

400 ft north and 2530 ft west of the
under water right nos. 18317 ID3 and
gpm. The proposed change does not
the 15 AF exemption.



& 21073, a domestic well in section
ction 19-27-29, a domestic well in

to be 47 ft, based on the driller's log
less than 50 ft, the drawdown

analysis:

on average use and assumed 120

te), $Q_{\text{current}} = 603 \text{ gpm}$ (based on

Theis drawdowns were calculated as follows:

27166:	Drawdown from current location = 1.45 ft Drawdown from proposed location = 1.99 ft Net drawdown = 0.5 ft
21051:	Drawdown from current location = 1.36 ft Drawdown from proposed location = 1.95 ft Net drawdown = 0.6 ft
18317 ID2:	Drawdown from current location = 2.44 ft Drawdown from proposed location = 3.09 ft Net drawdown = 0.6 ft
22605:	Drawdown from current location = 1.98 ft Drawdown from proposed location = 2.11 ft Net drawdown = 0.1 ft
25196:	Drawdown from current location = 1.67 ft Drawdown from proposed location = 2.13 ft Net drawdown = 0.5 ft
13575 & 21073:	Drawdown from current location = 1.90 ft Drawdown from proposed location = 2.15 ft Net drawdown = 0.3 ft
Domestic 13-27-30:	Drawdown from current location = 1.47 ft Drawdown from proposed location = 2.10 ft Net drawdown = 0.6 ft
Domestic 24-27-30:	Drawdown from current location = 2.44 ft Drawdown from proposed location = 2.41 ft Net drawdown = 0.0 ft
Domestic 19-27-29:	Drawdown from current location = 2.15 ft Drawdown from proposed location = 2.23 ft Net drawdown = 0.1 ft

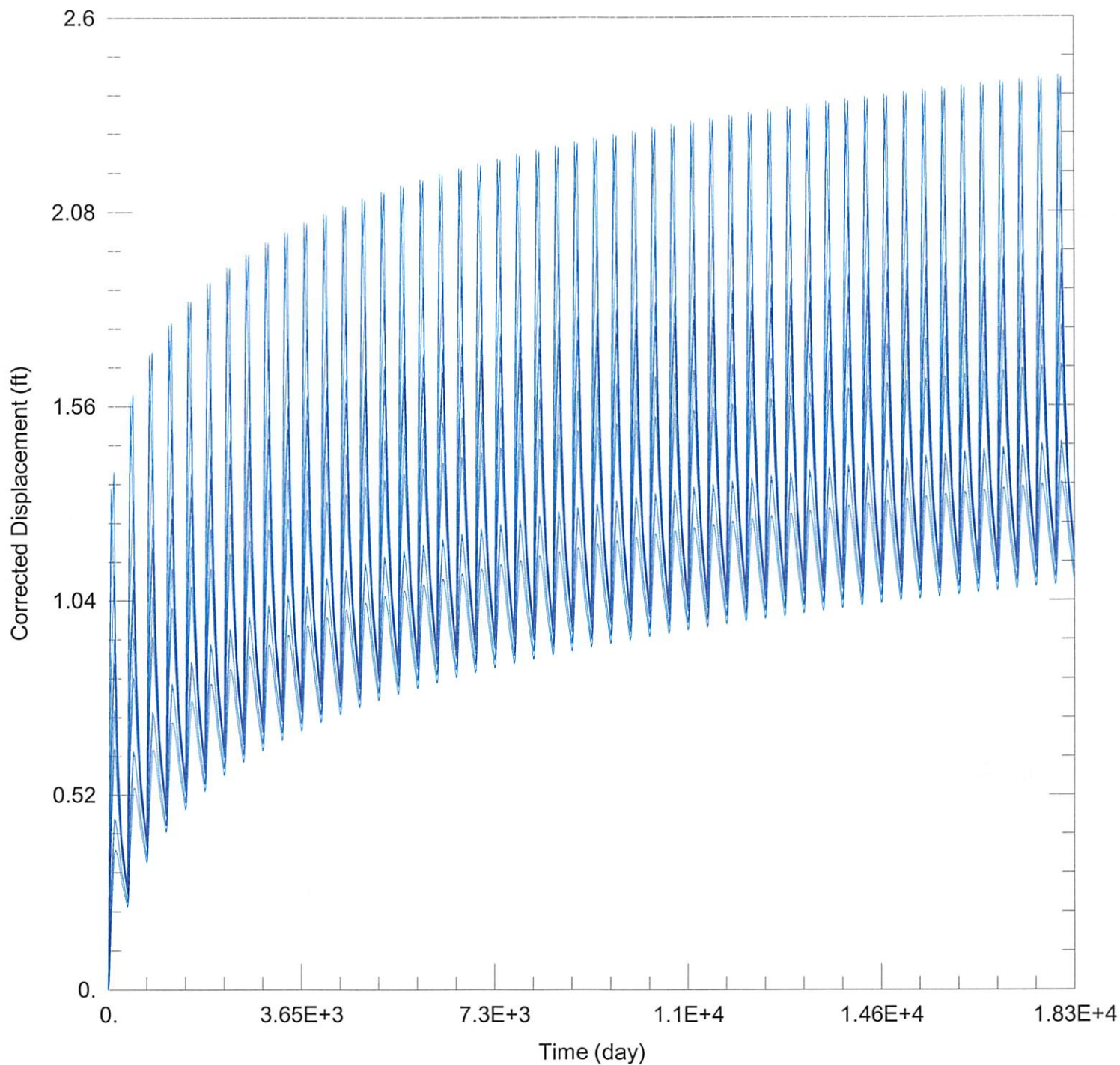
Domestic 25-27-30: Drawdown from current location = 1.91 ft
 Drawdown from proposed location = 2.10 ft
 Net drawdown = **0.2 ft**

