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Monthly Construction Progress Report

Date: 17 March 2025

To: David Griffin, P.E., Georgia Safe Dams Program (GSDP)

From: Jamey Dotson, P.E., Geosyntec Consultants (Geosyntec)

Subject: Lake Petit Dam Seepage Collection System Modifications CQA

Work Period:

This revised report summarizes work performed for this project at Lake Petit Dam (Dam) for the period of 01 February 2025 through 28 February 2025, at which time substantial completion of the Seepage Collection System Modifications was recognized.

Summary:

Work during this reporting period (01 February through 28 February 2025) generally consisted of excavating materials and installing the perforated drainage pipe and filter along the central portion of the embankment (approximately between Stations 3+12 and 3+58) on Bench Number (No.) 1; installing the solid pipe between Catch Basin 3 (CB3) and the Concrete Headwall between Stations 5+02 and 5+40; installing the storm drain outlet protection downstream of the Concrete Headwall; and overall Site restoration. Attachment 1 presents a general photograph log of work activities that occurred during this reporting period. Figures 1 and 2 present the general Site layout as well as Site features located and remediated to-date. The primary on-site project activities during this reporting period included:

- Excavation of soil for the new bench drain, along the central portion of Bench No. 1.
- Removal of approximately 38-feet (ft) of existing 10-inch (in.) diameter, corrugated metal pipe (CMP) bench drain, along the central portion of Bench No. 1.
- Installation of approximately 46-ft of fine/coarse filter and installation of proposed 10-in. diameter ADS N-12 perforated drainage pipe, along the central and east portions of Bench No. 1.
- Installation of approximately 38-ft of ADS N-12 10-in. diameter solid drainage pipe, the Concrete Headwall, and Storm Drain Outlet Protection (approximately 34-ft long by 24-ft wide).
- Removal of select stormwater erosion and sediment control (E&SC) measures, final grading of the work area, and topsoil placement in preparation for hydroseeding.
- Delivery of materials including:

  - ADS N-12 10-in. diameter solid drainage pipe.
  - ADS 10-in. diameter watertight 45-degree fittings.
  - HOLCIM Portland Type 1L Cement and Quick Gel Bentonite for cement bentonite grout plug near the downstream outlet CB3.
  - Georgia Department of Transportation (GDOT) SM10 Sand (meeting ASTM C-33 specifications).
  - GDOT No. 89 Stone for use as backfill in the drainage channel around the perforated pipe.
  - GDOT Type III Rip Rap (Meeting GDOT Standard Specification Construction of Transportation Systems Section 805 – Rip Rap and Curbing Stone specifications).
  - 4,000 psi concrete for use at the concrete aprons around the catch basins.
  - Rapid set cement & non-shrink grout for use in grouting ADS N-12 10-in. diameter solid pipe to headwall.
  - Nyloplast Catch Basin replacement branch for damaged CB3 outlet bell.
  - Topsoil for use in restoration of the Site.
- Contractor demobilization.

Weather conditions consisted of clear to overcast skies, light to strong winds, mild to cold weather, with rain events between: (i) 06 through 09 February 2025; (ii) 11 through 15 February 2025; and (iii) 19 February 2025. Total precipitation during this reporting period was approximately 6.8-in. The daily temperature during the month typically ranged between approximately 10 and 70°F.

Representatives from Geosyntec were on-site on an essentially full-time basis monitoring construction operations through 21 February 2025, at which time substantial completion of the project was recognized and the remaining stabilization activities were considered non-critical, not requiring direct oversight from the Engineer.

Hydroseeding of the restored areas and final Contractor demobilization took place on 01 March 2025, during the compilation of this report.

Work Activities:

Erosion and Sediment Control:

The construction entrances consisting of at least 6-in. of GDOT No. 34 stone and located near the left and right abutments were maintained.

The Contractor repaired and maintained the double row silt fence continuously throughout February, including the removal of collected sediment along the silt fence at the crest of Bench

No. 1. Filter fabric previously placed over the openings of Drop Inlets 2 and 4 (DI2 and DI4), CB1, CB2, CB3, and CB4 was also maintained throughout February.

Silt fence along the crest of Bench No. 1 from approximately Station 2+90 to 4+85 was removed on 23 February 2025 so that final grading of the east side of the bench could take place. Silt fence along the crest of the west side of the bench from approximately Station 0+50 to 2+90 was removed on 24 February 2025 to allow final grading to take place. The bench was graded so that surface water flow would be directed towards the toe of the slope on the upstream side of the bench and from the center of the bench towards the left and right abutments.

Construction entrances were removed on 27 February 2025. The Contractor removed the GDOT No. 34 stone and used native material to grade the areas so that stormwater would be directed away from the roadway surface and towards existing drainage features at the toe of the dam.

The filter fabric placed over the opening of DI4 was removed and hydroseeding of the restored areas took place on 01 March 2025, during the compilation of this report.

The following E&SC measures will remain in place until "Final Stabilization" of the Site is obtained in accordance with the requirements of the Georgia Soil and Water Conservation Commission:

- Filter fabric placed over the openings of CB1, CB2, CB3, CB4, and DI2.
- Silt fence located: (i) at the toe of the Dam; (ii) at the right abutment, between the toe of the Dam and Bench No. 1; and (iii) around DI2.

Clearing and Grubbing:

During the Construction Kickoff Meeting (11 November 2024), the Owner's representative confirmed property lines and approved trees for removal. The Engineering team, Owner's representative, and Contractor's representative marked trees approved for removal on the left and right abutments. Trees on the left abutment were removed in November 2024. However, the stumps for the trees were not removed at that time. The Contractor cut and removed trees from the right abutment and then removed stumps from the left and right abutments between 08 and 10 February 2025. After removing stumps from the right abutment, the area was graded, compacted with the excavator bucket, covered with Mirafi FW700 filter fabric, and protected using GDOT Type 3 rip rap. After removing stumps from the left abutment, the area was graded and compacted with the excavator bucket to facilitate the installation of the solid 10-in. ADS N-12 pipe and the Concrete Headwall and outlet protection.

