



38933: Drawdown from current location = 0.35 ft  
Drawdown from proposed location = 0.84 ft  
Net drawdown = **0.5 ft**

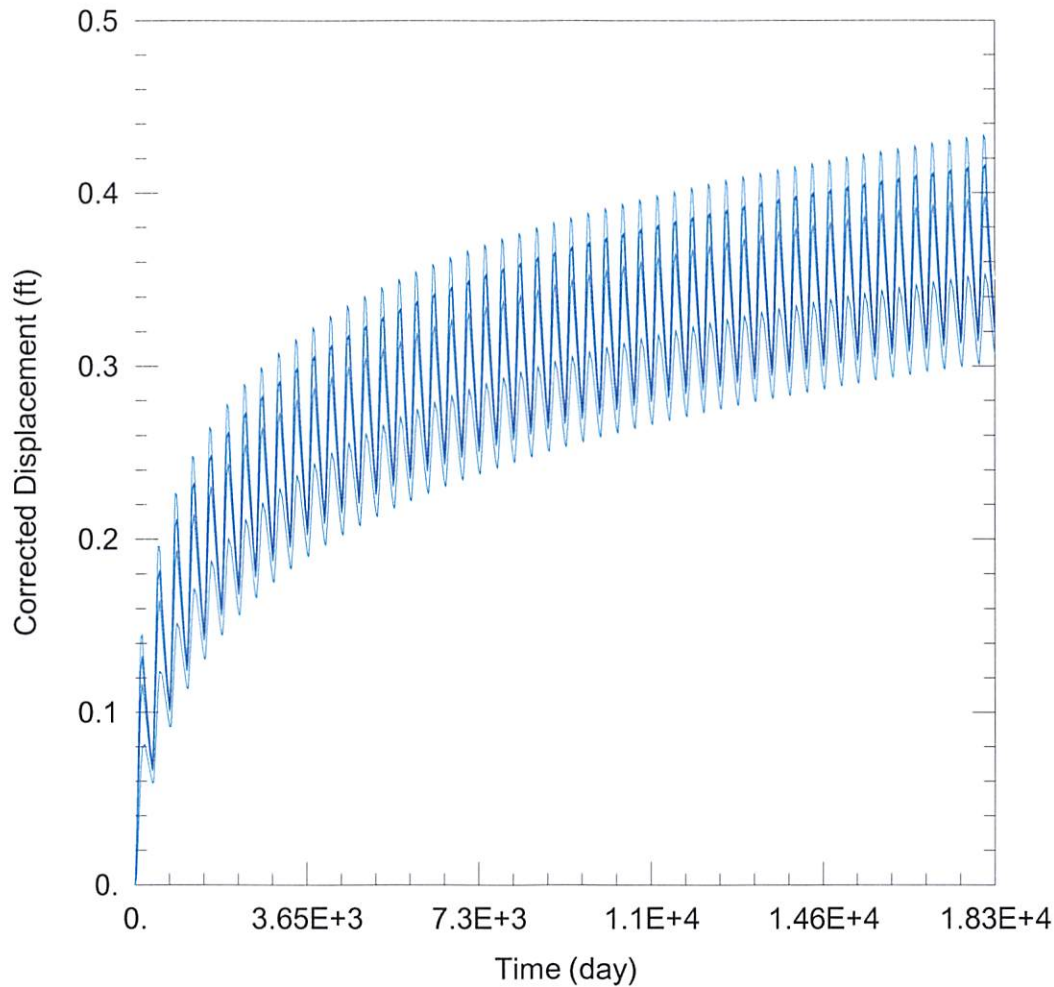
43585: Drawdown from current location = 0.43 ft  
Drawdown from proposed location = 0.71 ft  
Net drawdown = **0.3 ft**

Domestic 32-34-38: Drawdown from current location = 0.40 ft  
Drawdown from proposed location = 0.71 ft  
Net drawdown = **0.3 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 is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\24944\24944 Current.aqt

Date: 02/02/22

Time: 15:18:13

PROJECT INFORMATION

Company: GMD 3

Project: 24944

Location: Stevens County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
24944	-192995	59143

Observation Wells

Well Name	X (ft)	Y (ft)
□	-192995	59143
□ 39896	-196923	60817
□ 22927 & 25878	-194250	63237
□ 38933	-189035	63070
□ 43585	-196884	58181
□ Domestic 32-34-38	-197288	60853

