

Via: Electronic Mail

June 7, 2024

Attn: Ms. Greta White
Project Manager, Remedial Bureau C
Division of Environmental Remediation
New York State Department of Environmental Conservation (NYSDEC)
625 Broadway
Albany, NY 12233-7014

**Re: NYSDEC Site No. 360174; BCP C361074
May – June 2024 Monthly Progress Report
Westchester County Airport
240 Airport Road
Harrison, New York 10604**

Dear Ms. White:

Actions Taken/Accomplishments (May to June 2024)

A schedule of completed and projected activities is included as Appendix A.

1. Construction activities included completion of the watermain pipeline installation to the Tower Road backflow preventer building, including thrust block installation and backfilling. Triumph also continued cleanup activities around the Airport Road backflow preventer building and Airport Road meter vault area. Both areas have been graded and hydroseeded. Subcontracted construction of the exterior and interior components of the backflow preventer buildings is still in progress. This includes, but is not limited to, electrical work, lighting, plumbing, and roof/door installation. The photo log presented in Appendix B illustrates construction progress through the end of May.
2. First Environment was on site to conduct air monitoring for particulate matter and volatile organic compounds (VOCs) during intrusive activities as described in the Community Air Monitoring Program (CAMP) plan. Air monitoring occurred on May 1, 3, 6, 7, 8, 9, 14, and 28, associated with soil excavation, grading, soil screening, and soil disposal loadout. No elevated levels of particulates or VOCs were identified during the month of May. Air monitoring results are included in Appendix C.
3. Once approved by the New York State Department of Environmental Conservation (NYSDEC), on May 28, Triumph began loading out excavated soil for transport to Grillo Services, LLC located in Milford, Connecticut. Approximately 64 cubic yards of soil were removed on May 28. First Environment was on site to provide perimeter air monitoring services per CAMP requirements during soil loadout. The remaining soil is scheduled for removal and disposal in mid-June.
4. Westchester County Department of Public Works and Transportation (WCDPWT) is coordinating with Laura Li Industries to seal storm sewer locations where groundwater was identified leaking into the storm sewer system. The purpose of the sealing is to eliminate per-and polyfluoroalkyl substances (PFAS) containing

groundwater from entering the storm sewer system at locations where leaking was identified. Laura Li Industries proposal to WCDPTW was approved by the County on May 8. The Chimney seal material is scheduled to arrive in June. Once the material arrives Laura Li will schedule storm sewer sealing activities.

5. First Environment continues to measure water level elevations at monitoring well and piezometer locations along the waterline installation and tributaries leading to the Rye Lake. Environmental data collection tables, location map and hydrographs are included in Appendix C.
6. First Environment began implementation of the Remedial Investigation Workplan (RIWP). Access agreements have been sent to private owners and government entities. Access agreements for two of the four possible offsite property owners have been secured for a total of 3 locations located at 10 New King Street LLC and within the boundary of the New York City Department Environmental Protection property (NYCDEP). One private entity (4340 Purchase Street) has been provided with the agreement. The New York State Department of Transportation (NYSDOT) has received the agreement for access to two locations along I-684. These two entities represent 3 locations. First Environment anticipates the NYSDOT will grant access in the next few weeks.
7. On May 14, 15, and 16, First Environment was on site with American Geophysics to clear underground utilities at the proposed RIWP sampling locations. Some sampling locations were originally marked directly over utilities and needed to be moved a minimal distance.

June to July Planned Activities

1. First Environment will continue RIWP activities during the month of June by obtaining final access agreements and commencing drilling operations.
2. First Environment intends to begin installation of the monitoring well couplets and other bedrock wells on July 8. The drilling is planned to initiate with the on-site bedrock and deep overburden wells. Once those installations are completed, First Environment intends to move off site to the north and complete the well couplets in order from north to south. Once the well couplets are completed, the remaining on-site drilling program will begin. RIWP activities will be summarized in future monthly progress reports.
3. Planned construction activity for June includes continuation of cleanup activity around the Airport Road and Tower Road backflow preventer buildings, as well as the Airport Road RPZ meter vault area. Subcontracted work will continue related to installation of building features for the backflow preventer buildings, such as lighting and roofing. Triumph will continue disposal of approximately 240 cubic yards of soil remaining on site. When soil disposal occurs, First Environment will be on site to provide air monitoring of particulate matter and VOCs as described in the CAMP.
4. Laura Li Industries is expected to schedule storm sewer sealing activities in mid-June.

Ms. Greta White
NYSDEC

5. Evaluation of PFAS foam fractionation process (<https://www.ect2.com/solutions-pfas/foam-fractionation/>) as well as the RemBind passive technology <https://rembind.com/products/water/> for PFAS removal in surface water, including further evaluation of the ion exchange and activated carbon treatment of surface water.
6. Continue to submit monthly progress reports in an American Disabilities Act (ADA) format to Westchester County.

If you have any questions, please do not hesitate to call.

Regards,

FIRST ENVIRONMENT, INC.



Scott R. Green, P.G.
Director, Insurance Consulting Service Group



David Luer
Project Manager/Field Team Leader

[Appendices](#)

[Appendix A – Work Activity Schedule 2022-2024](#)

[Appendix B – Backflow Preventer Building Photo Log](#)

[Appendix C – Flow Data Collection Table / CAMP Air Monitoring Data / Hydrographs](#)

Cc: B. Tod Delaney, Ph.D., P.E., BCEE - First Environment, Inc.
Arthur Clarke, J.D. - First Environment, Inc.
Hugh Greechan, Jr. P.E. - Westchester County Public Works & Transportation
John Nonna - Westchester County Attorney
April Gasparri – Westchester County Executive Director of Aviation
Francisco Tejada – Airport Manager
John Inserra - Westchester County Airport Environmental
Loren Zeitler - Westchester County
John Benvegna - WSP
K. Thompson - NYSDEC
M. Murphy - NYSDEC
D. Bendell/D. Pollock - NYSDEC
M. Doroski – NYSDOH
K. Kulow – NYSDOH

Appendix A – Work Activity Schedule 2022-2024

**Appendix A
 Work Activity Schedule
 2022-2024**

Milestone	Estimated Completion Date	Estimated Completion Percentage
OF-7 Storm Sewer Installation	May 2022	100%
OF-7 Performance Monitoring	3 rd Quarter 2023	100%
OF-7 Pilot Test Treatment System	October 2023	100%
New King Street Workplan – Phase 1	January 2022	100%
New King Street Workplan – Phase 2	April 2022	100%
Waterline Workplan	April 2022	100%
Waterline Trench & Installation	November 2023	100%
OF-4 IRM Pilot Test ¹	Summer 2024	55%
Remedial Investigation Workplan Submittal	July 2022	100%
GW Pilot Test Scope of Work	Summer 2022	100%
GW Pilot Test	Winter 2022	100%
GW Pilot Test Performance Monitoring	Winter 2023	100%
Execution of RI workplan ²	Spring/Summer 2024	5%
Remedial Investigation Report	Winter 2024	0%
Remedial Action Alternatives Evaluation	2025	0%
Interim Site Management Plan	Spring-Summer 2024	20%
Remedial Action Selection Report	TBD	0%
Remedial Action Workplan	TBD	0%
Certificate of Completion	TBD	0%

Estimated task durations and completions are tentative and are subject to modification based on site work, progress, weather delays, and other considerations such as contractor availability or Airport access.

¹ Assessing pilot test technology applicability..

² Start date dependent upon workplan approval.

Appendix B – Backflow Preventer Building Photo Log

**Appendix B
Backflow Preventer Building Photo Log
Westchester County Airport**



Photo 1 – Taken 6/4/24.