Subgrade:

Approximately 46-ft of the perforated 10-in. ADS N-12 pipe was installed between approximately Stations 3+12 and 3+58. The excavation trench was dug in sections ranging from approximately 10- to 25-ft long, and approximately 4- to 5-ft wide. The depth of the trench varied between approximately 4.5- to 6-ft. The subgrade appeared to be consistent and was made up of fine-grained embankment material.

Approximately 38-ft of the solid 10-in. ADS N-12 pipe was installed between approximately Stations 5+02 and 5+40. The excavation trench was dug in sections ranging from approximately 15- to 20-ft long, and approximately 2.5- to 3.5-ft wide. The depth of the trench varied between approximately 0.5- to 6-ft. The subgrade appeared to be consistent and was made of fine-grained embankment material.

Drains:

During the February reporting period, approximately 38-ft of the existing CMP drain was removed between approximately Stations 3+17 and 3+55, and approximately 46-ft of the perforated 10-in. ADS N-12 pipe and surrounding filter aggregate was installed between approximately Stations 3+12 and 3+58.

The Contractor capped the existing 10-in. CMP that is planned to remain in place using Fernco caps, attached to the CMP with a clamp immediately west of CB1 (02 February 2025). When backfilling, SM10 Sand was placed in approximately 6-in. thick lifts and compacted with the excavator bucket.

Excavation and replacement of five existing Interceptor Drains (IDs) began on 05 February 2025 (ID9) and took place through 07 February 2025 (ID13). The Contractor used an excavator with an approximately 2-ft wide bucket and a reach of approximately 20-ft. The Contractor used composite mats to allow them to reach an additional 5-ft up the embankment.

Starting at the center of Bench No. 1 and following each ID upstream, the Contractor removed approximately 15 to 25 linear feet (LF) of 4-in. HDPE perforated pipe at ID9 through ID13. The 4-in. HDPE pipe of the IDs was observed at depths of approximately 22 to 32-in. below ground surface. The pipe was removed, and the excavation was extended approximately 6-in. below the bottom of the observed pipe. The excavated area was then backfilled with SM10 Sand, which was placed in approximately 6-in. thick lifts and compacted with the excavator bucket. At Bench No. 1, the SM10 Sand for the IDs was tied into the SM10 of the bench drain at a minimum of 18-in. of thickness. The table below is a summary of the removal and replacement of each ID.

Interceptor Drain No.	Approx. Station	Excavation & Drain Installation	Depth		Approx. Pipe Flow (gpm)	Pipe Removed (LF)	Installed Drain (LF)
			Top of Pipe (in.)	Excavation (in.)			
ID0	0+50	14 Jan 2025	30	40	< 0.10	26	26
ID1	0+70	14 Jan 2025	26	36	< 0.25	26	26
ID2	0+72	15 Jan 2025	37	47	0.00	25	25
ID3	0+95	15 Jan 2025	26	36	< 0.25	25	25
ID3A	1+40	09 Jan 2025 15 Jan 2025	28	38	< 0.25	25	25
ID4	1+40	15 Jan 2025	26	36	< 0.25	25	25
ID5	2+00	19 Jan 2025	29	39	0.00	25	25
ID6	2+00	19 Jan 2025	24	34	0.00	25	25
ID7	2+55	19 Jan 2025	22	32	0.00	17[1]	25
ID8	3+00	20 Jan 2025	36	45	< 1.00	25	25
ID9	3+45	05 Feb 2025	24	34	0.00	25	25
ID10	3+45	06 Feb 2025	32	42	< 0.10	25	25
ID11	4+00	06 Feb 2025	26	36	0.00	18[2]	25
ID12	4+75	07 Feb 2025	24	34	0.00	25[3]	25
ID13	4+75	07 Feb 2025	22	32	0.00	15[4, 5]	15

[1] Interceptor Drain perforated pipe terminated at 17-ft upslope from Bench No. 1.
[2] Interceptor Drain perforated pipe terminated at 18-ft upslope from Bench No. 1.
[3] Approximately 2- to 3-ft of perforated pipe was observed outside of stone bedding.
[4] Interceptor Drain was observed in line with a large tree at the abutment. Excavation was stopped approximately 15-ft from Bench No. 1 to prevent significant damage to tree roots.
[5] Flow was observed withing the stone bedding of the Interceptor Drain.

On 13 February 2025, the Contractor began excavating at approximately Station 5+02 to for installation of the solid 10-in. ADS N-12 pipe, connecting CB3 and the headwall. During excavation, the outlet bell connection (branch) of CB3 was damaged. The Contractor contacted the Engineer and catch basin manufacturer to obtain repair procedures. Upon approval from the Engineer and following the procedures provided by the manufacturer, the Contractor removed and replaced the damaged branch on 14 February 2025. The branch was attached to CB3 using heavy duty PVC glue and purple primer, as approved by the manufacturer.

Earthwork:

The Contractor completed the excavation and installation of the proposed perforated pipe and filter aggregates between approximately Stations 3+12 and 3+58. The process was conducted in sections of excavation ranging from approximately 10- to 25-ft. The excavator was used to remove embankment materials and the CMP. The smooth-edged bucket of the excavator was then used to prepare the subgrade. Trench boxes were installed due to the observed depth of the excavation. Two lifts of sand bedding were placed within the excavated trench. The lifts consisted of approximately 3-in. of bucket compacted SM10 Sand. The stone template box was then installed and approximately 6-in. of No. 89 Stone was placed inside of the template structure as pipe bedding. The Contractor then installed the perforated 10-in. ADS N-12 pipe. Using the stone template structure, approximately 6-in. of No. 89 Stone was placed on either side of the perforated 10-in. ADS N-12 pipe and approximately 6-in. over the pipe. SM10 Sand was then placed approximately 2-ft over the stone template and around the template. The trench box and stone template were removed from the excavation and the trench was filled with SM10 Sand.

Per the installation sequence of the perforated 10-in. ADS N-12 pipe, the pipe was installed with the bell in the direction of pipe laying. Therefore, the bells were placed to the west between approximately Stations 3+12 and 4+98. Whereas the perforated 10-in. ADS N-12 pipe between approximately Stations 0+50 and 3+12 were installed to the east. The Contractor cut the bell end of the final pipe section (installed between approximately Stations 3+12 and 3+28) to install a coupler connection at approximate Station 3+12. The coupler was installed in accordance with manufacture guidance and the coupler appeared to fit firmly.

