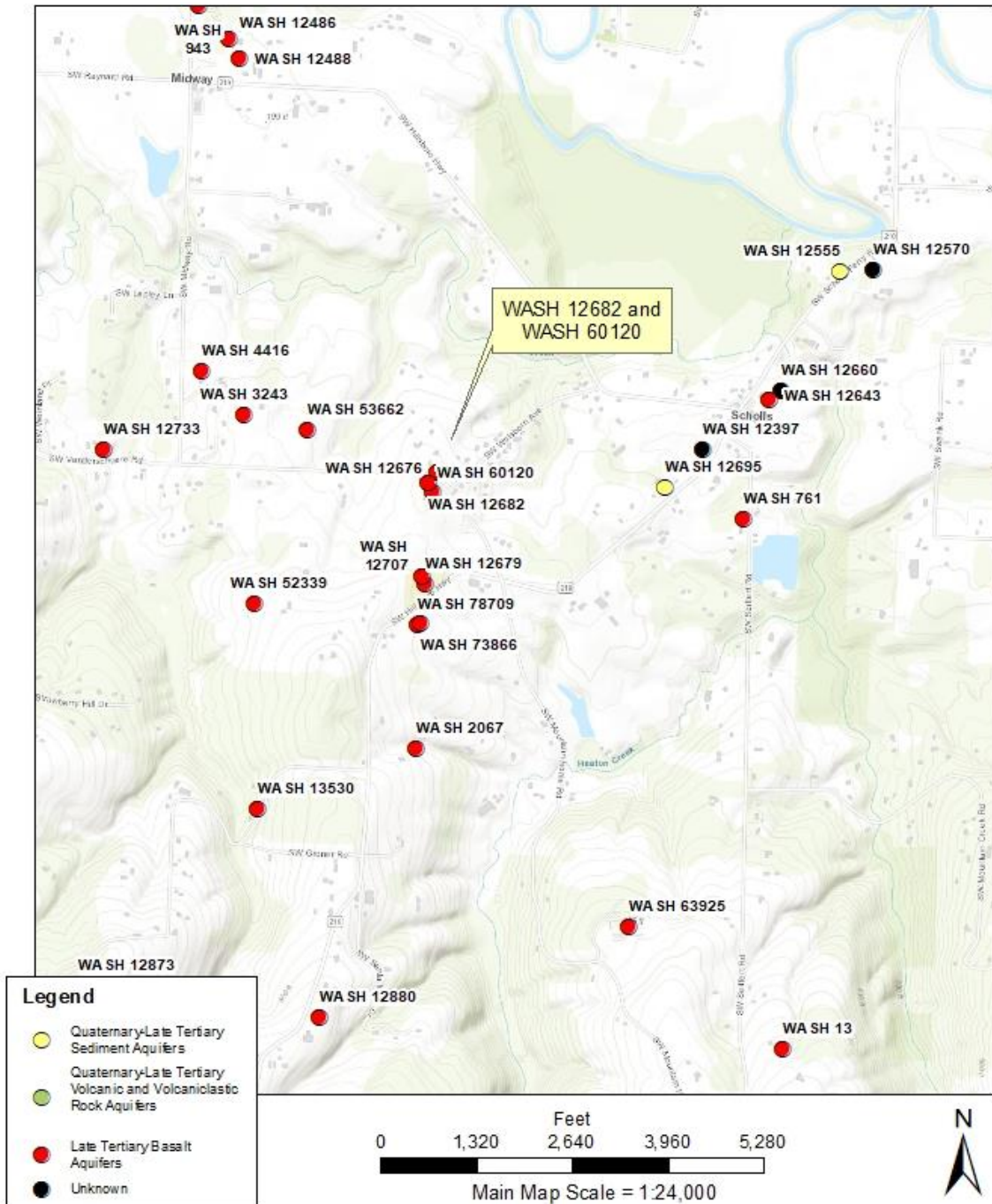
PERMIT RENEWAL. The groundwater resource can probably support the extended use.

The Groundwater Section finds that renewal criteria for application G-14667/permit G-18178 EX have been satisfied.

If renewed by Water Rights, it is requested that the renewal for application G-14667/permit G-18178 EX include a **new expiration date of October 31, 2028**. The Groundwater Section proposes that, to the extent possible, all time-limited permits within a particular GWLA possess the same expiration date. The goal for synchronizing expiration dates will be to streamline future groundwater technical reviews by allowing them to be done concurrently for a particular GWLA, and thus reduce the overall administrative burden to the Department.