The photo shows the construction progress of the roof and other components for the Tower Road backflow preventer building, as well as some of the surrounding area.

Backflow Preventer Building Photo Log
Westchester County Airport



Photo 2 – Taken 6/4/24.

The photo shows the construction progress of the roof and other components for the Airport Road backflow preventer building, as well as the surrounding area which has been graded and had topsoil applied. Note the temporary fencing has also been removed.



Photo 3 - Taken 5/28/24.

The photo shows the area where the GWTT system operated. The area has been graded and hydroseeded since demobilization. Within the pictured totes is the water and sediment left over after power washing the frac tanks.

Appendix C – Flow Data Collection Table / CAMP Air Monitoring Data / Hydrographs

Appendix C
 Table 1 - Flow Data Collection Table
 Westchester County Airport

Date	Trib 1 (gpm)	Trib 2 (gpm)	OF-7 (gpm)	E-10 (gpm)	E-10 Stream Gauge	Rain Gauge 1 (in)
4/8/2024	0.25	10-15	~	150-175*	0.52	3.3***
4/29/2024	0.25	6-8	~	99.03	0.45	2.0***
4/30/2024	0.25	4-6	~	80.44	0.43	0.00
5/3/2024	0.00	3-5	~	57.22	0.40	0.00
5/6/2024	0.50	6-10	6-8*	140-150*	0.48	0.50
5/7/2024	0.00	4-6	~	77.54	0.42	0.00
5/8/2024	1.00	8-12	~	175-250*	0.52	0.00
5/9/2024	0.00	3-5	5-7*	65.15	0.40	0.25

*Indicates an estimate when a measurement cannot be taken; ***Not checked since previous entry

Appendix C
 Table 2 - GWTT Totalizer Data
 Westchester County Airport

Date/Time	GWTT Totalizer Reading	Total Gallons Discharged (gal)
10/11/23 9:00	18886	0
10/18/23 12:40	23870	4984
10/18/23 14:20	24988	6102
10/19/23 15:20	30180	11294
10/20/23 14:50	30180	11294
10/23/23 14:35	32096	13210
10/24/23 13:58	35884	16998
10/25/23 13:50	40550	21664
10/26/23 15:00	48928	30042
10/27/23 10:53	48928	30042
10/30/23 12:27	52745	33859
10/31/23 10:35	57271	38385
11/2/23 12:15	57271	38385
11/6/23 13:10	57271	38385
11/10/23 14:00	61336	42450
11/14/23 10:30	61337	42451
11/16/23 14:25	68604	49718
11/17/23 14:10	69111	50225
11/30/23 12:22	76548	57662
12/1/23 12:30	87683	68797
12/4/23 14:00	108785	89899
12/7/23 9:30	109842	90956
1/5/24 10:15	112722	93836
1/22/24 14:30	116997	98111
1/24/24 12:13	124267	105381
1/30/24 8:30	127016	108130
2/12/24 14:50	149343	130457
2/29/24 14:45	184422	165536
3/8/24 13:05	184422	165536
3/26/24 12:00	253939	235053
4/29/24 12:00	257403	238517
5/6/24 12:00	261006	242120