Additionally, approximately 38-ft of solid 10-in. ADS N-12 pipe was installed between approximately Stations 5+02 and 5+40, connecting to the Concrete Headwall. Between 14 and 18 February 2025, the Contractor excavated between approximately Stations 5+02 and 5+40. The excavator was used to remove embankment material. The subgrade was prepared with the smooth-edged bucket. Trench boxes were installed between Stations 5+02 and 5+18 due to the depth of the excavation. The Contractor installed a 20-ft section of pipe between approximately Stations 5+02 and 5+22, and two wooden forms installed at approximately Stations 5+05 and 5+08. Sand bedding was placed within the excavated trench, outside of the wooden forms. On 14 February 2025, the cement bentonite grout plug was installed around the solid wall pipe from approximately Station 5+05 to 5+08. The forms were left in place to allow the grout to set and were removed on 16 February 2025.

The Contractor cut approximately 4-ft of the placed solid 10-in. ADS N-12 pipe at approximately Station 5+18. On 16 February 2025, the Contractor installed the first 45-degree bend, the approximately 4-ft cut pipe section, and the second 45-degree bend within the embankment per the manufacturer installation guidelines. The pipe daylighted at approximately Station 5+28. Between Stations 5+28 and 5+40, the pipe was placed on SM10 sand bedding, approximately 3-ft

wide and 1-ft tall. Mirafi FW700 filter fabric was placed over the pipe from approximately Station 5+18 to 5+40 (the Concrete Headwall), and approximately 18-in. of GDOT Type III rip rap was placed over the filter fabric and pipe.

The Concrete Headwall was installed, at approximately Station 5+40 to 5+43. Prior to installation, the excavator was used to prepare the subgrade. The headwall was placed on a bedding of Mirafi FW700 filter fabric overlaid with SM10 sand. Note, the solid 10-in. ADS N-12 pipe extended into the headwall to approximately Station 5+41 and has an overhang of approximal 4-in. to aid in flow measurement. On 17 February 2025, the solid 10-in. ADS N-12 pipe was grouted to the headwall structure at approximately Station 5+40.

On 17 February 2025, the Contractor excavated and placed wooden forms around CB1, CB2, CB3 and CB4 to assist in the placement of the concrete aprons. Near CB4, the Contractor graded the previously eroded slope within the groin of the right abutment. To mitigate erosion, Mirafi FW700 filter fabric and overlaying GDOT Type III rip rap was placed along the regraded slope. On 18 February 2025, a subcontractor installed approximately 8-in. thick concrete aprons around CB1, CB2, CB3, and CB4. The concrete was allowed to set for approximately 24 hours before the forms were removed on 19 February 2025.

On 18 February 2025, outlet protection was installed downstream of the Concrete Headwall. The outlet protection consisted of a base of Mirafi FW700 filter fabric and approximately 1-ft of GDOT Type III rip rap. The outlet protection was placed to approximately 34-ft downstream of the Concrete Headwall (approximately Station 5+75) and was approximately 24-ft wide. Additionally, the Contractor constructed an approximately 2-ft wide and 0.5-ft high berm on the west side of the outlet protection to direct water to the drainage area and away from the embankment toe. The berm runs from approximately Station 5+43 to 5+75 and consists of previously excavated embankment fill overlayed by Mirafi FW700 filter fabric and approximately 1-ft of GDOT Type III rip rap, respectively.

A preliminary punch list of outstanding construction activities was provided to the Contractor on 20 February 2025, at which time final grading began. Final grading continued between 21 and 25 February 2025, with topsoil placement beginning on 25 February 2025. Geosyntec's Engineer visited the Site on 25 February 2025 for a final walkdown and a final punch list of activities was provided to the Contractor. Grading and topsoil placement continued on 26 February 2025 and was completed on 28 February 2025.

On 27 February 2025, the remaining GDOT Type III rip rap was placed around the concrete aprons of CB1 and CB4 and the No. 34 stone from the construction entrances was repurposed and placed around the concrete apron of CB2.

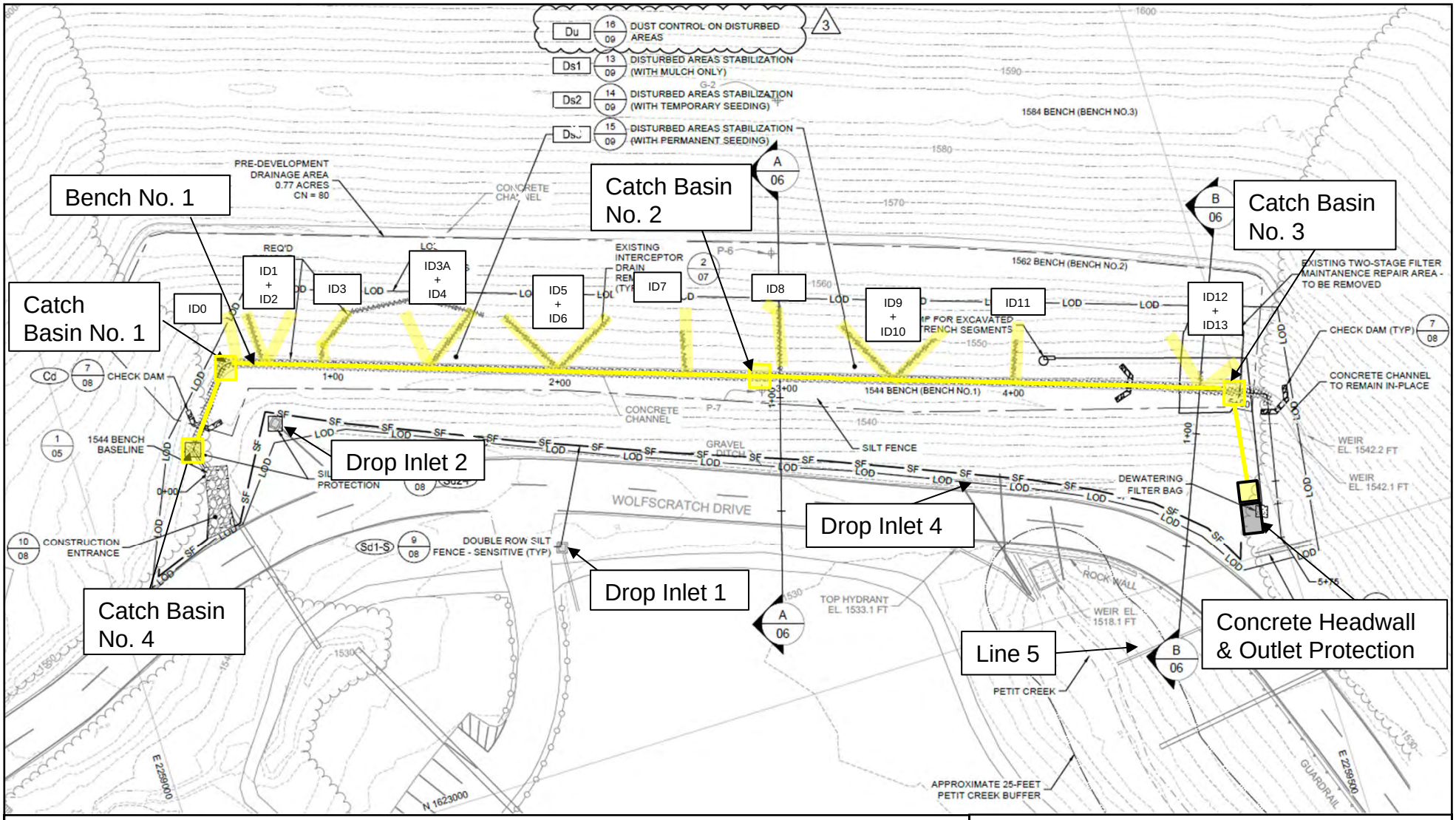
Instrumentation:

When work was occurring, an Engineer's representative typically recorded twice-daily readings from vibrating wire piezometers located on Bench No. 1 and Bench No. 2, and daily readings from vibrating wire piezometers and open standpipe piezometers located at Bench No. 3, Bench No. 4, Bench No. 5, and the Crest of the Dam. Records of those readings, as well as readings since December 2019, are provided in plots shown in Attachment 2. Lake Petit water surface elevations were also collected throughout the month and are tabulated in Attachment 2 with the instrumentation readings.

Laboratory Material Certification:

No laboratory material testing was performed during the month of February.

Figures



Note:
1. All locations are considered to be approximate.
2. Image obtained from Sheet 3 of Seepage Collection System Modifications Drawing Set, dated June 2024. Drawings have not been updated to reflect field conditions but are used for informational purposes for this report.

LEGEND

- INSTALLED CATCH BASINS AND ADS N-12 10-in. PIPE (CUMULATIVE)
- INSTALLED FILTER AND INTERCEPTOR DRAINS (CUMULATIVE)
- INSTALLED CONCRETE HEADWALL
- INSTALLED OUTLET PROTECTION

LAKE PETIT DAM – SEEPAGE COLLECTION SYSTEM MODIFICATIONS
BIG CANOE POA
JASPER, GA

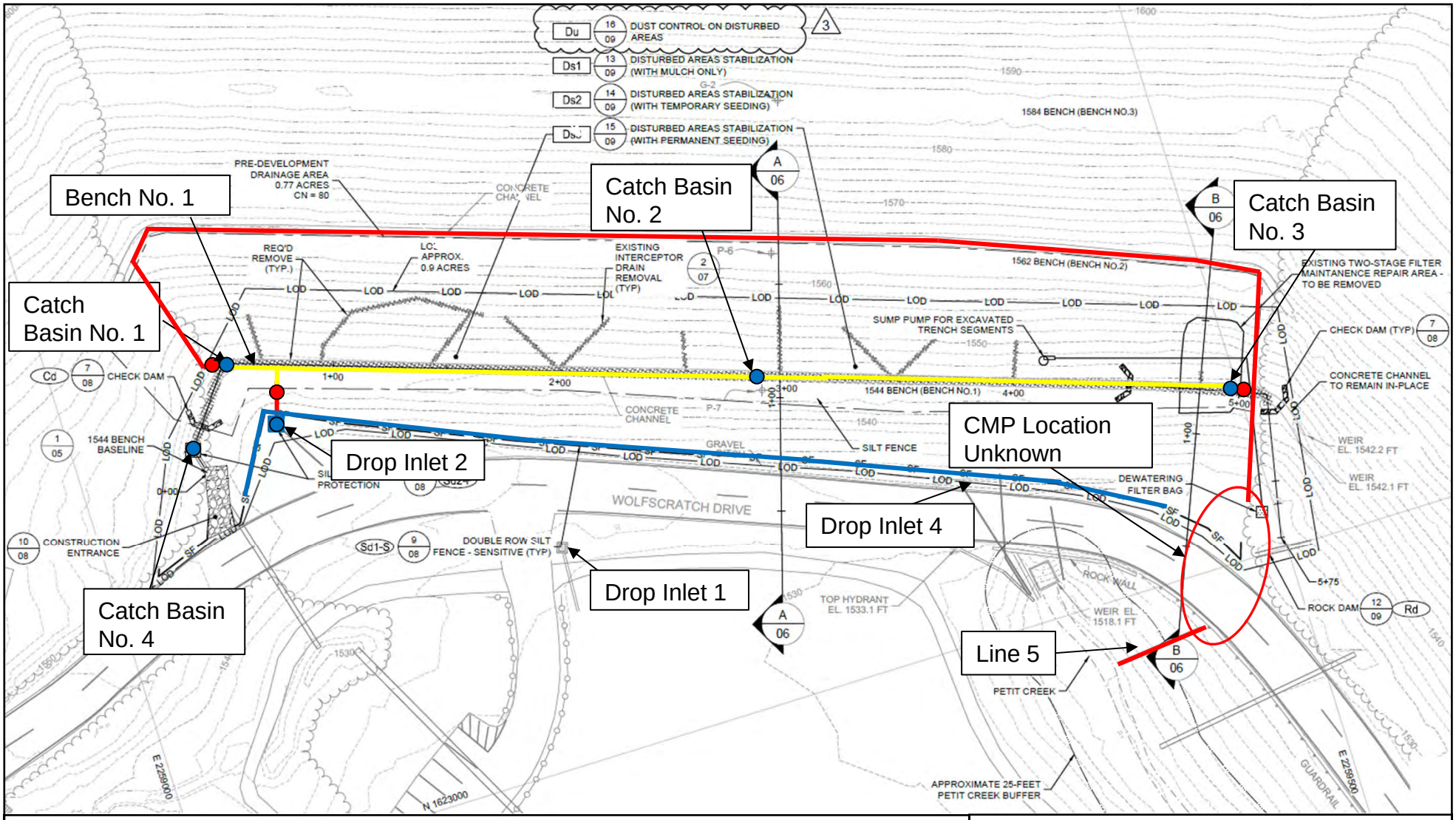
Big Canoe POA

Geosyntec consultants

FIGURE 1. SITE LAYOUT

PROJECT NO: TCG11100

FEBRUARY 2025



Note:

1. All locations are considered to be approximate.
2. Image obtained from Sheet 3 of Seepage Collection System Modifications Drawing Set, dated June 2024. Drawings have not been updated to reflect field conditions but are used for informational purposes for this report.

LEGEND

- EXISTING CORRUGATED METAL PIPE (CMP) DRAIN – REMOVED
- EXISTING CMP DRAIN – TO REMAIN IN-PLACE
- EXISTING CMP DRAIN – LOCATION OF FERNCO CAP
- SILT FENCE TO REMAIN IN PLACE UNTIL "FINAL STABILIZATION" OF THE SITE
- INLET PROTECTION TO REMAIN IN PLACE UNTIL "FINAL STABILIZATION" OF THE SITE

LAKE PETIT DAM – SEEPAGE COLLECTION SYSTEM MODIFICATIONS
BIG CANOE POA
JASPER, GA

Big Canoe POA

Geosyntec consultants

FIGURE 2. SITE LAYOUT

PROJECT NO: TCG11100	FEBRUARY 2025

Attachment 1

Photograph Log

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02

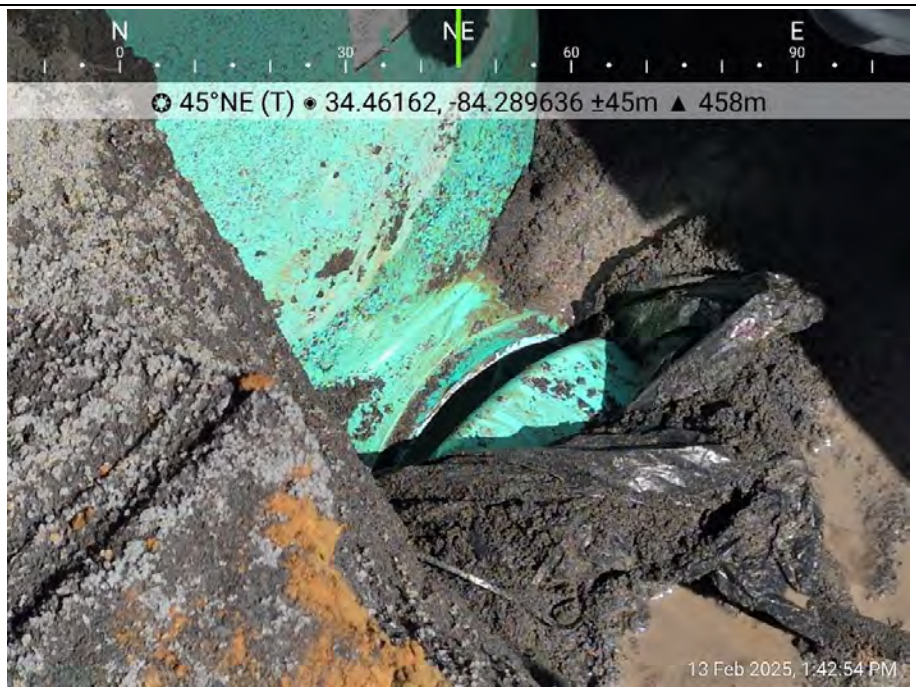
Photograph No. 01 Description: View of the subgrade being prepared at approximately Station 3+58 to 3+48.	
Photograph No. 02 Description: View of the cap installed on the CMP west of CB1. Note, the water level within the excavation dropped prior to backfilling. Excavation was backfilled with sand and bucket compacted using the excavator.	

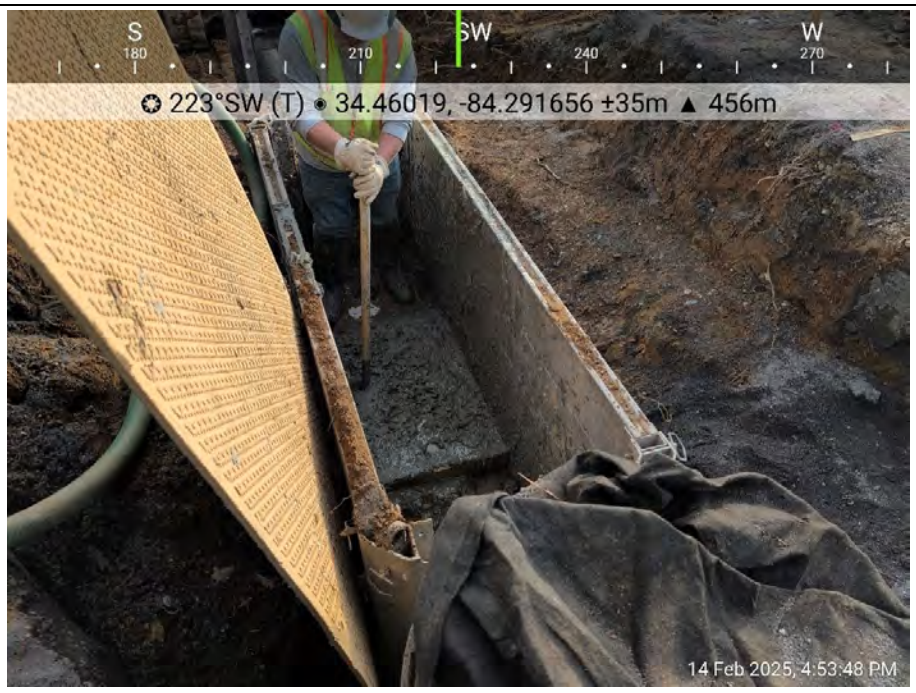
PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 03 Description: View of rock placed to top of form from approximately Station 3+46 to 3+38.		
Photograph No. 04 Description: View of the pipe installed between approximately Station 3+28 and 3+12.		

