

18246: Drawdown from current location = 1.40 ft
Drawdown from proposed location = 1.33 ft
Net drawdown = **-0.1 ft**

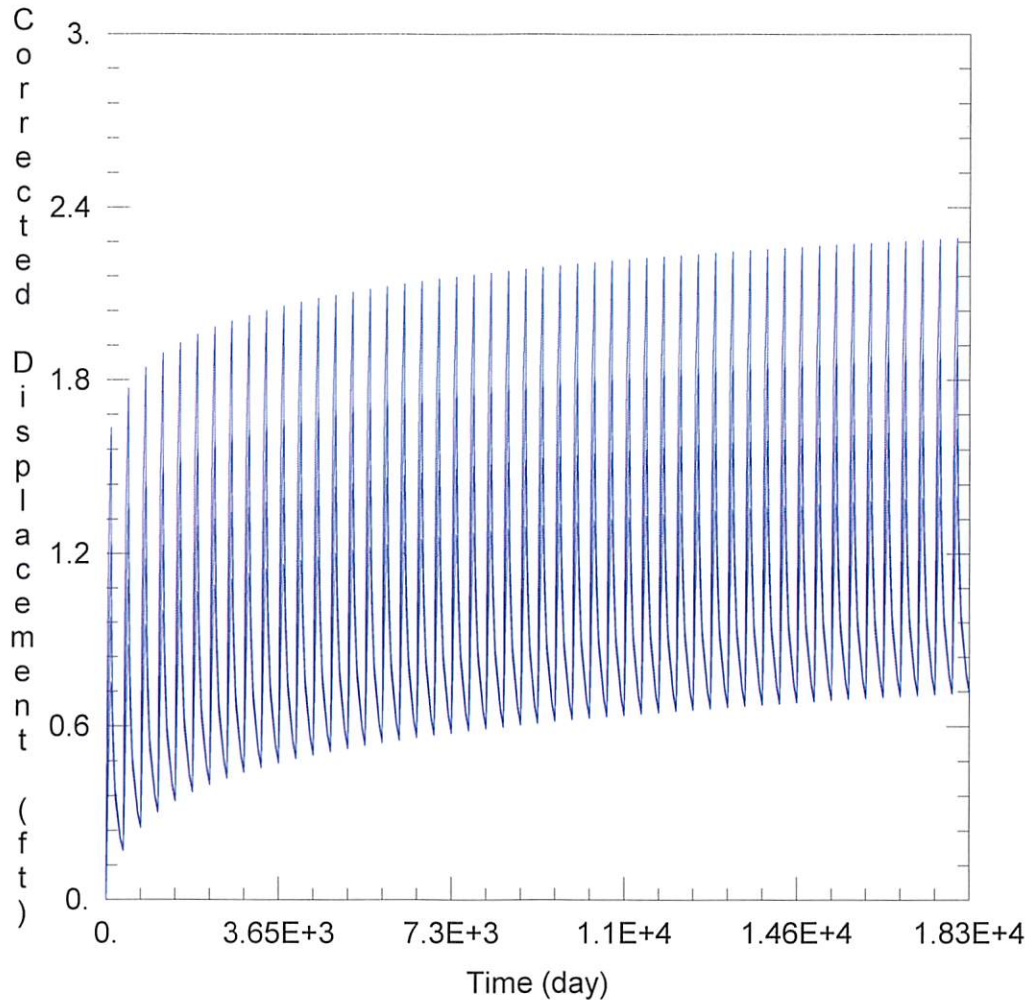
37343: Drawdown from current location = 1.63 ft
Drawdown from proposed location = 1.70 ft
Net drawdown = **0.1 ft**

Domestic: Drawdown from current location = 2.29 ft
Drawdown from proposed location = 2.05 ft
Net drawdown = **-0.25 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\42562\42562 current.aqt

Date: 02/26/25

Time: 14:16:18

PROJECT INFORMATION

Test Well: 42562

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
42562	-196844	47501

Observation Wells

Well Name	X (ft)	Y (ft)
□	-196844	47501
□ 42182	-199801	46496
□ 18246 & 42971	-193344	51045
□ 37343	-193146	45993
□ Domestic	-197334	49640

