

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

MEMORANDUM

DATE: 11/6/2020

TO: Mary Bjork, Water Rights Program Analyst; Justin Iverson, GW Section Manager
FROM: Ben Scandella and Jen Woody, Hydrogeologists
SUBJECT: Application G- 12120 Permit G- 17120
Information to Assess Permit Renewal Request

Location: T 3S/ R 2W- S 16
GW Limited Area: Chehalem Mountain Groundwater Limited Area (GWLA)
Permittee: OXBERG LAKES ESTATES HOMEOWNERS ASSOCIATION
Use: Group domestic for 39 families (0.18 cfs), including irrigation of lawn or noncommercial garden not to exceed ½ acre in area for each
Priority Date: 5/18/1990

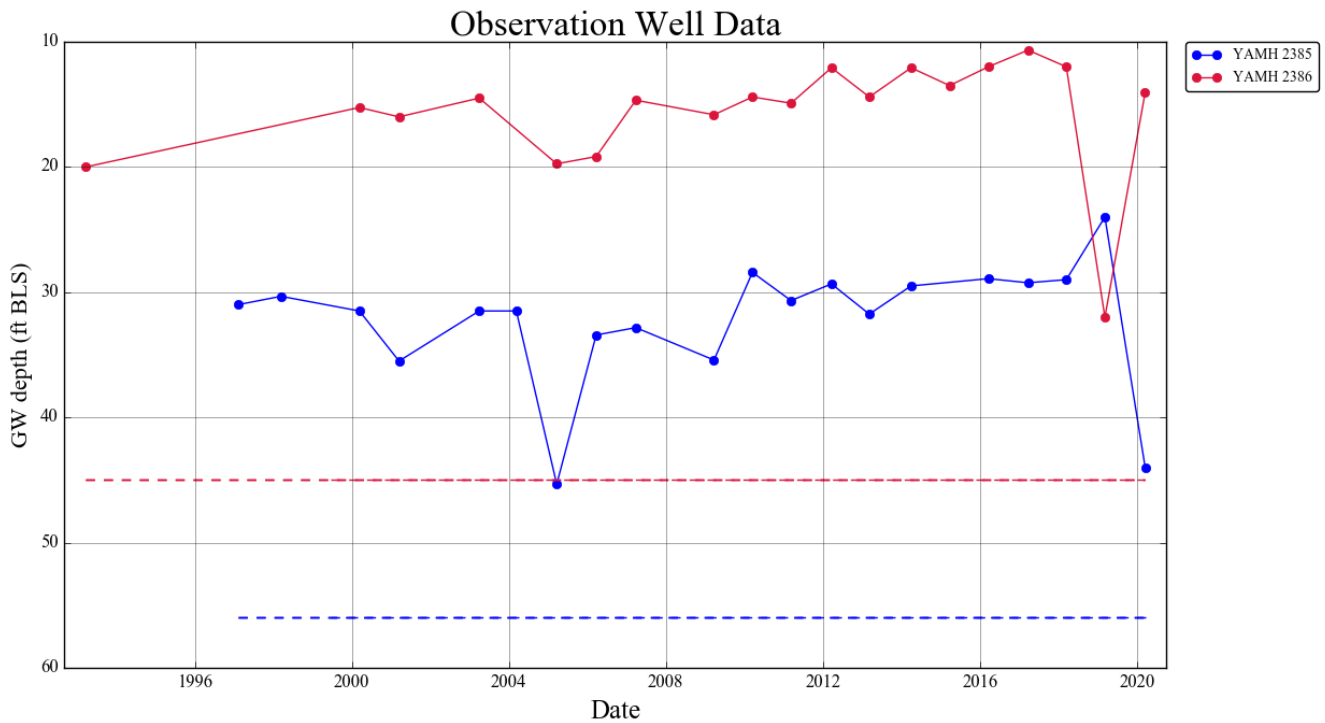
Permit History:

Document/Permit	Date Issued	Date Expired
G-11526	6/2/1992	6/2/1997
G-13675	6/18/1999	6/18/2004
G-15638	9/9/2004	10/31/2008
G-16744	1/24/2011	10/31/2013
G-17120	1/16/2014	10/31/2018

Q: 0.18 cfs
Well Logs: YAMH 2385 and YAMH 2386
Decline Triggers: If a well listed on this permit displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the appropriator shall discontinue use of, or reduce the rate or volume of withdrawal from, the wells.
Special Conditions: The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.
Renewal Criteria: The permit may be renewed for additional periods of time, not to exceed five years each, if the Director finds the gw resource can probably support the extended use
Pump Test: Both approved.
Long-term Supply Plan: Submitted in 1998
Meas. Tube/Air Line: The works shall be equipped with a usable access port, and may also include an airline and pressure gauge adequate to determine water level elevations in the well at all times.
Water Use Reporting: Submitted and entered through September 2019.
COBU: Received 7/11/1997
Water Level Reporting: Permittee is required to submit a March water level each year.