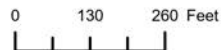


New York State, Maxar, Microsoft

Legend

- Streams
- Airport Property Boundary

- Permanent Monitoring Well
- Temporary Monitoring Well

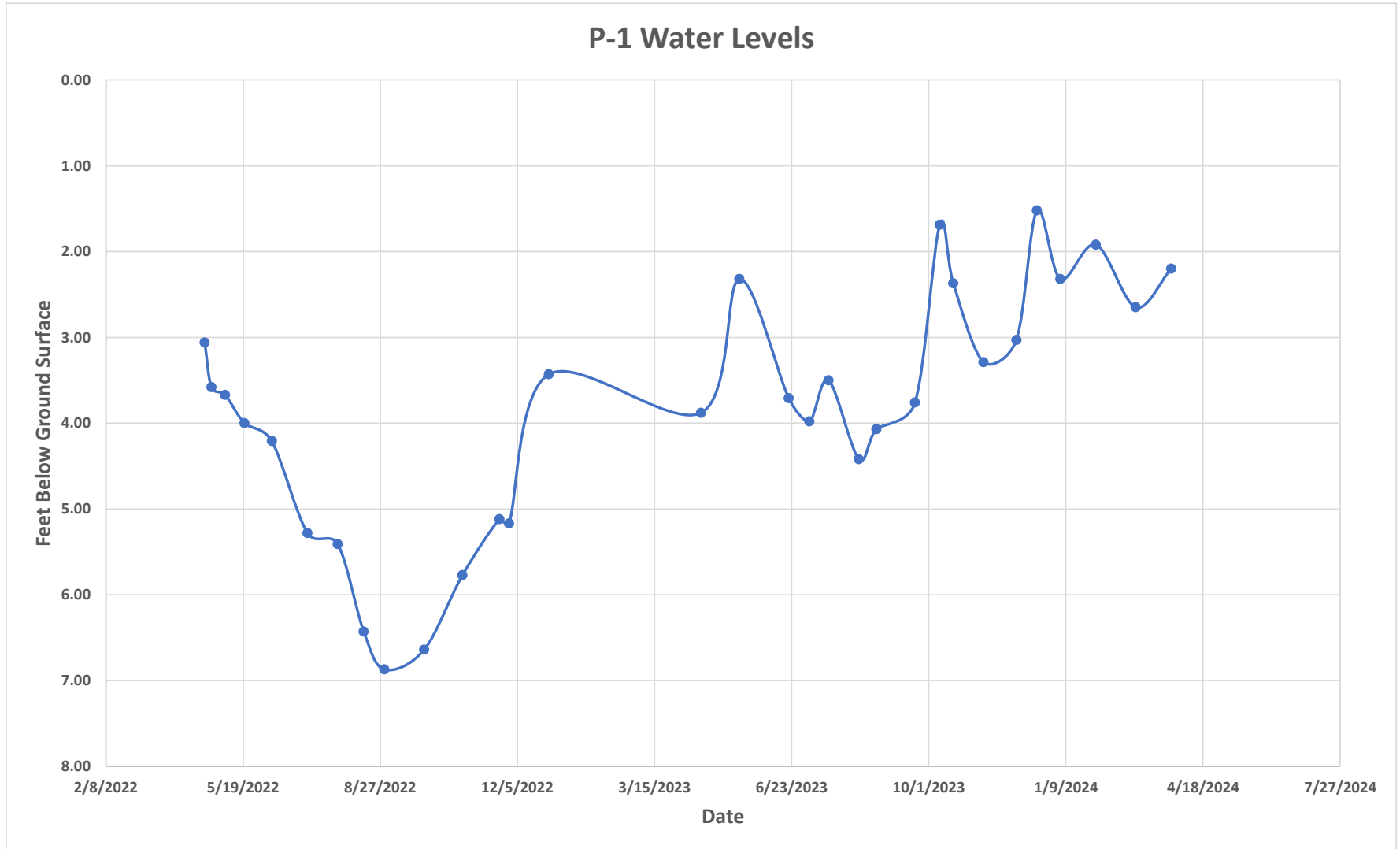


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Butler, NJ 07405

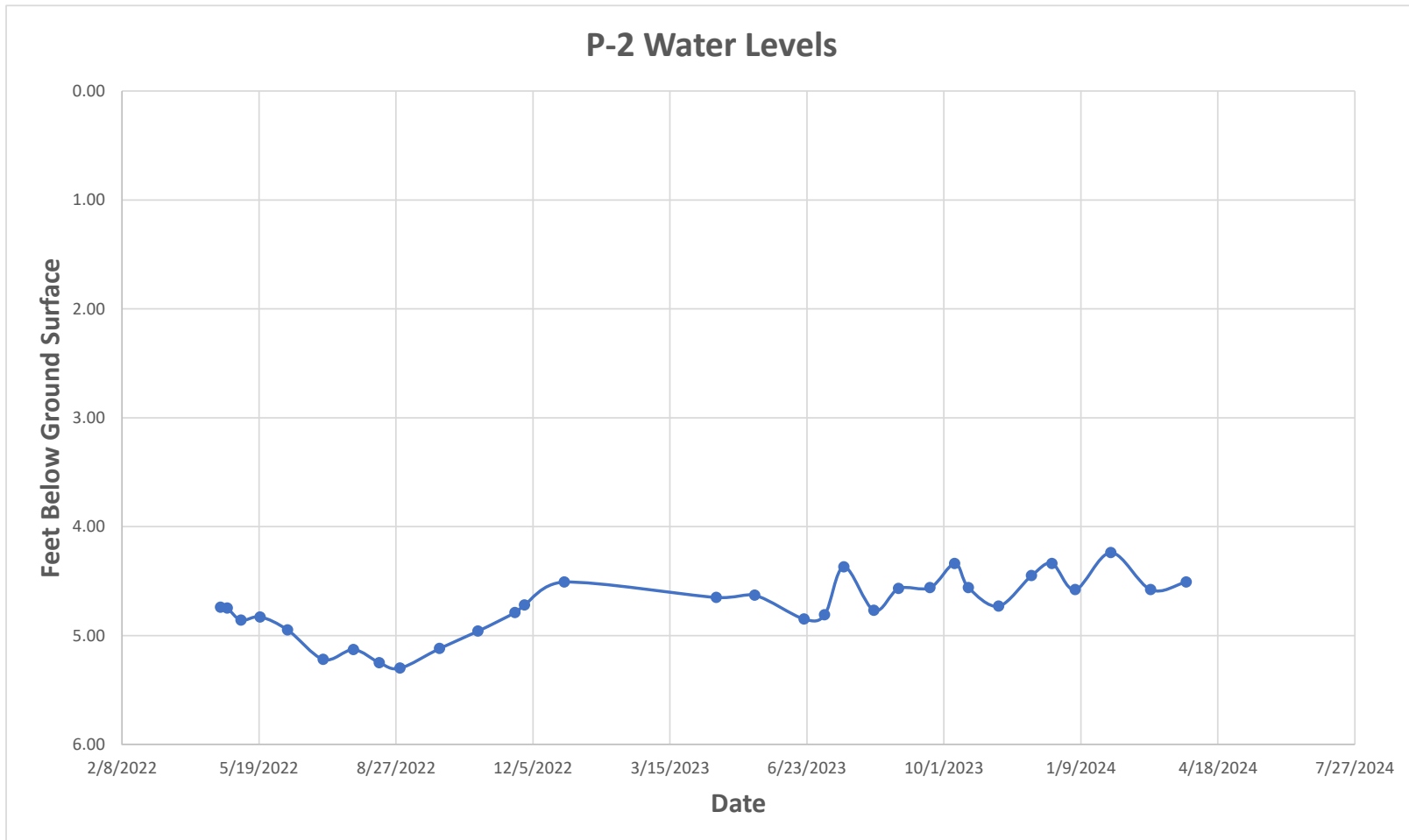
NYSDEC SITE NO. 360174
WESTCHESTER COUNTY AIRPORT
White Plains, Westchester County, New York
Appendix C - FIGURE 1
MONITORING WELL HYDROGRAPHS

Revised	Drawn	Checked	Approved	Date
	DOL			

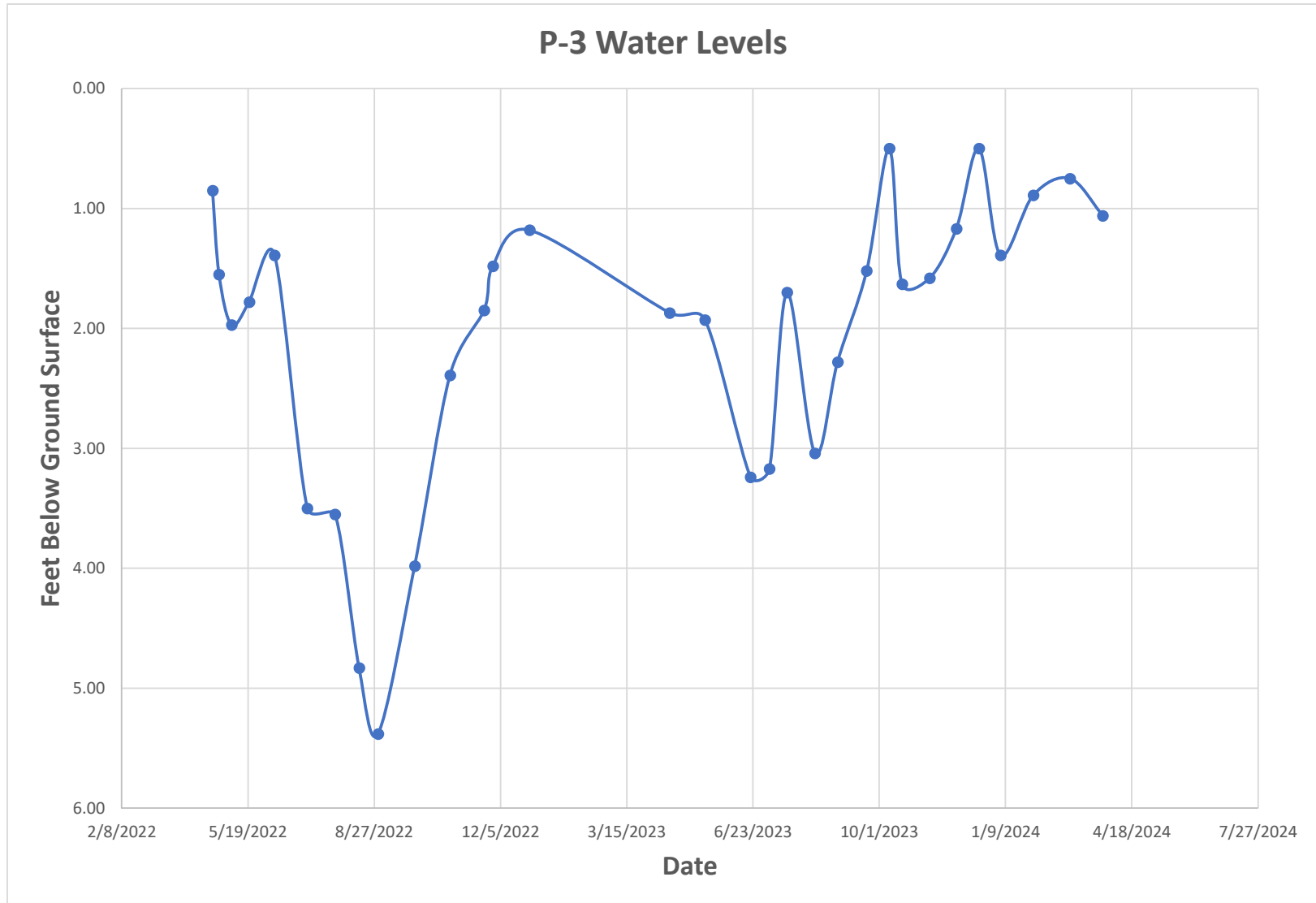
Appendix C
Monitoring Well Hydrographs
Westchester County Airport



