

21764 ID9: Drawdown from current location = 0.47 ft
Drawdown from proposed location = 0.56 ft
Net drawdown = **0.1 ft**

23454: Drawdown from current location = 0.31 ft
Drawdown from proposed location = 0.56 ft
Net drawdown = **0.3 ft**

22559 ID2: Drawdown from current location = 0.24 ft
Drawdown from proposed location = 0.50 ft
Net drawdown = **0.3 ft**

22559 ID6: Drawdown from current location = 0.32 ft
Drawdown from proposed location = 0.84 ft
Net drawdown = **0.5 ft**

22373 ID7: Drawdown from current location = 0.29 ft
Drawdown from proposed location = 0.60 ft
Net drawdown = **0.3 ft**

22373 ID9: Drawdown from current location = 0.28 ft
Drawdown from proposed location = 0.74 ft
Net drawdown = **0.5 ft**

22633: Drawdown from current location = 0.25 ft
Drawdown from proposed location = 0.54 ft
Net drawdown = **0.3 ft**

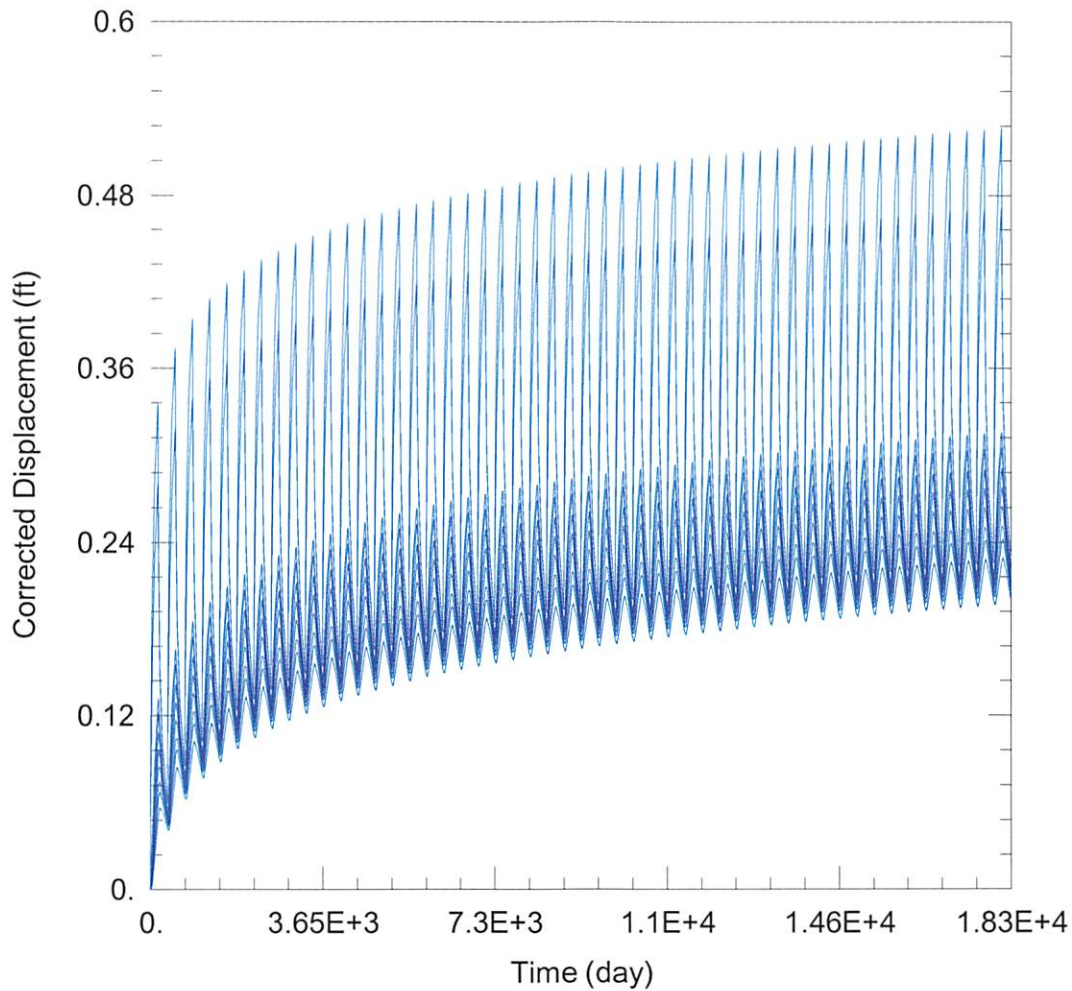
22558: Drawdown from current location = 0.23 ft
Drawdown from proposed location = 0.48 ft
Net drawdown = **0.3 ft**

22374: Drawdown from current location = 0.27 ft
Drawdown from proposed location = 0.68 ft
Net drawdown = **0.4 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\trevora\Documents\2022_moves\21764\21764 Current.aqt

