

11216 ID6: Drawdown from current location = 0.13 ft
Drawdown from proposed location = 2.77 ft
Net drawdown: **2.6 ft**

30734: Drawdown from current location = 0.12 ft
Drawdown from proposed location = 2.12 ft
Net drawdown = **2.0 ft**

7255: Drawdown from current location = 0.10 ft
Drawdown from proposed location = 2.86 ft
Net drawdown = **2.8 ft**

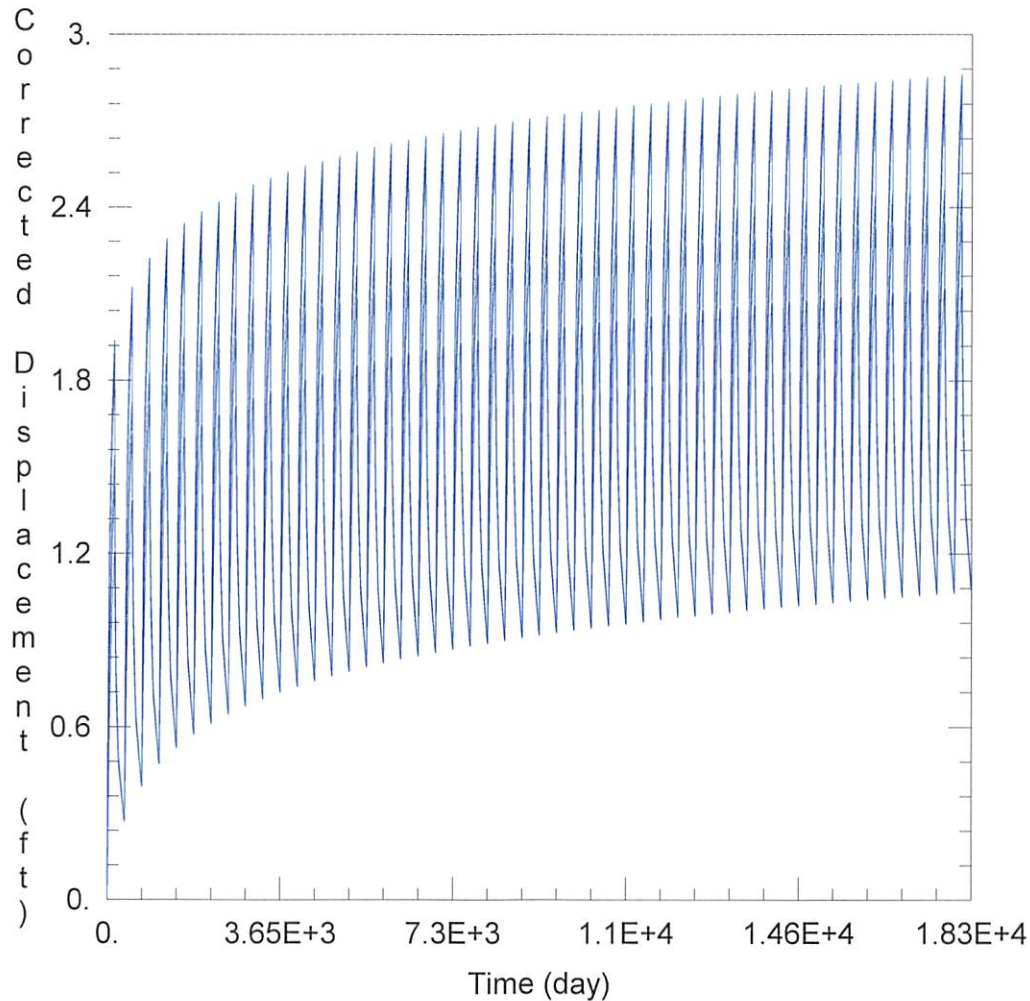
5237 ID4: Drawdown from current location = 0.08 ft
Drawdown from proposed location = 2.46 ft
Net drawdown = **2.4 ft**

5237 ID2: Drawdown from current location = 0.08 ft
Drawdown from proposed location = 2.45 ft
Net drawdown = **2.4 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\21444\21444 propsed.aqt

Date: 10/10/24

Time: 15:00:29

PROJECT INFORMATION

Test Well: 21444

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
21444	-52343	258466

Observation Wells

Well Name	X (ft)	Y (ft)
□	-52343	258466
□ 11216 ID3 & 19925	-54987	258561
□ 5135	-55584	260940
□ 11216 ID6	-52779	261222
□ 30734	-48056	261188
□ 7255	-50789	256423
□ 5237 ID4	-52473	254776
□ 5237 ID2	-52473	254746