Ref. Water Levels: Well #1 (YAMH 2386) – 20 feet below land surface, Well #2 (YAMH 2385) – 31 feet below land surface

SWL Data:

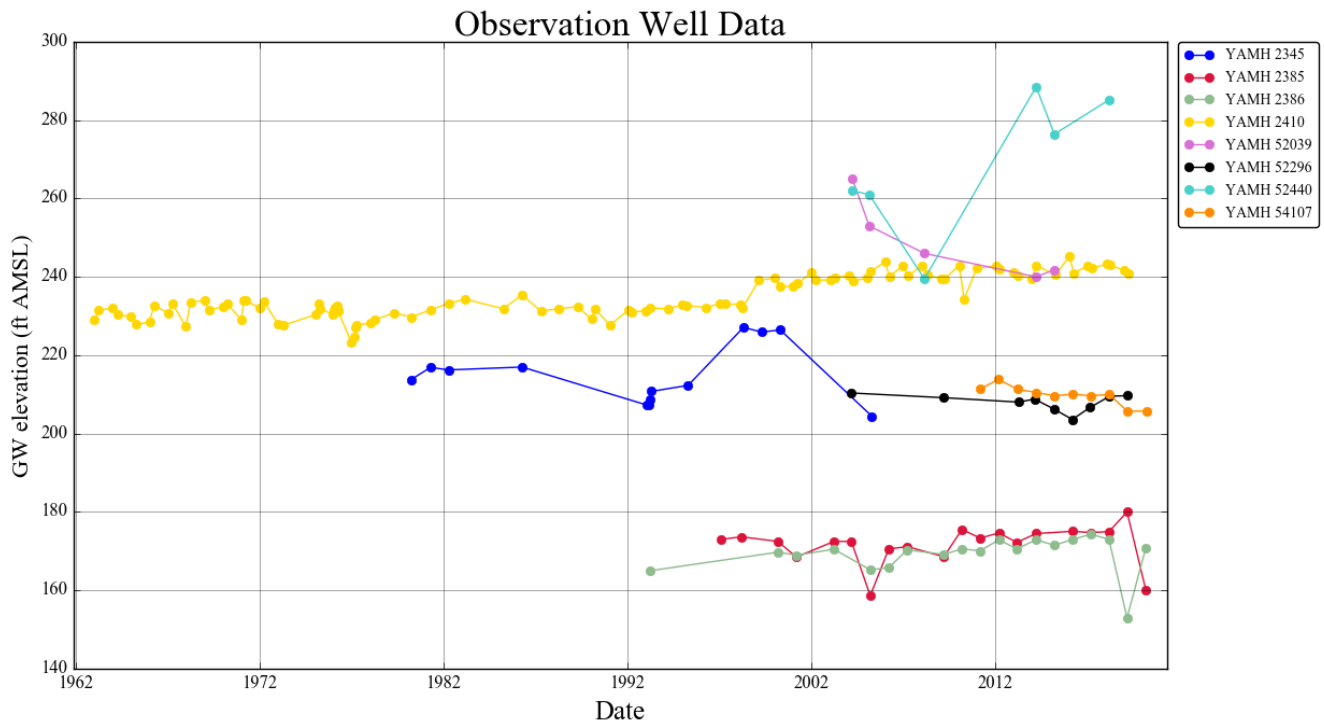


Comments

TRIGGERS. The water level record in both wells appears reasonably stable, punctuated intermittently by years of apparent decline that may not reflect static conditions. No triggers have been exceeded.

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

AREA WATER LEVEL BEHAVIOR. Reported water levels in nearby basalt wells show relatively stable levels over the past ~50 years (see long-term hydrograph below showing static January through April measurements).



PERMIT RENEWAL. The groundwater resource can probably support the extended use until 2022.

CONCLUSIONS: I recommend that the permit be renewed with an expiration date of 10/31/2022, to synchronize it with the common review schedule intended for the Chehalem Mountain GWLA. The applicant must continue to monitor and report water use and static water levels.