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 05 Description: View of the excavation following the removal of ID9 and the stone bedding.		
Photograph No. 06 Description: View of ID9 after backfilling was complete.		

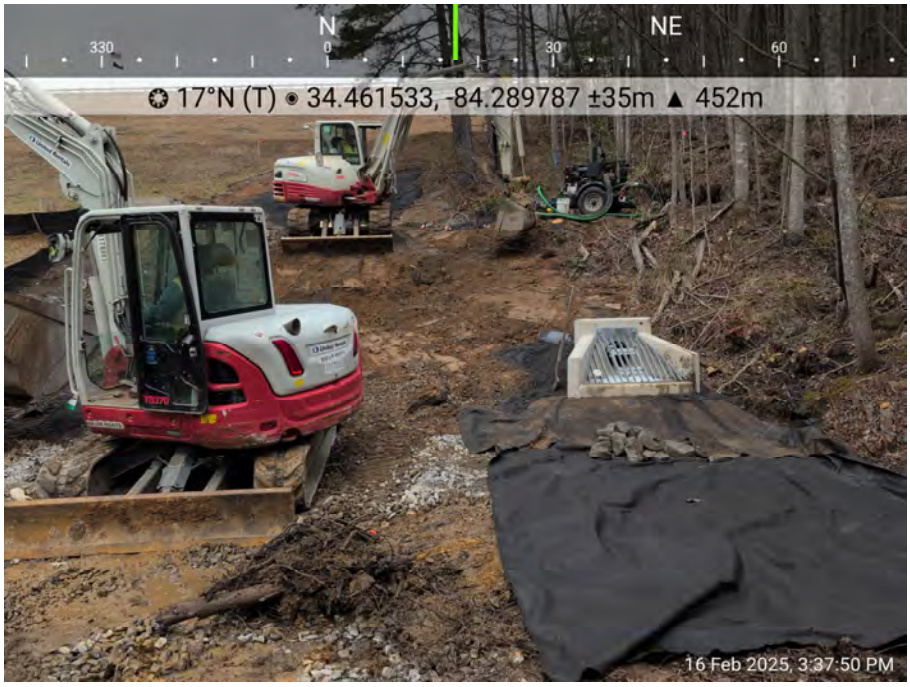
PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 07 Description: View of ID11 after backfilling was complete.		
Photograph No. 08 Description: View of ID12 and ID13, after backfilling with SM10 sand to approximately 6-in. below grade.		

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 09 Description: View of the west side of the bench after regrading was performed to promote surface runoff.		
Photograph No. 10 Description: View of filter fabric placed near CB4.		

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 11 Description: Excavation for discharge pipe at CB3.		
Photograph No. 12 Description: Damage to outlet pipe bell connector on CB3.		

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 13 Description: Repaired bell connector at CB3.		
Photograph No. 14 Description: Placement and consolidation of cement bentonite grout plug for discharge pipe at CB3.		

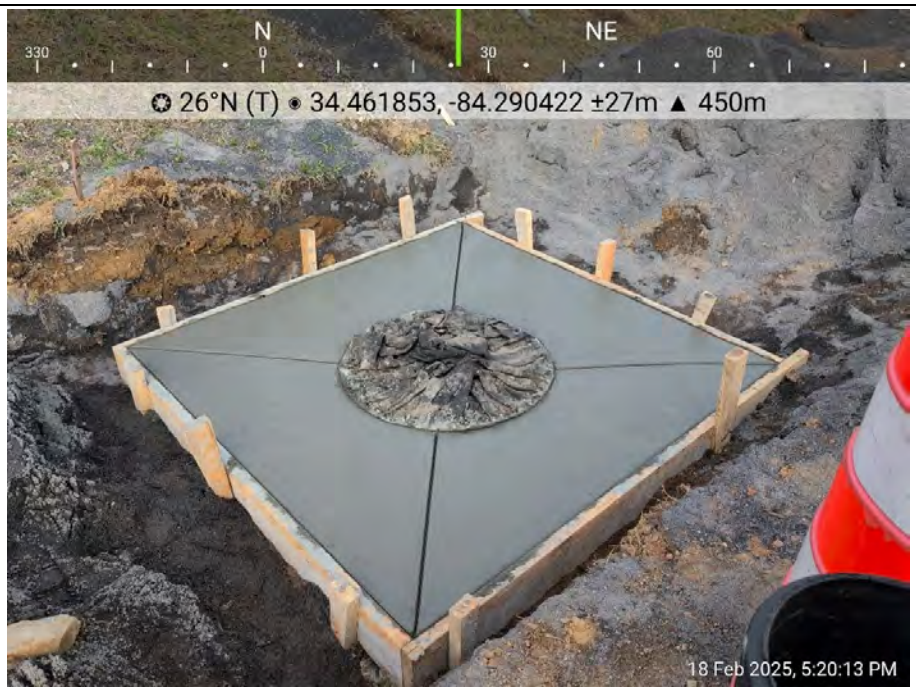
PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02

Photograph No. 15 Description: Discharge pipe and headwall structure in place past CB3.	
Photograph No. 16 Description: Placement of filter fabric and rip rap along slope behind CB4.	

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02

Photograph No. 17 Description: Completed grouting of discharge pipe from CB3 into headwall structure.	
Photograph No. 18 Description: View of berm on the west side of the outlet protection to direct water away from the embankment toe.	

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02

Photograph No. 19 Description: Completed rip rap placement downstream of the Concrete Headwall.	
Photograph No. 20 Description: Completed concrete apron at CB2 with relief joints and tooled edges in place.	

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 21 Description: View of ID 8 following topsoil placement.		
Photograph No. 22 Description: View of topsoil being placed to grade at ID 11.		