SOLUTION

Aquifer Model: Unconfined

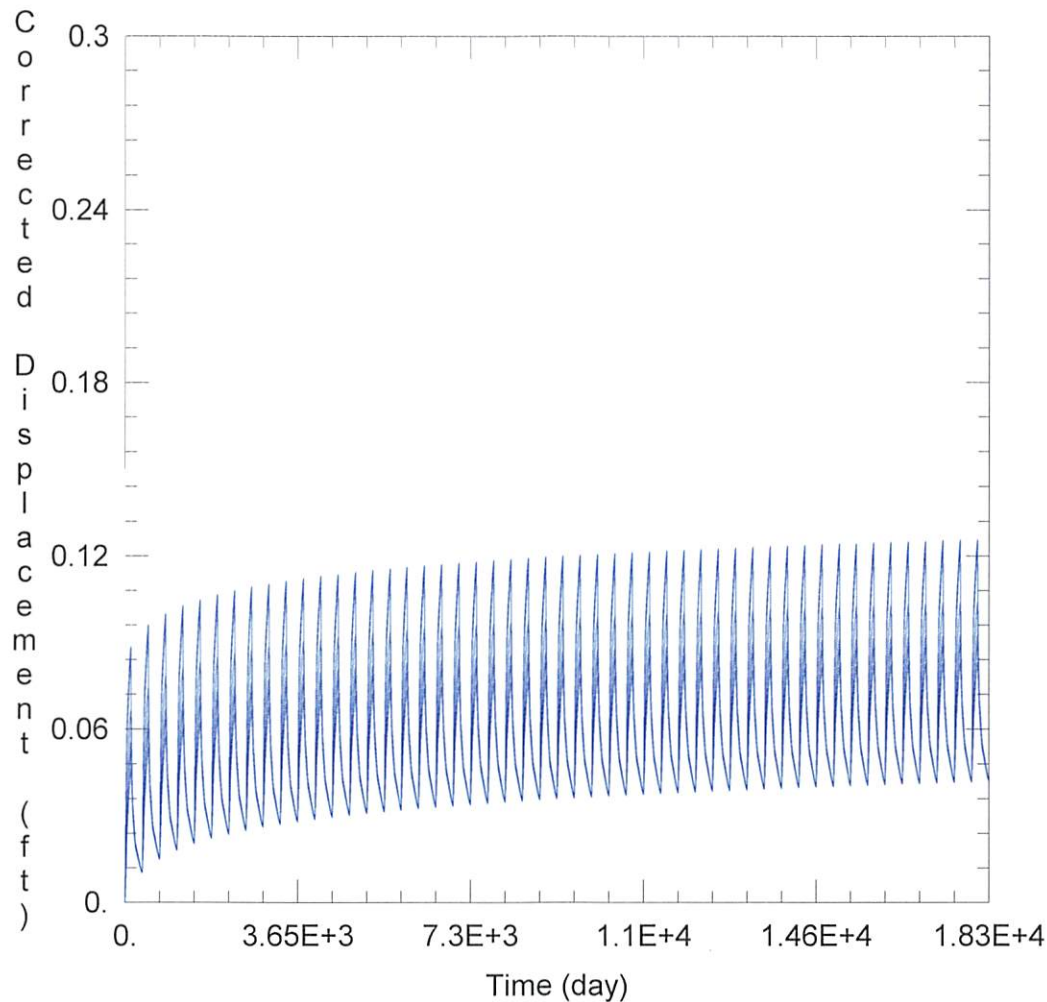
Solution Method: Theis

T = 2.757E+4 ft²/day

S = 0.043

Kz/Kr = 1.

b = 175.8 ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\21444\21444 current.aqt

Date: 10/10/24

Time: 15:00:24

PROJECT INFORMATION

Test Well: 21444

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
21444	-50521	260213

Observation Wells

Well Name	X (ft)	Y (ft)
□	-50521	260213
□ 11216 ID3 & 19925	-54987	258561
□ 5135	-55584	260940
□ 11216 ID6	-52779	261222
□ 30734	-48056	261188
□ 7255	-50789	256423
□ 5237 ID4	-52473	254776
□ 5237 ID2	-52473	254746

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 2.757E+4 ft²/day

S = 0.043

Kz/Kr = 1.

b = 175.8 ft