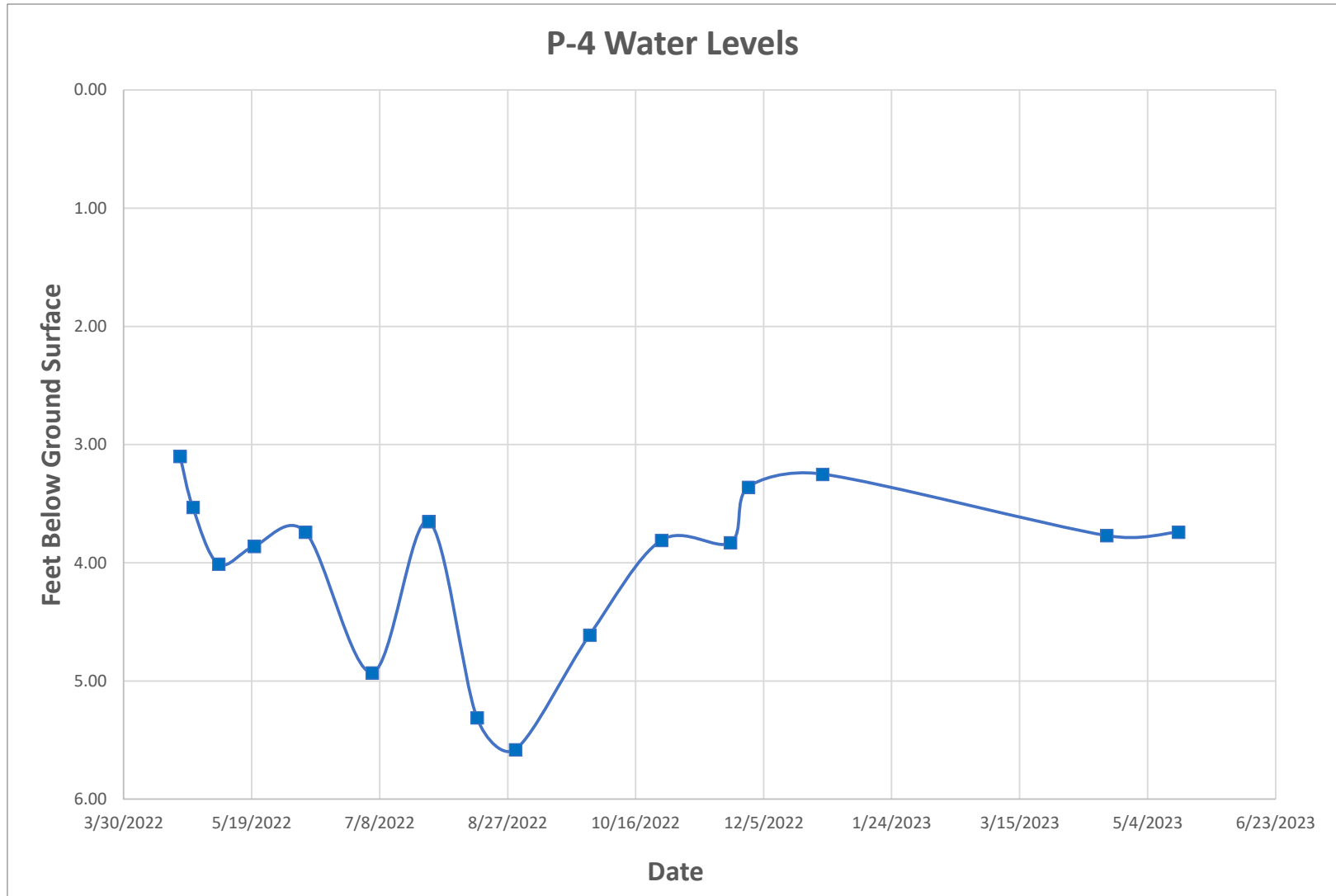
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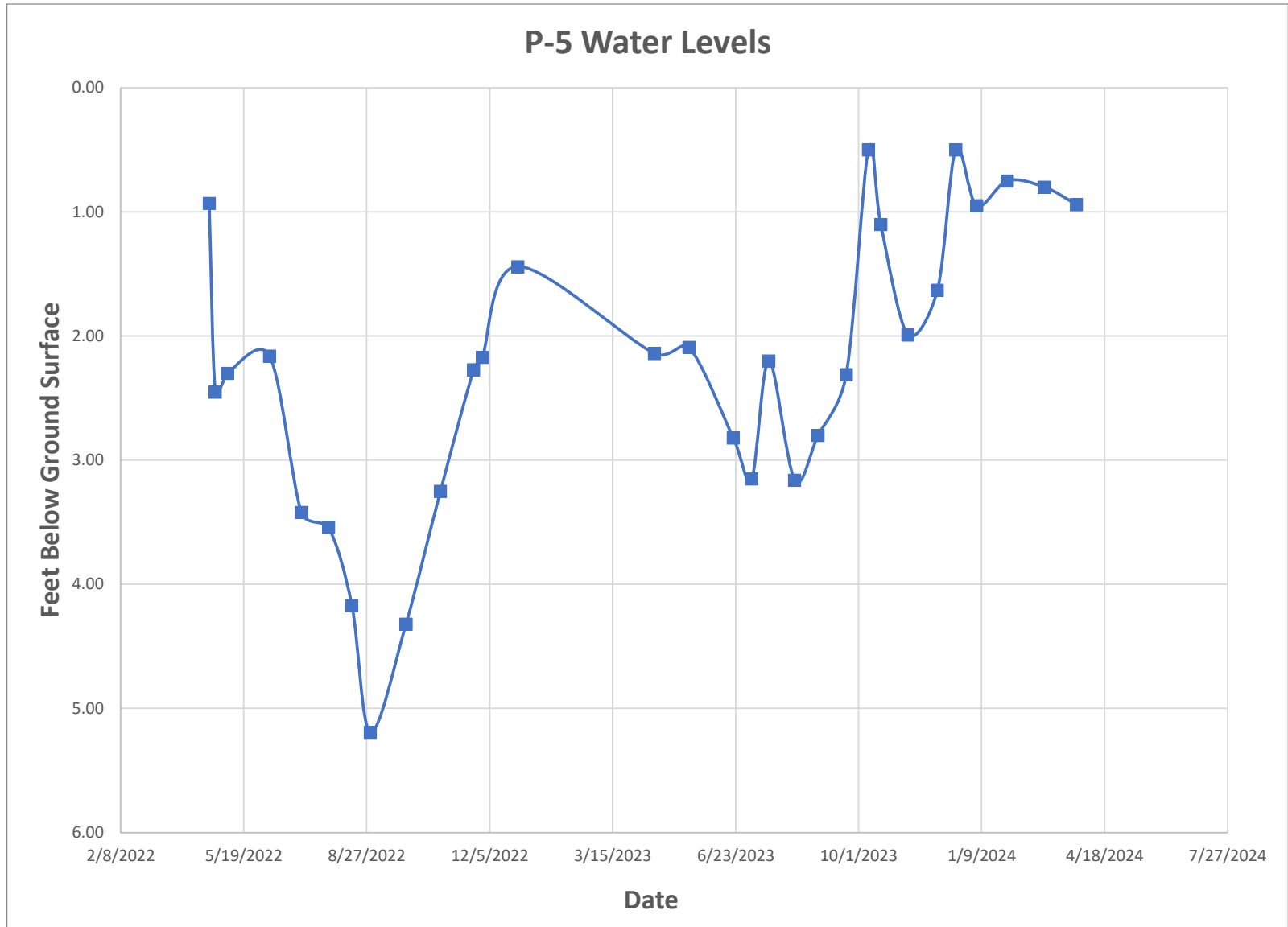
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