PHOTOGRAPH LOG		
PROJECT AND SITE INFORMATION		
PROJECT: Lake Petit Dam Seepage Collection CQA	*DATE: February 2025 Reporting Period*	
DESCRIPTION: Seepage Collection System Modification	**PROJECT NO.:** TCG11100	**TASK NO.:** 01/02
Photograph No. 23 Description: View of rip rap being placed over filter fabric east of CB3.		
Photograph No. 24 Description: View of general conditions of the east side of the bench during final grading activities.		

Attachment 2

Instrumentation

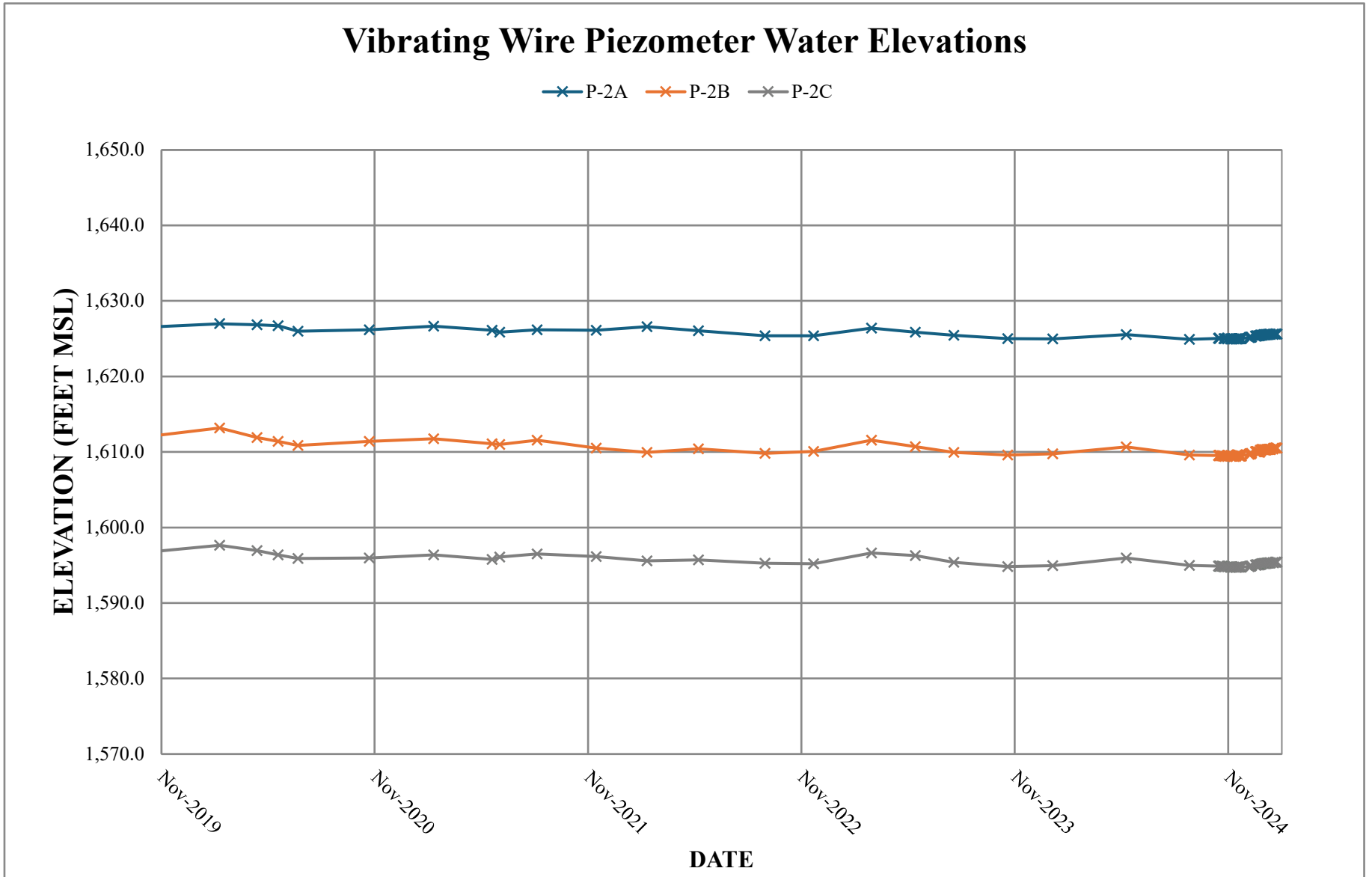


Figure 1. Summary of Vibrating Wire Piezometer Data, P-2A, B, C (Nov. 2019 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