SOLUTION

Aquifer Model: Unconfined

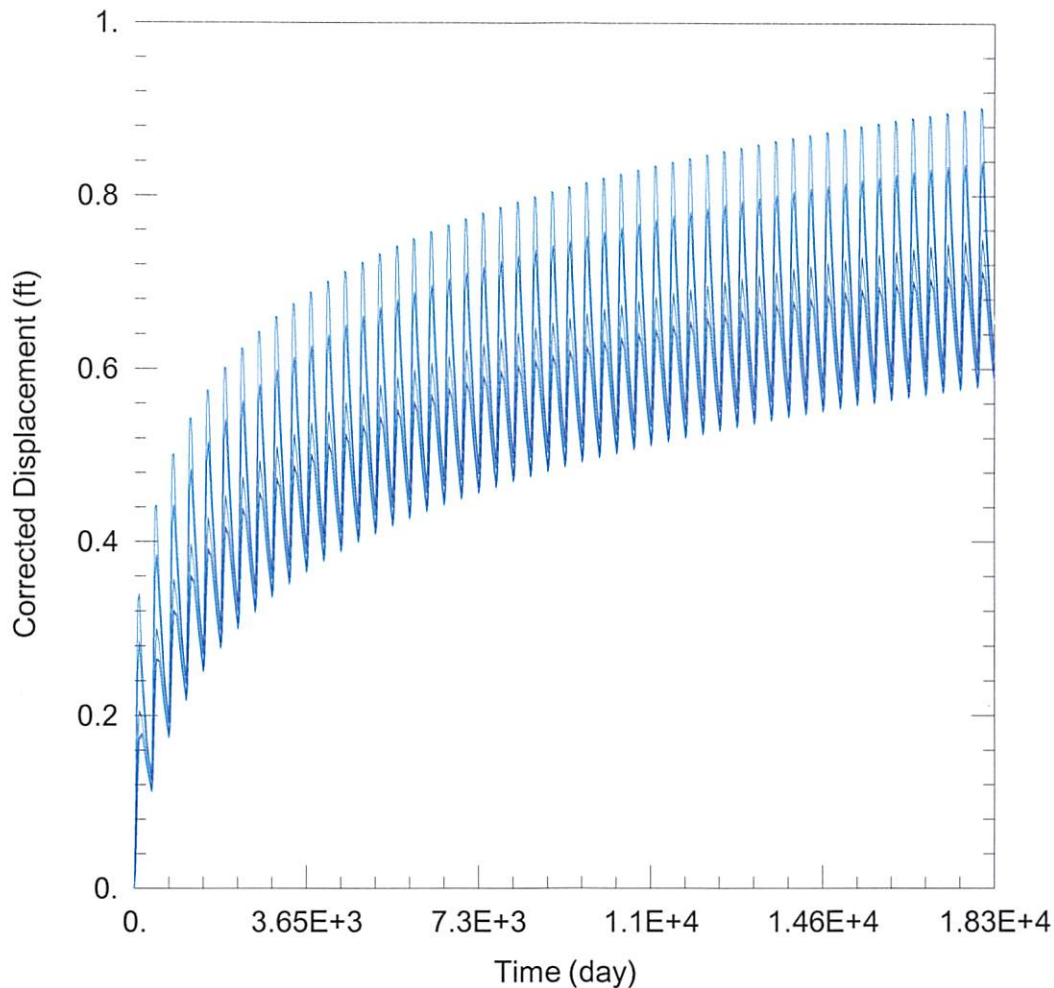
Solution Method: Theis

T = 1.769E+4 ft<sup>2</sup>/day

S = 0.256

Kz/Kr = 1.

b = 193. ft



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\24944\24944 Proposed.aqt

Date: 02/02/22

Time: 15:18:06

### PROJECT INFORMATION

Company: GMD 3

Project: 24944

Location: Stevens County

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
24944	-192071	60233

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-192071	60233
□ 39896	-196923	60817
□ 22927 & 25878	-194250	63237
□ 38933	-189035	63070
□ 43585	-196884	58181
□ Domestic 32-34-38	-197288	60853

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.769E+4 ft<sup>2</sup>/day

S = 0.256

Kz/Kr = 1.

b = 193. ft