Area Map

**Permit G-18178 EX, Renewal Review
Priscilla Decker Trust
T2S/R2W Section 16**



Water Use Report

Water Use Report Based on Water Right

Permit: G 18178 EX
 PRISCILLA DECKER TRUST 12475 SW RIVER RD HILLSBORO, OR 97123

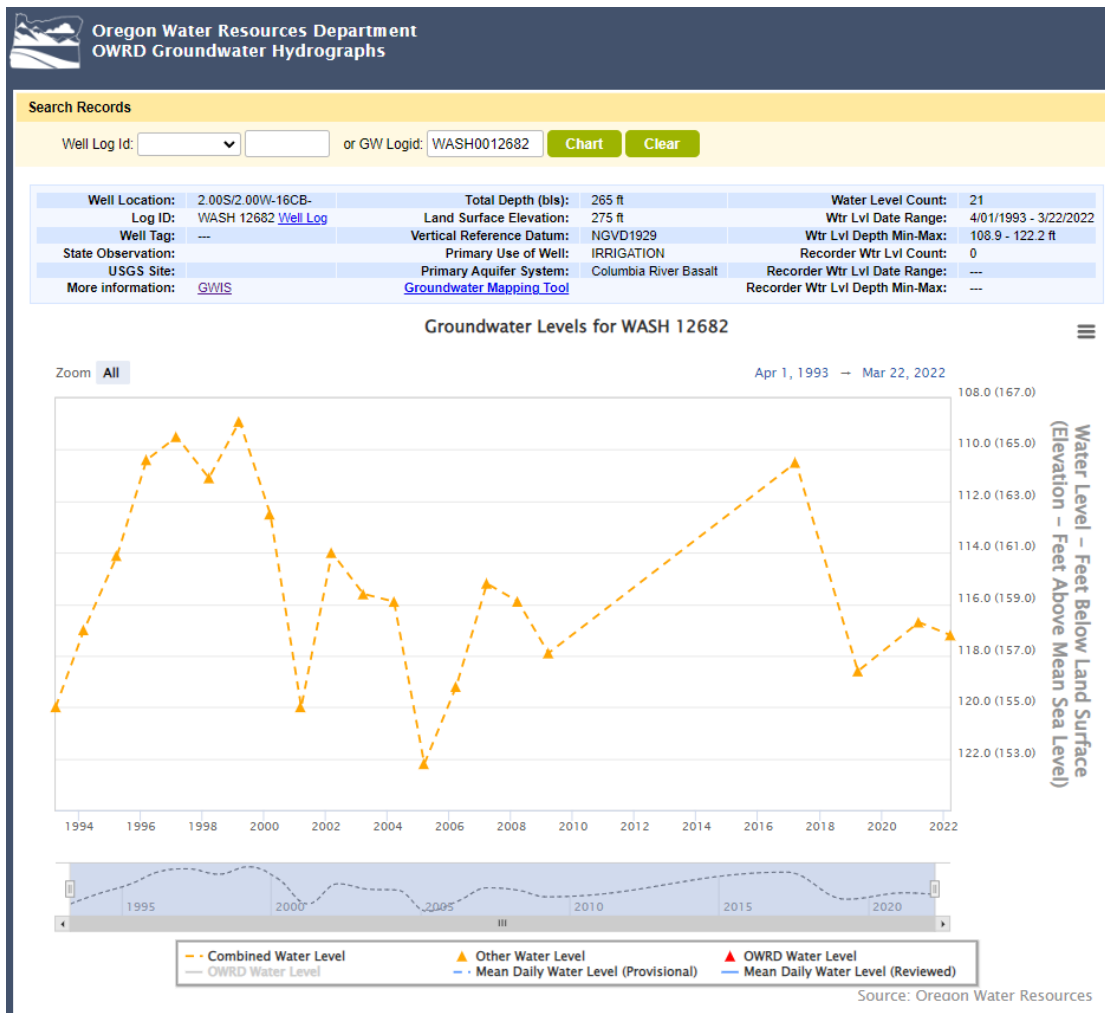
Records per page: [View All](#)