SOLUTION

Aquifer Model: Unconfined

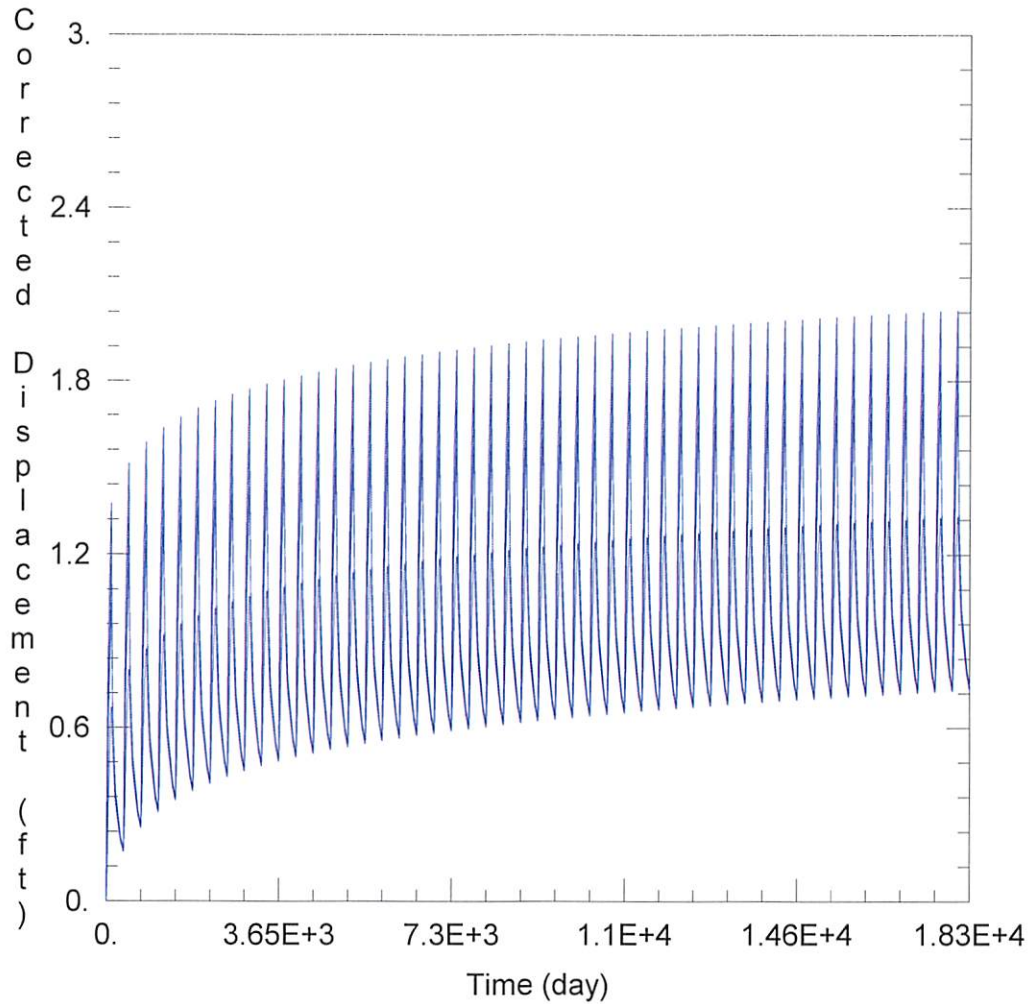
Solution Method: Theis

T = 2.464E+4 ft²/day

S = 0.071

Kz/Kr = 1.

b = 259. ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\42562\42562 proposed.aqt

Date: 02/26/25

Time: 14:16:23

PROJECT INFORMATION

Test Well: 42562

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
<u>42562</u>	-196844	47501
<u>ProposedPD2</u>	-196449	44838

Observation Wells

Well Name	X (ft)	Y (ft)
□	-196844	47501
□	-196449	44838
□ <u>42182</u>	-199801	46496
□ <u>18246 & 42971</u>	-193344	51045
□ <u>37343</u>	-193146	45993
□ <u>Domestic</u>	-197334	49640

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 2.464E+4 ft²/day

S = 0.071

Kz/Kr = 1.

b = 259. ft