



22577 ID5: Drawdown from current location = 1.86 ft  
Drawdown from proposed location = 2.46 ft  
Net drawdown = 0.6

28621 ID3: Drawdown from current location = 1.58 ft  
Drawdown from proposed location = 2.24 ft  
Net drawdown = 0.7

30157: Drawdown from current location = 1.47 ft  
Drawdown from proposed location = 2.17 ft  
Net drawdown = 0.7

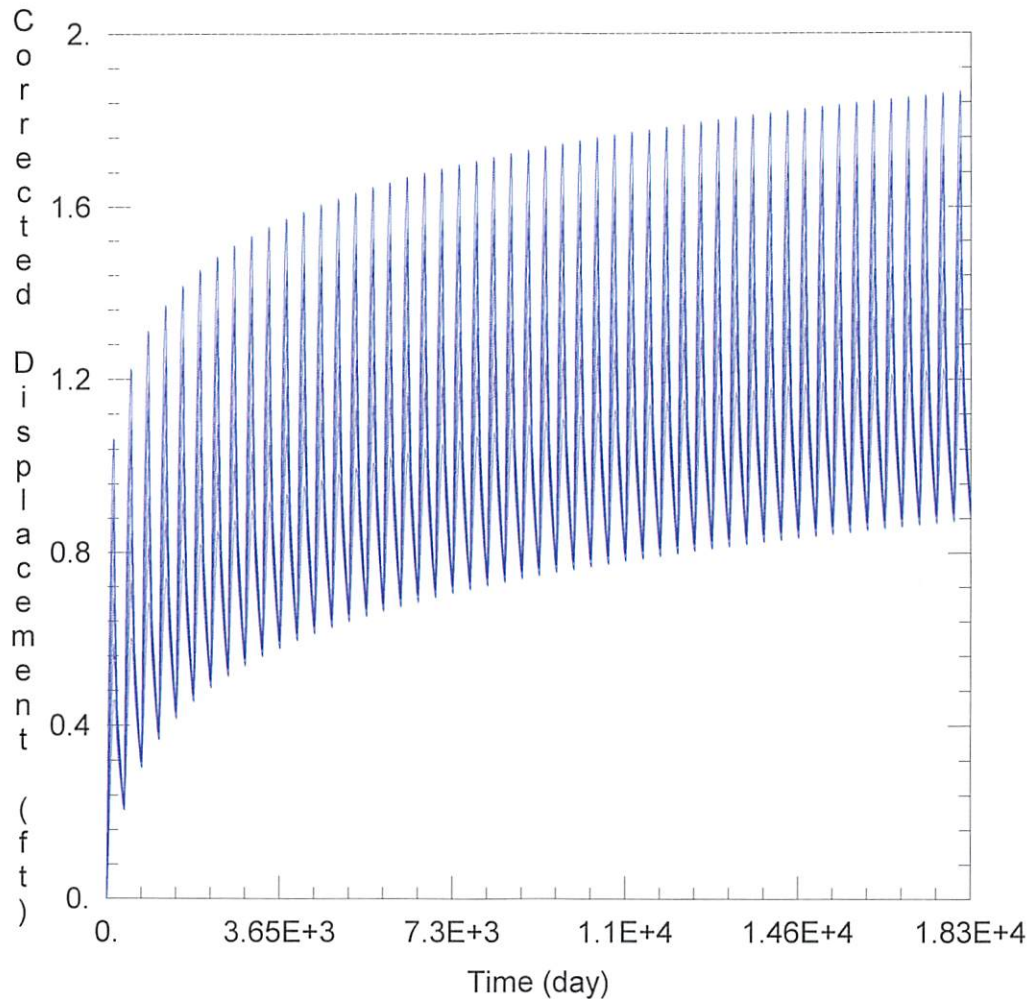
24520 ID5: Drawdown from current location = 1.74 ft  
Drawdown from proposed location = 2.20 ft  
Net drawdown = 0.7

Domestic S19-26-33: Drawdown from current location = 1.37 ft  
Drawdown from proposed location = 2.09 ft  
Net drawdown = 0.7 ft

Net drawdown does not exceed the drawdown allowance of 3.5 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\24050\24050 current.aqt

Date: 10/14/24

Time: 11:24:39

PROJECT INFORMATION

Test Well: 24050

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
25040	-54570	327537
28620	-53310	325772