Water Year*	Report ID	Facility	Acre-feet (AF) of Water Used												Total Water Used	Irrigated Acres
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
2021	62451	WELL 1/CAMP 2 OLD (WASH 12682)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.04	30.00
2021	62455	WELL 2/CAMP 1 NEW (WASH 60120/L-66009)	0.00	0.10	0.00	0.00	0.00	0.00	0.06	0.57	0.50	0.29	0.24	0.11	1.88	30.00
2020	62451	WELL 1/CAMP 2 OLD (WASH 12682)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.01	0.05	0.14	
2020	62455	WELL 2/CAMP 1 NEW (WASH 60120/L-66009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.03	0.16	0.19	0.34	0.84	15.00
2019	62451	WELL 1/CAMP 2 OLD (WASH 12682)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	62455	WELL 2/CAMP 1 NEW (WASH 60120/L-66009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.03	15.00
2018	62451	WELL 1/CAMP 2 OLD (WASH 12682)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.22	15.00
2018	62455	WELL 2/CAMP 1 NEW (WASH 60120/L-66009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.24	15.00
2017	62451	WELL 1/CAMP 2 OLD (WASH 12682)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2017	62455	WELL 2/CAMP 1 NEW (WASH 60120/L-66009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.00	0.00	0.08	

1 2 3

*The water year is named for the calendar year in which it ends. Example: the 2018 water year begins Oct. 1, 2017 and ends Sep. 30, 2018.

Hydrographs



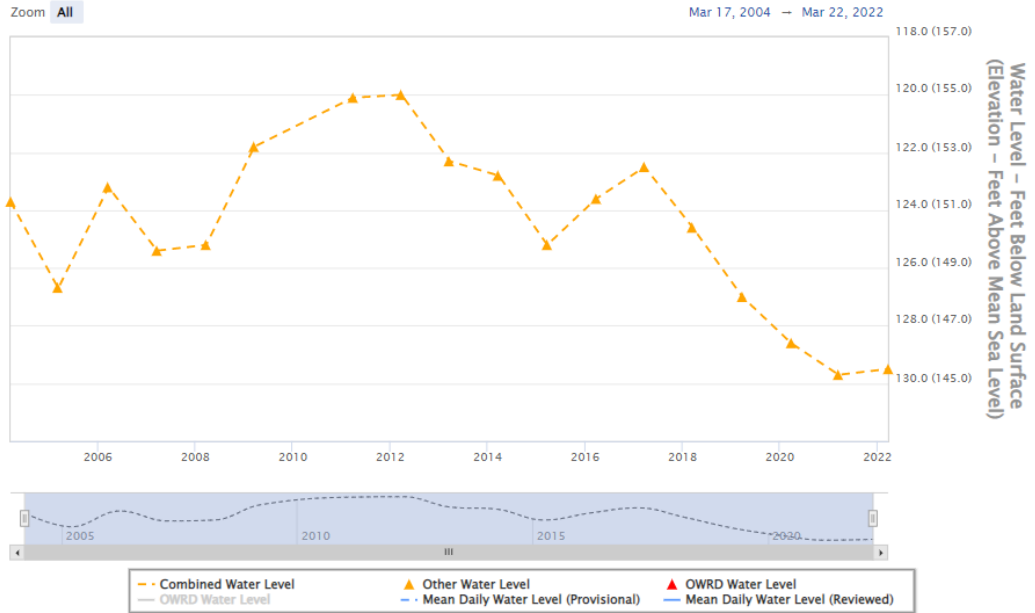


Search Records

Well Log Id: or GW Logid:

Well Location:	2.00S/2.00W-16---	Total Depth (bis):	405 ft	Water Level Count:	18
Log ID:	WASH 60120 Well Log	Land Surface Elevation:	275 ft	Wtr Lvl Date Range:	3/17/2004 - 3/22/2022
Well Tag:	66009	Vertical Reference Datum:	NGVD1929	Wtr Lvl Depth Min-Max:	120 - 129.7 ft
State Observation:		Primary Use of Well:	IRRIGATION	Recorder Wtr Lvl Count:	0
USGS Site:		Primary Aquifer System:	Columbia River Basalt	Recorder Wtr Lvl Date Range:	---
More information:	GWIS	Groundwater Mapping Tool		Recorder Wtr Lvl Depth Min-Max:	---

Groundwater Levels for WASH 60120



Source: Oregon Water Resources