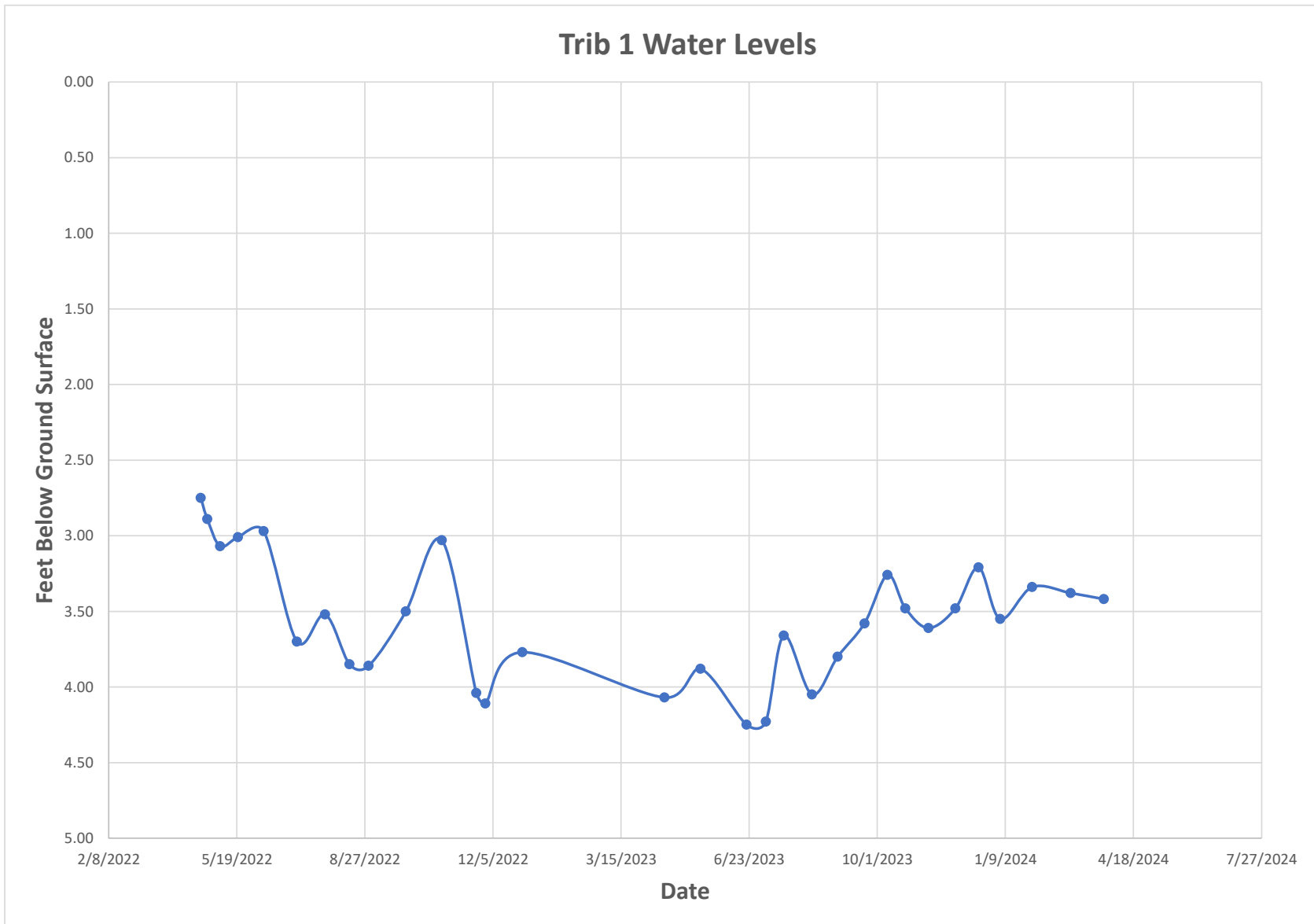
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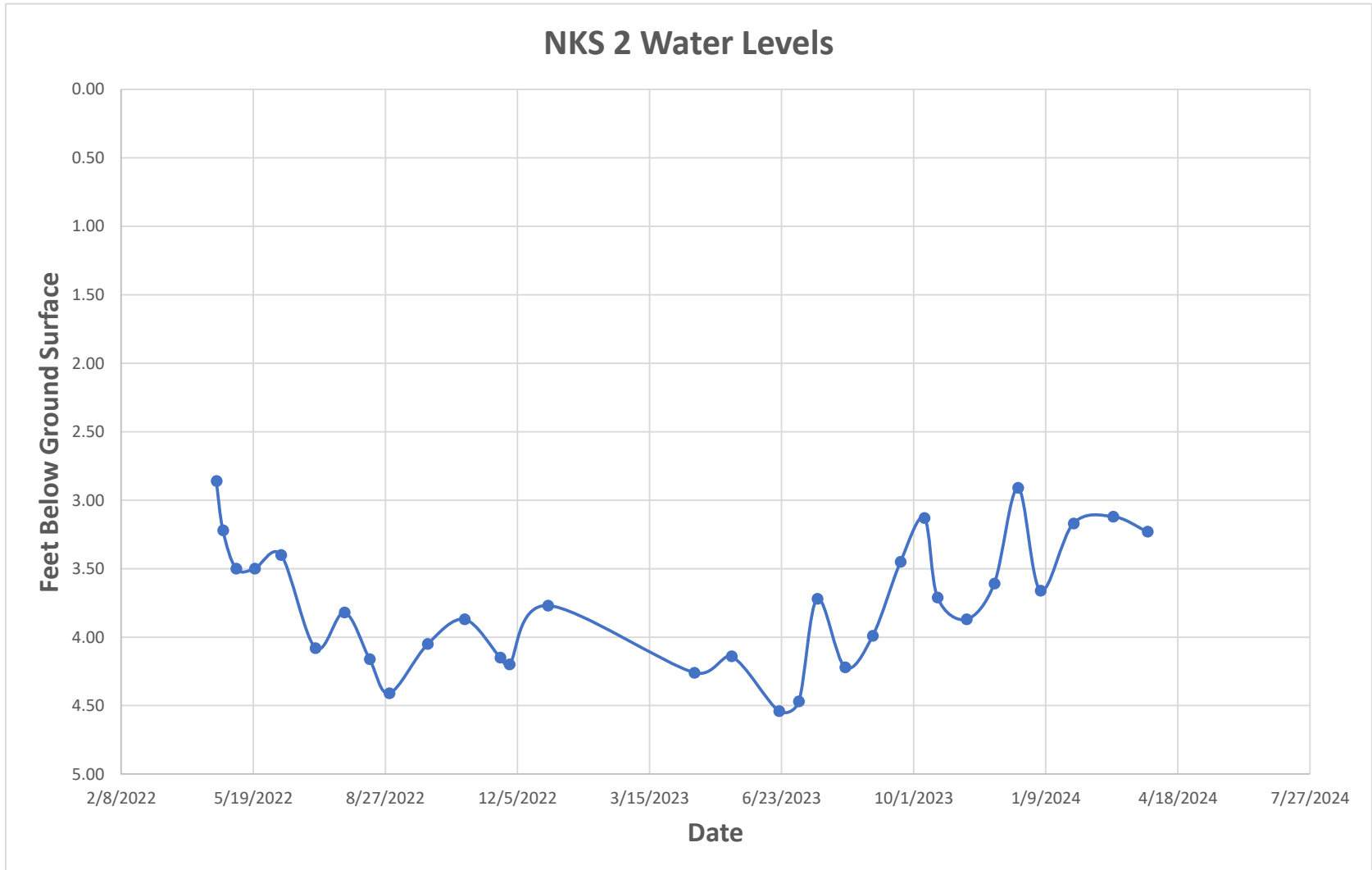
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