



3353: Drawdown from current location = 0.53 ft  
Drawdown from proposed location = 1.19 ft  
**Net drawdown = 0.7**

17132: Drawdown from current location = 0.57 ft  
Drawdown from proposed location = 1.43 ft  
**Net drawdown = 0.9**

9440: Drawdown from current location = 0.70 ft  
Drawdown from proposed location = 1.10 ft  
**Net drawdown = 0.4**

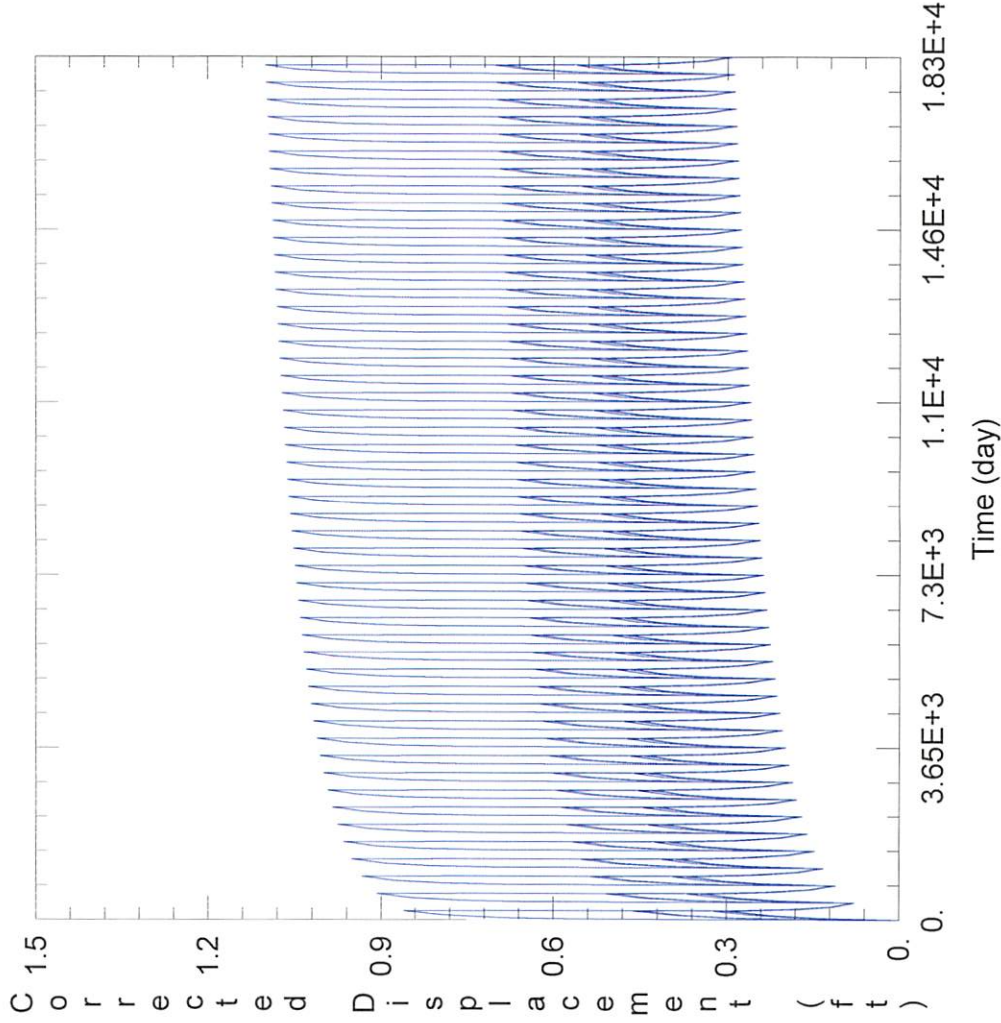
Domestic 1: Drawdown from current location = 1.10 ft  
Drawdown from proposed location = 1.60 ft  
**Net drawdown = 0.5 ft**

Domestic 2: Drawdown from current location = 0.6 ft  
Drawdown from proposed location = 1.44 ft  
**Net drawdown = 0.9 ft**

Net drawdown does not exceed the drawdown allowance of 3.0 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\16776\16776 current.aqt  
 Date: 11/27/24 Time: 10:09:11

