



35693: Drawdown from current location = 0.65 ft  
Drawdown from proposed location = 2.32 ft  
Net drawdown = **1.7 ft**

35691 & 44641 & 45303: Drawdown from current location = 0.63 ft  
Drawdown from proposed location = 1.86 ft  
Net drawdown = **1.2 ft**

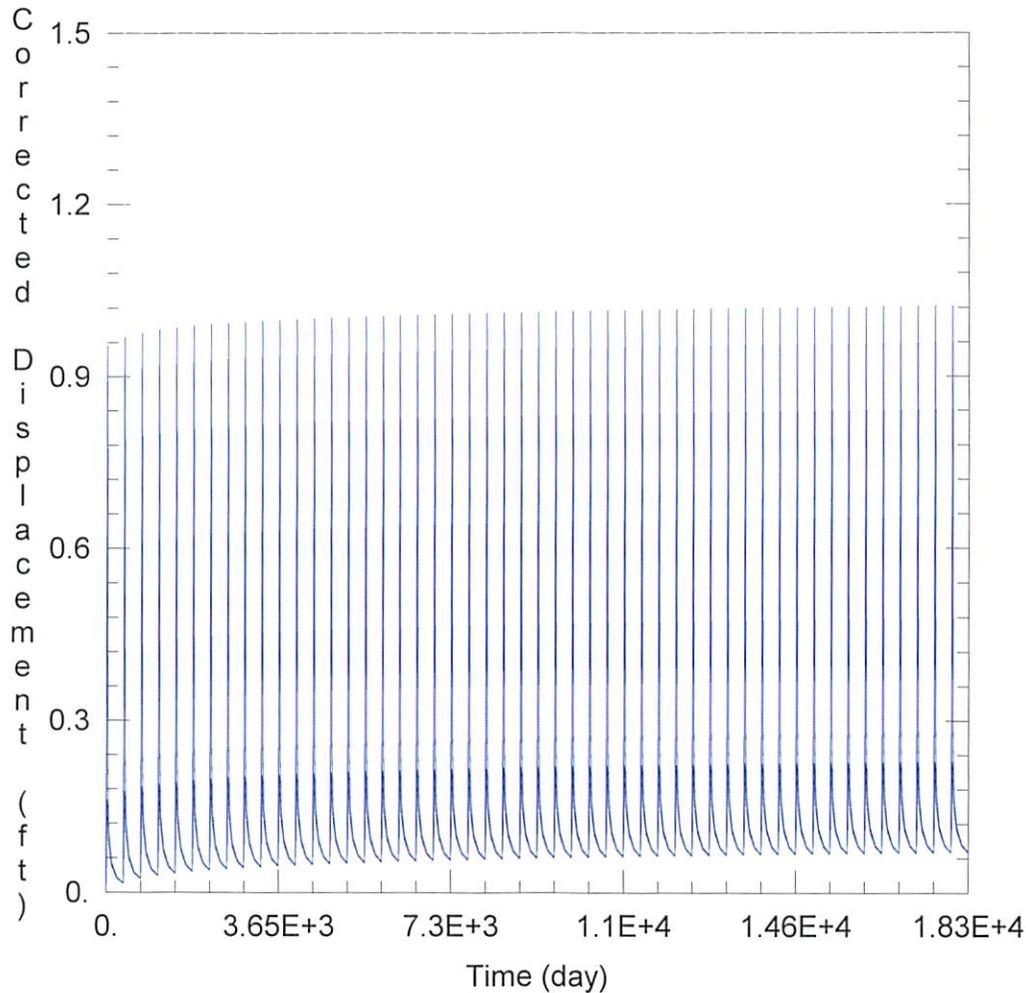
Domestic S3-34-40: Drawdown from current location = 0.23 ft  
Drawdown from proposed location = 1.66 ft  
Net drawdown = **1.4 ft**

Domestic S11-34-40: Drawdown from current location = 0.20 ft  
Drawdown from proposed location = 1.39 ft  
Net drawdown = **1.2 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\38651\38651 current.aqt

Date: 03/31/25

Time: 14:12:06

### PROJECT INFORMATION

Test Well: 38651

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
MT1 & 38651	-242434	90154

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-242434	90154
□ 39382 & 43040	-246404	92855
□ 35692	-242224	90818
□ 35693	-243086	88696
□ 35691 & 44641 & 45303	-242040	88505
□ Domestic 3-34-40	-247206	89959
□ Domestic 11-34-40	-244271	84977