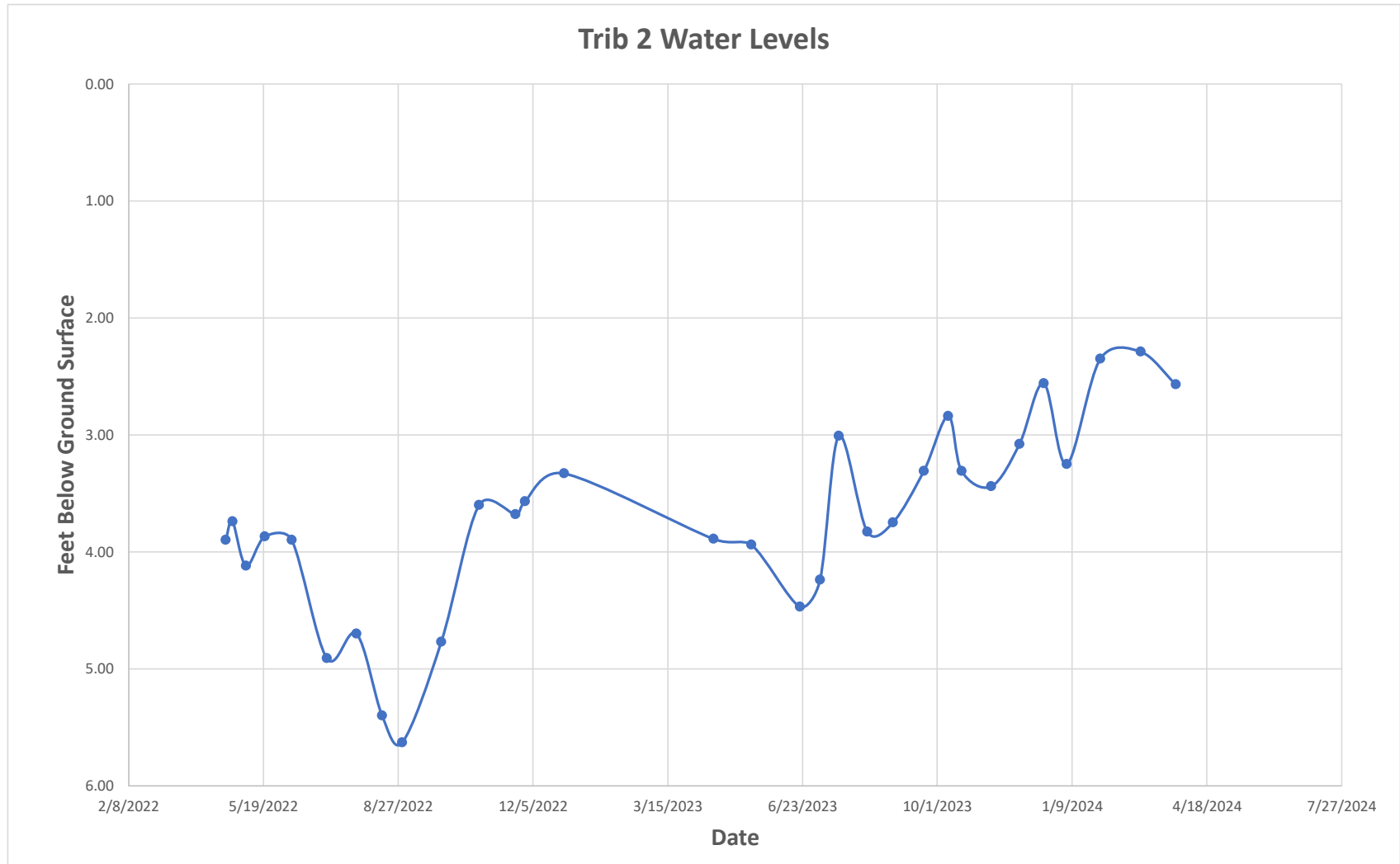
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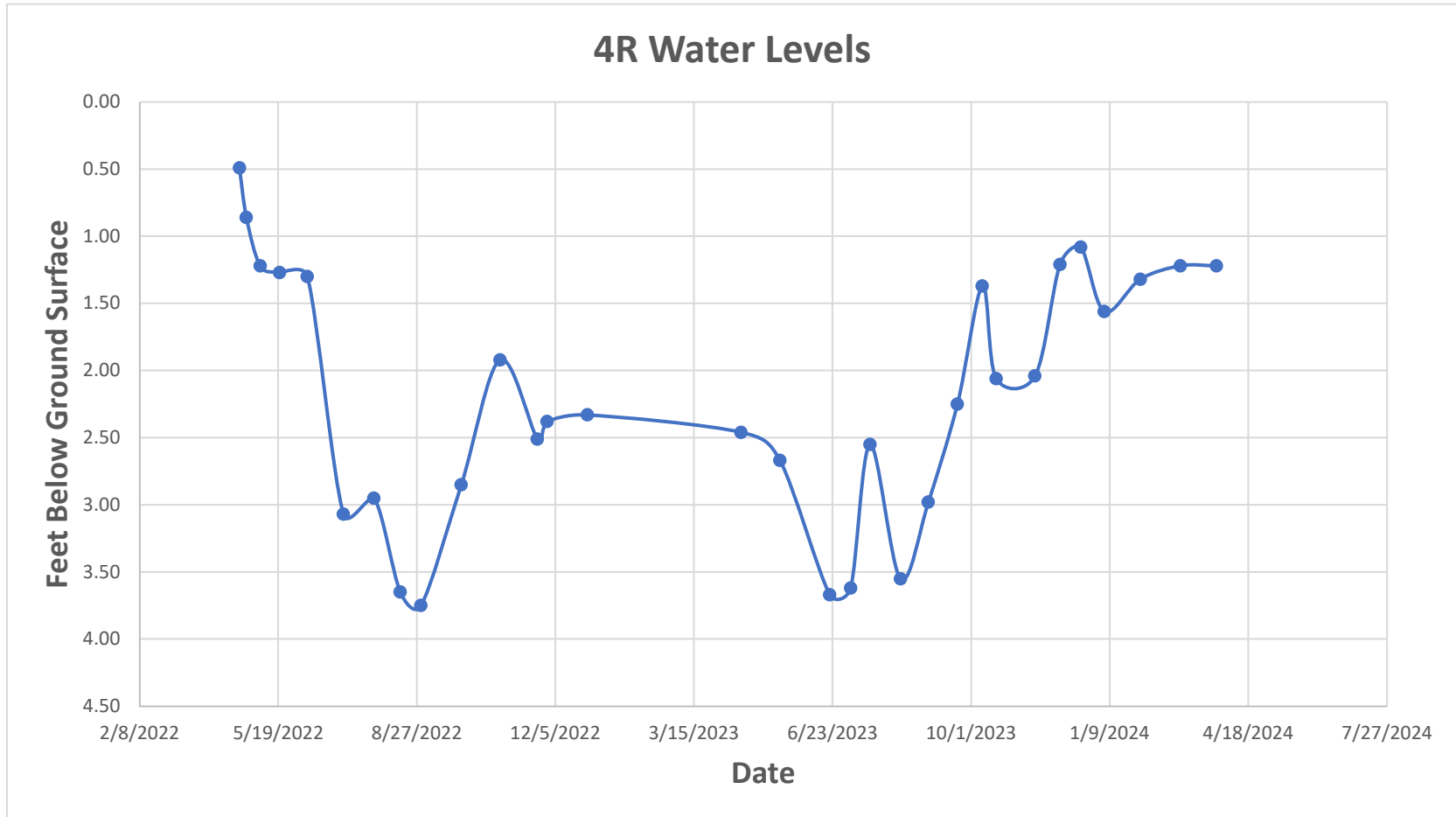
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