Domestic 30-27-29: Drawdown from current location = 1.78 ft
 Drawdown from proposed location = 1.99 ft
 Net drawdown = **0.2 ft**

Net drawdown does not exceed the drawdown allowance of 1.0 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\2023_moves\18317\18317 Current.aqt

Date: 04/03/23

Time: 16:41:31

PROJECT INFORMATION

Company: GMD 3

Project: 18317

Location: Gray County

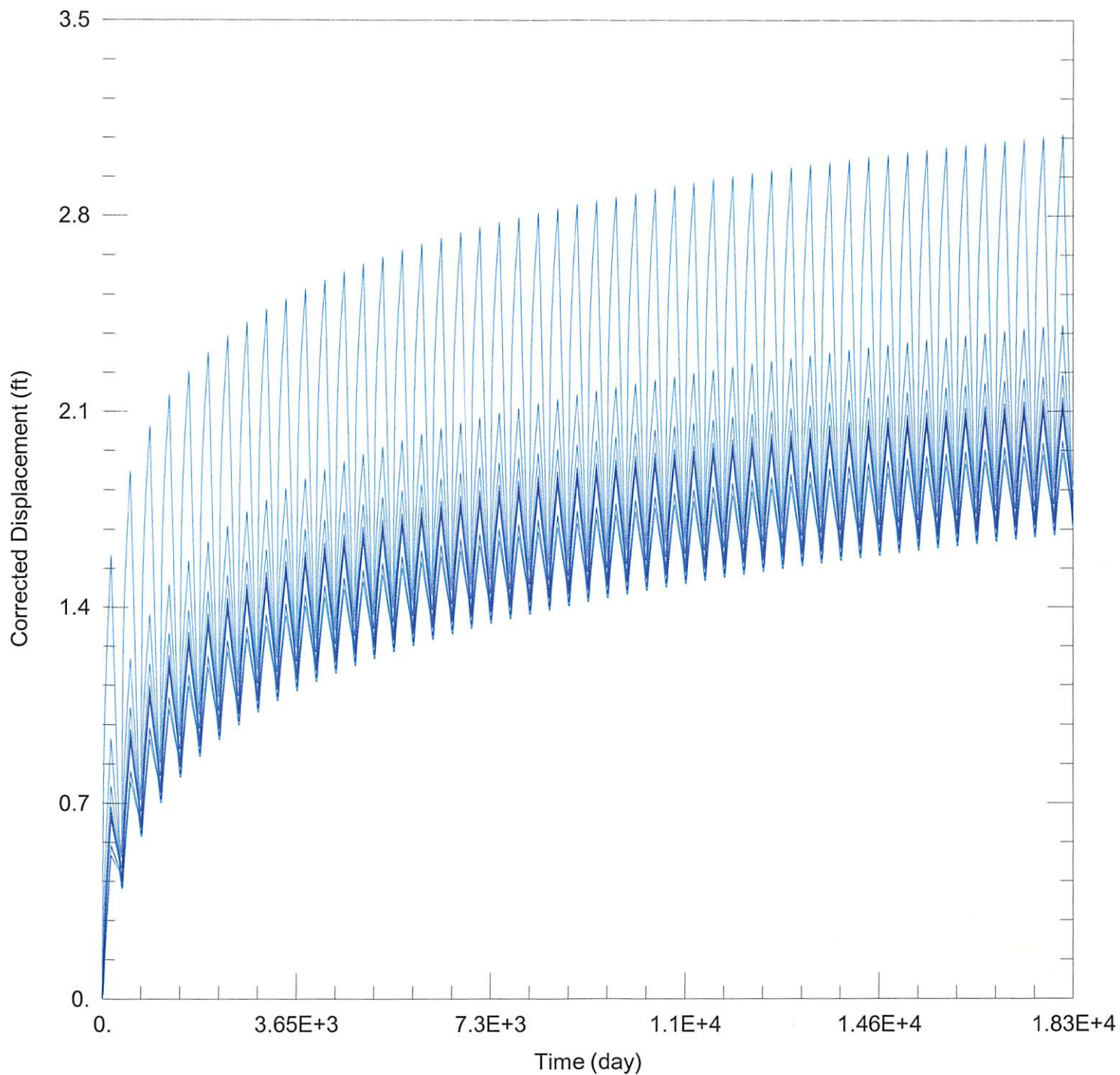
WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
18317 ID3	72912	294126

Well Name	X (ft)	Y (ft)
□	72912	294126



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2023_moves\18317\18317 Proposed.aqt

Date: 04/03/23

Time: 16:41:22

PROJECT INFORMATION

Company: GMD 3

Project: 18317

Location: Gray County

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
<u>15 AF</u>	<u>71671</u>	<u>293164</u>

Well Name	X (ft)	Y (ft)
<u>□</u>	<u>71671</u>	<u>293164</u>