Date: 04/20/22

Time: 15:39:48

PROJECT INFORMATION

Company: GMD 3

Project: 21764 DA & 21764 DB

Location: Kearny County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
21764 ID8	-101288	360529

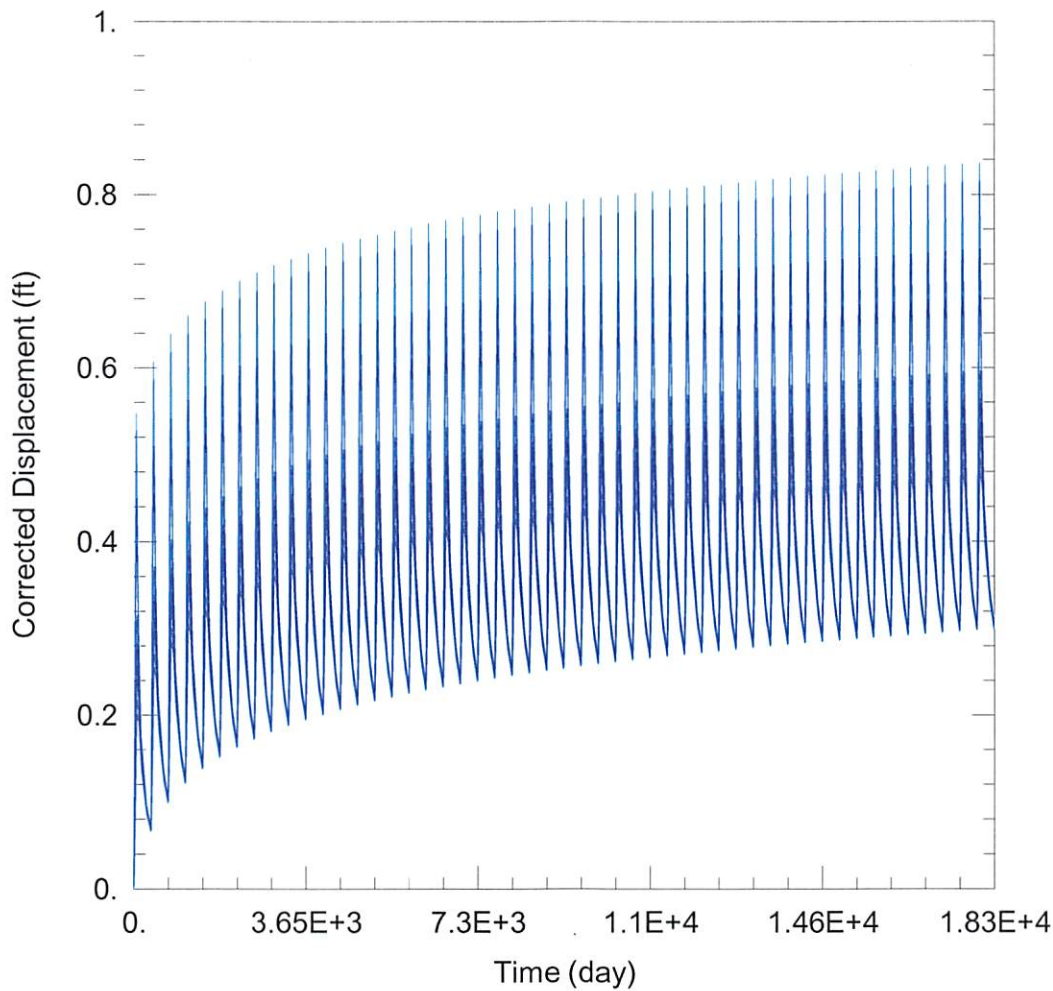
Observation Wells

Well Name	X (ft)	Y (ft)
□	-101288	360529
□ 21764 ID6	-102301	361534
□ 21764 ID9	-100552	362271
□ 23454	-96838	361842
□ 22559 ID2	-94422	359361
□ 22559 ID6	-97019	359763
□ 22373 ID7	-101279	355453
□ 22373 ID9	-98755	355649
□ 22633	-99692	354212
□ 22558	-97560	353789
□ 22374	-96073	357648

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\21764\21764 Proposed.aqt

Date: 04/20/22

Time: 15:39:42

PROJECT INFORMATION

Company: GMD 3

Project: 21764 DA & 21764 DB

Location: Kearny County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
21764 ID8	-99064	358467

Observation Wells

Well Name	X (ft)	Y (ft)
□	-99064	358467
□ 21764 ID6	-102301	361534
□ 21764 ID9	-100552	362271
□ 23454	-96838	361842
□ 22559 ID2	-94422	359361
□ 22559 ID6	-97019	359763
□ 22373 ID7	-101279	355453
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