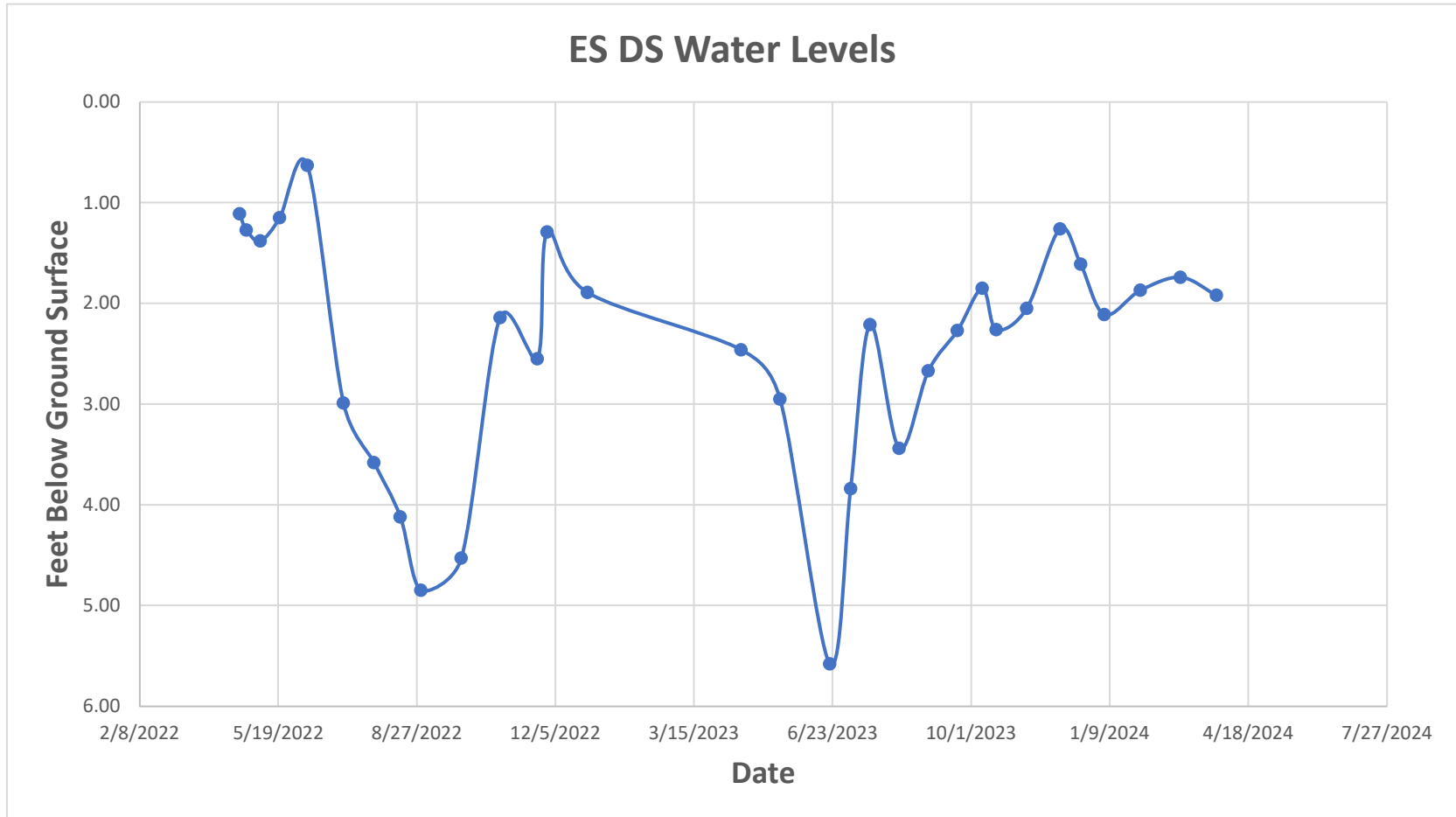
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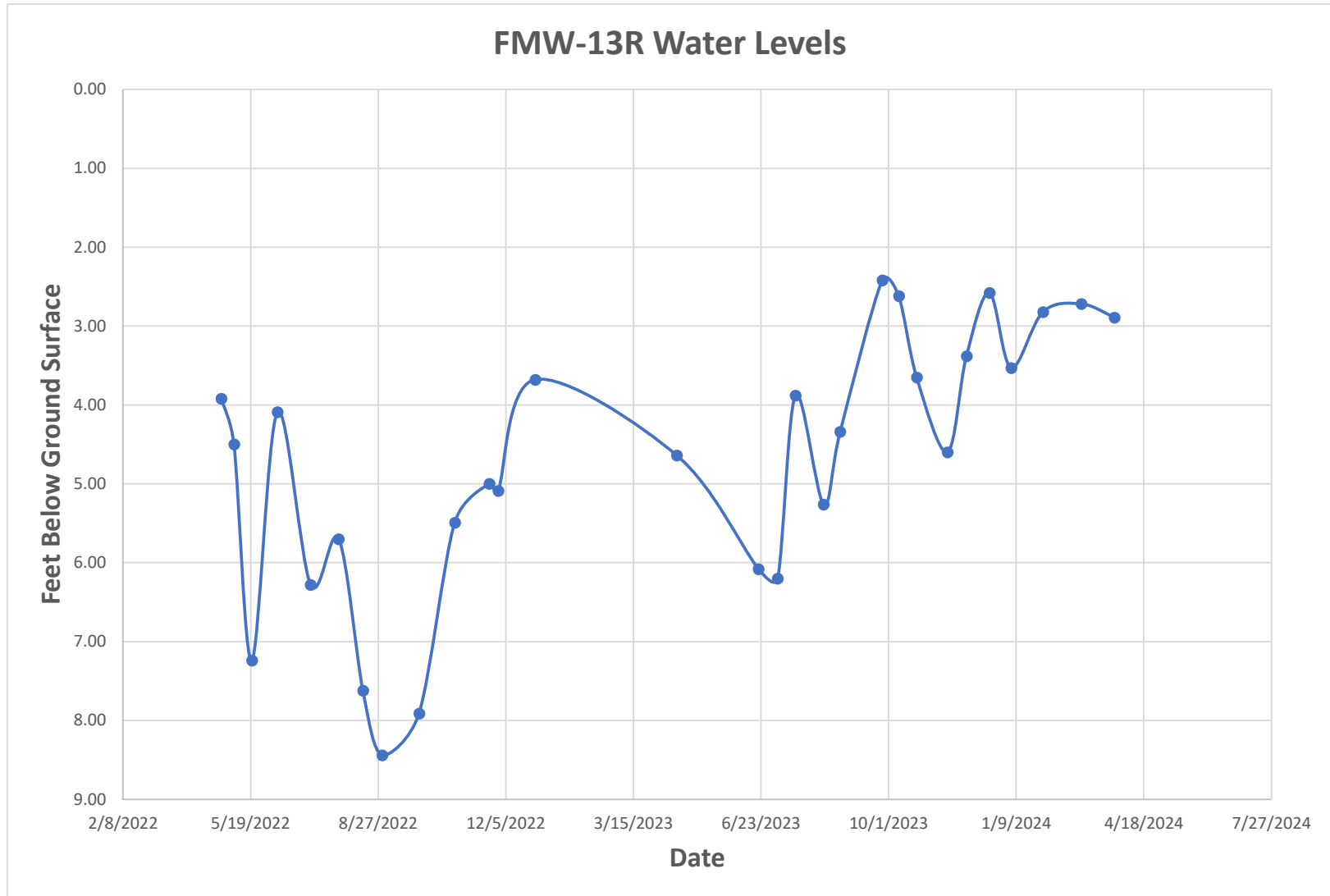
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