PROJECT INFORMATION

Test Well: 16776

WELL DATA

Pumping Wells		Observation Wells			
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
16776	-231891	222180	<input type="checkbox"/> 28302	-231891	222180
			<input type="checkbox"/> 8846	-233203	224871
			<input type="checkbox"/> 3353	-228947	227118
			<input type="checkbox"/> 17132	-226580	225026
			<input type="checkbox"/> 9440	-226704	221295
			<input type="checkbox"/> Domestic 1	-233218	219730
			<input type="checkbox"/> Domestic 2	-231592	222566
			<input type="checkbox"/>	-226819	221146

SOLUTION

Aquifer Model: Unconfined

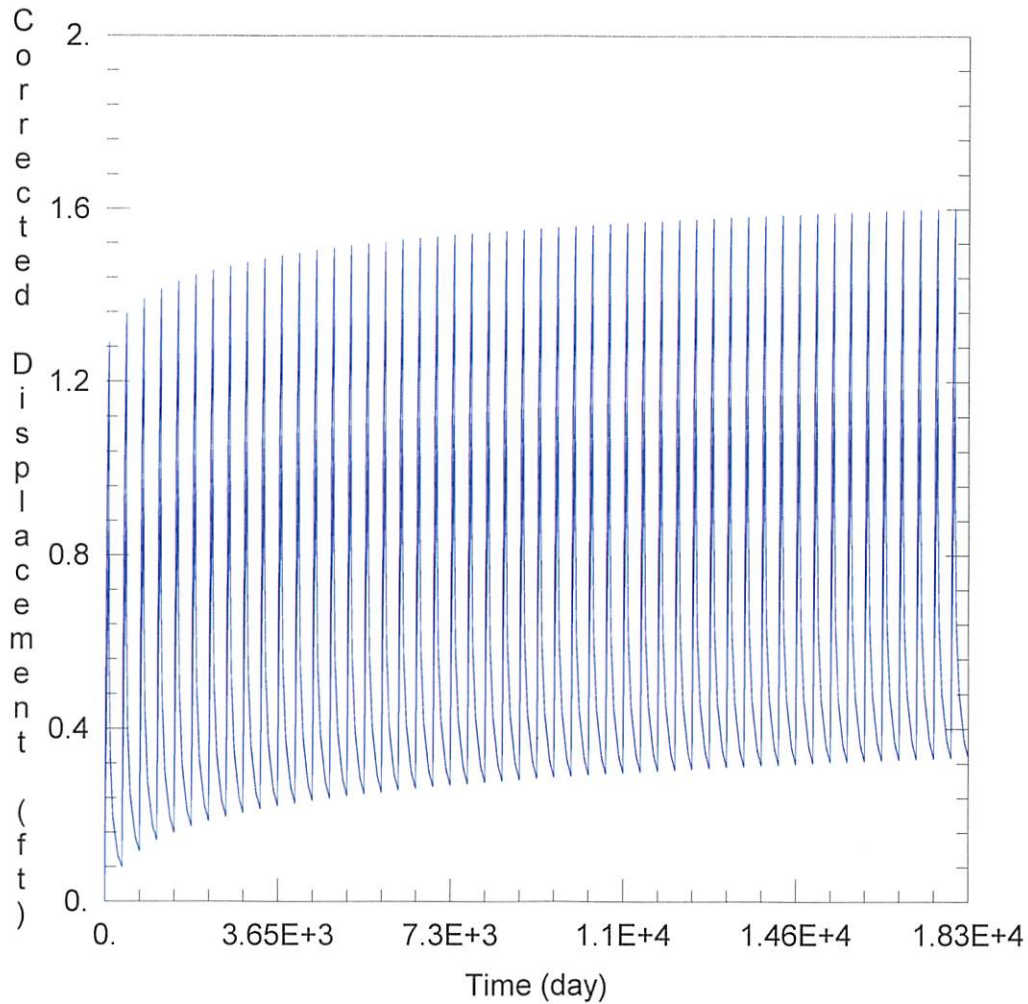
Solution Method: Theis

T = 8.411E+4 ft<sup>2</sup>/day

S = 0.081

Kz/Kr = 1.

b = 131.5 ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\16776\16776 proposed.aqt  
 Date: 11/27/24 Time: 10:09:16

PROJECT INFORMATION

Test Well: 16776

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
16776	-229401	222192

Observation Wells

Well Name	X (ft)	Y (ft)
□	-229401	222192
□ 28302	-233203	224871
□ 8846	-228947	227118
□ 3353	-226580	225026
□ 17132	-226704	221295
□ 9440	-233218	219730
□ Domestic 1	-231592	222566
□ Domestic 2	-226819	221146

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 8.411E+4 ft<sup>2</sup>/day

S = 0.081

Kz/Kr = 1.

b = 131.5 ft