Observation Wells

Well Name	X (ft)	Y (ft)
□	-54570	327537
□	-53310	325772
□ 22577 ID9	-58027	327486
□ 22577 ID7	-56025	328301
□ 22577 ID5	-55863	325497
□ 28621 ID3	-50915	328335
□ 30157	-55949	322941
□ 25420 ID7	-53353	323107
□ 20890	-54335	320731
□ 25420 ID5	-50809	323062
□ Domestic	-49004	326406

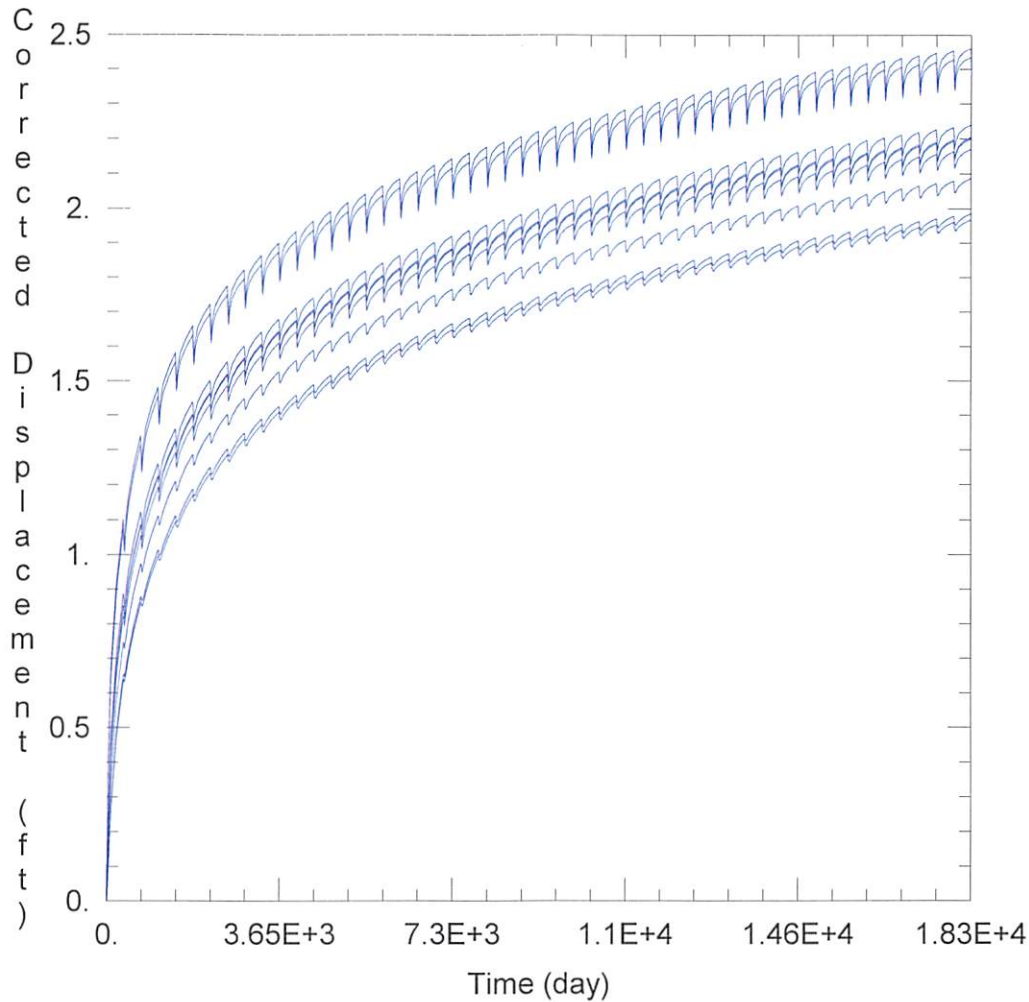
SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.415E+4 ft<sup>2</sup>/day

S = 0.081



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\24050\24050 proposed.aqt

Date: 10/14/24

Time: 11:24:42

PROJECT INFORMATION

Test Well: 24050

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
28620	-53310	325772

Observation Wells

Well Name	X (ft)	Y (ft)
□	-53310	325772
□ 22577 ID9	-58027	327486
□ 22577 ID7	-56025	328301
□ 22577 ID5	-55863	325497
□ 28621 ID3	-50915	328335
□ 30157	-55949	322941
□ 25420 ID7	-53353	323107
□ 20890	-54335	320731
□ 25420 ID5	-50809	323062
□ Domestic	-49004	326406

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.415E+4 ft<sup>2</sup>/day

S = 0.081

Kz/Kr = 1.

b = 153.9 ft