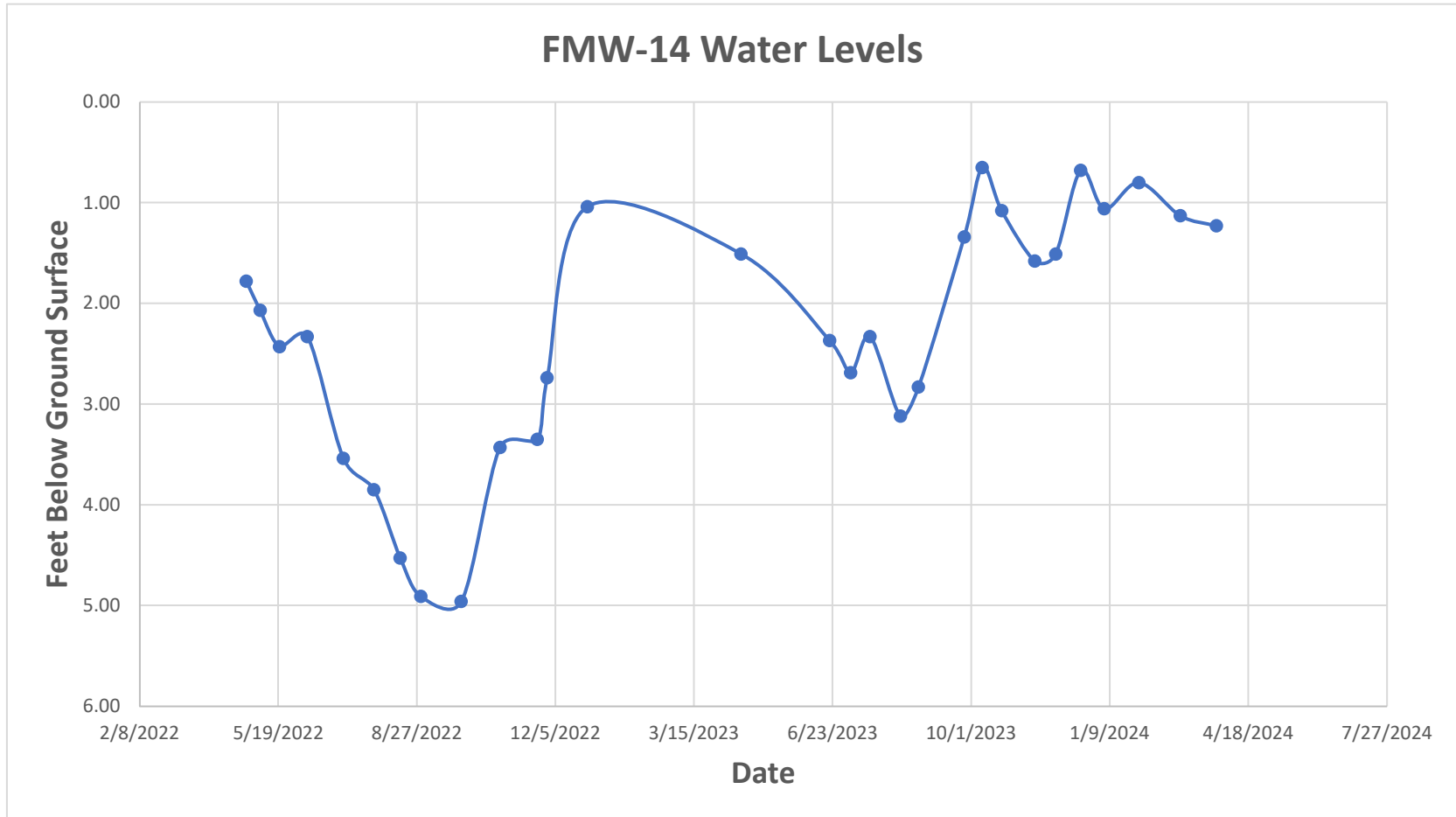
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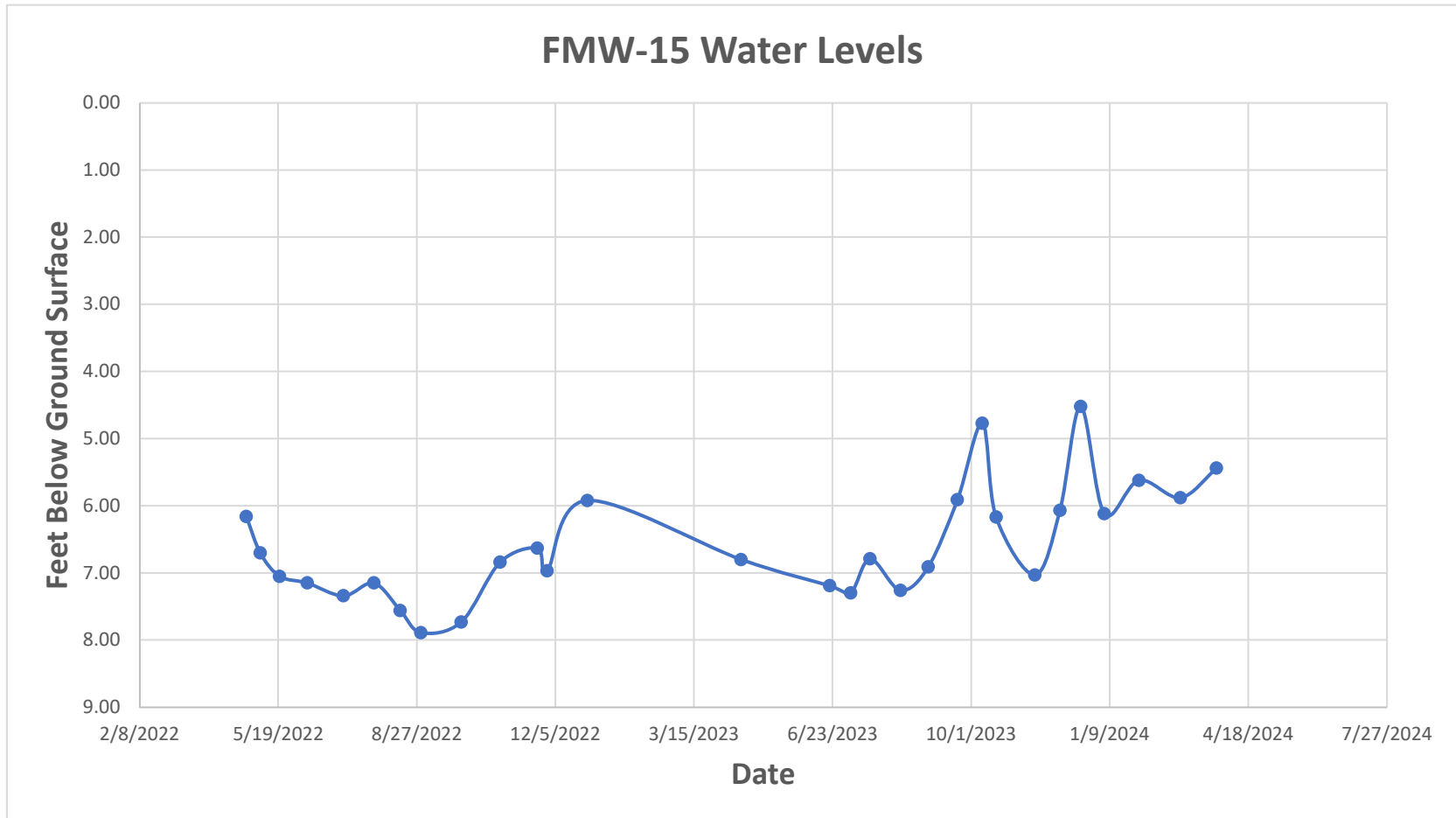
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