### SOLUTION

Aquifer Model: Unconfined

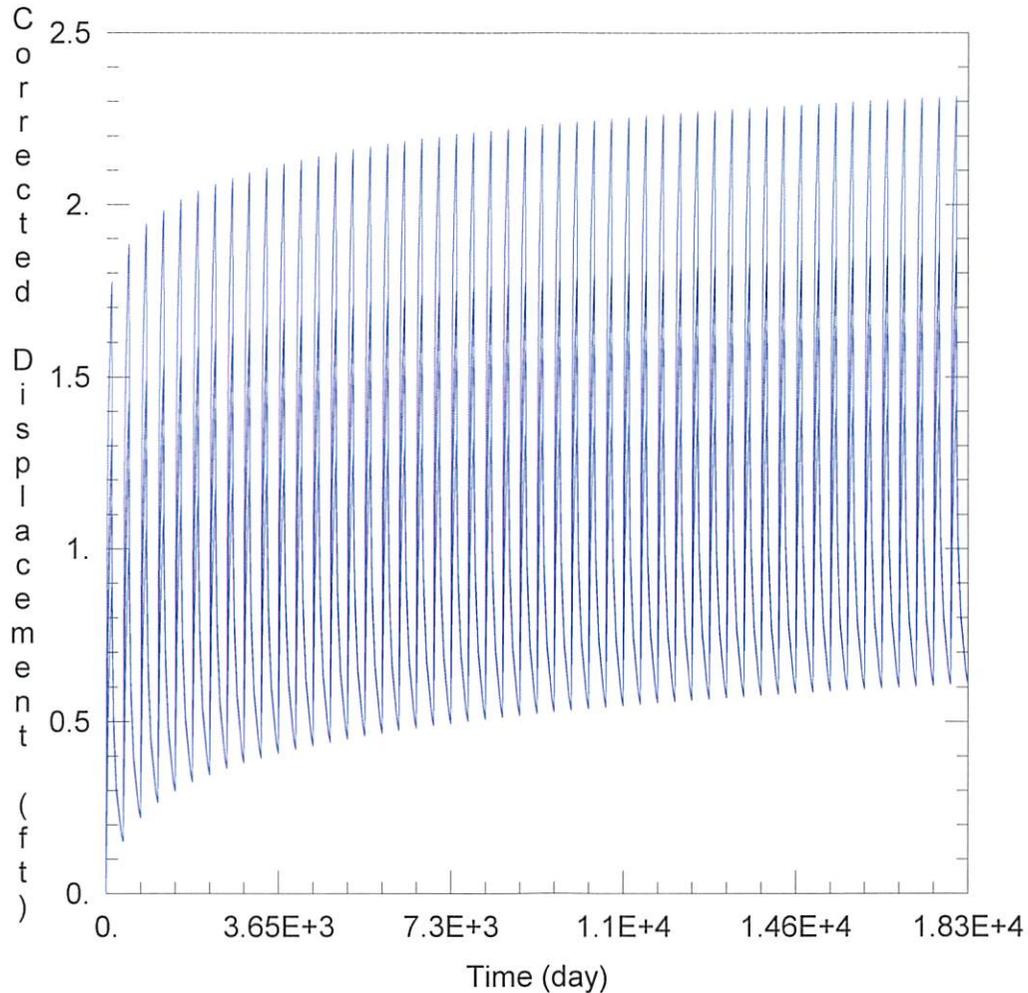
Solution Method: Theis

T = 1.21E+4 ft<sup>2</sup>/day

S = 0.021

Kz/Kr = 1.

b = 259.3 ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\38651\38651 proposed.aqt  
 Date: 03/31/25 Time: 14:12:11

PROJECT INFORMATION

Test Well: 38651

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MT1 & 38651	-244243	89318

Observation Wells

Well Name	X (ft)	Y (ft)
□	-244243	89318
□ 39382 & 43040	-246404	92855
□ 35692	-242224	90818
□ 35693	-243086	88696
□ 35691 & 44641 & 45303	-242040	88505
□ Domestic 3-34-40	-247206	89959
□ Domestic 11-34-40	-244271	84977

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.21E+4 ft<sup>2</sup>/day  
 Kz/Kr = 1.

S = 0.021  
 b = 259.3 ft