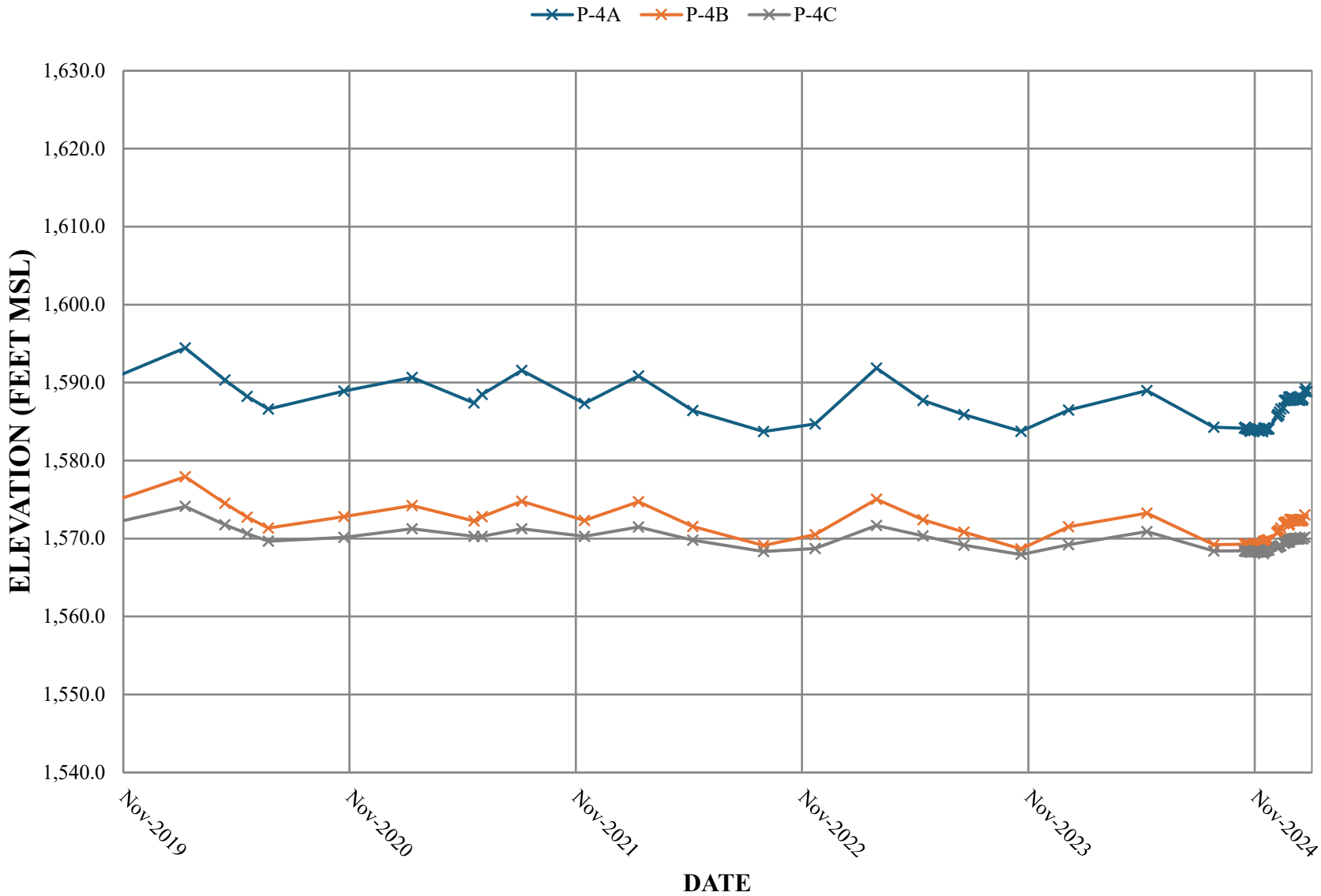


Figure 2. Summary of Vibrating Wire Piezometer Data, P-4A, B, C (Nov. 2019 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

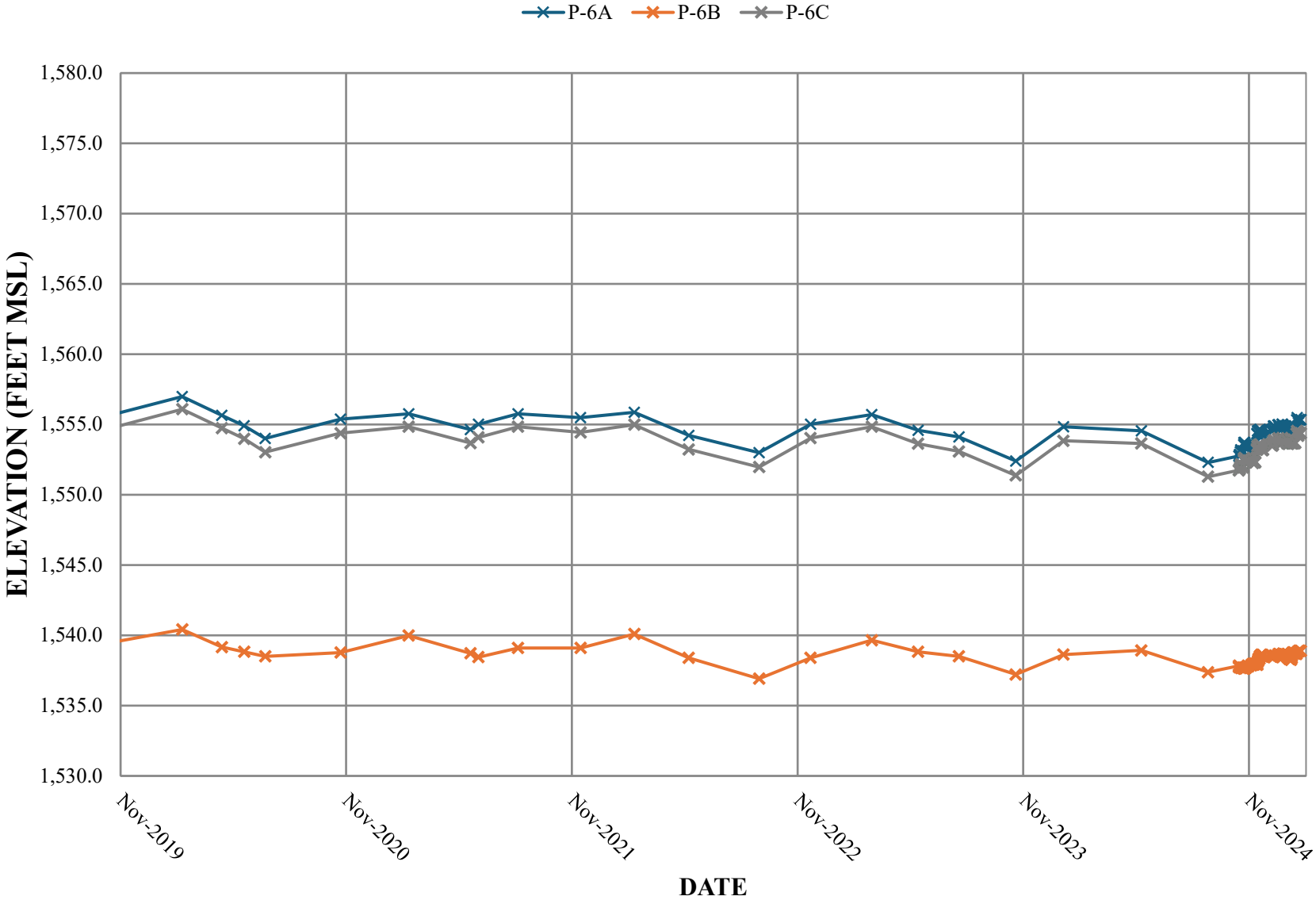


Figure 3. Summary of Vibrating Wire Piezometer Data, P-6A, B, C (Nov. 2019 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

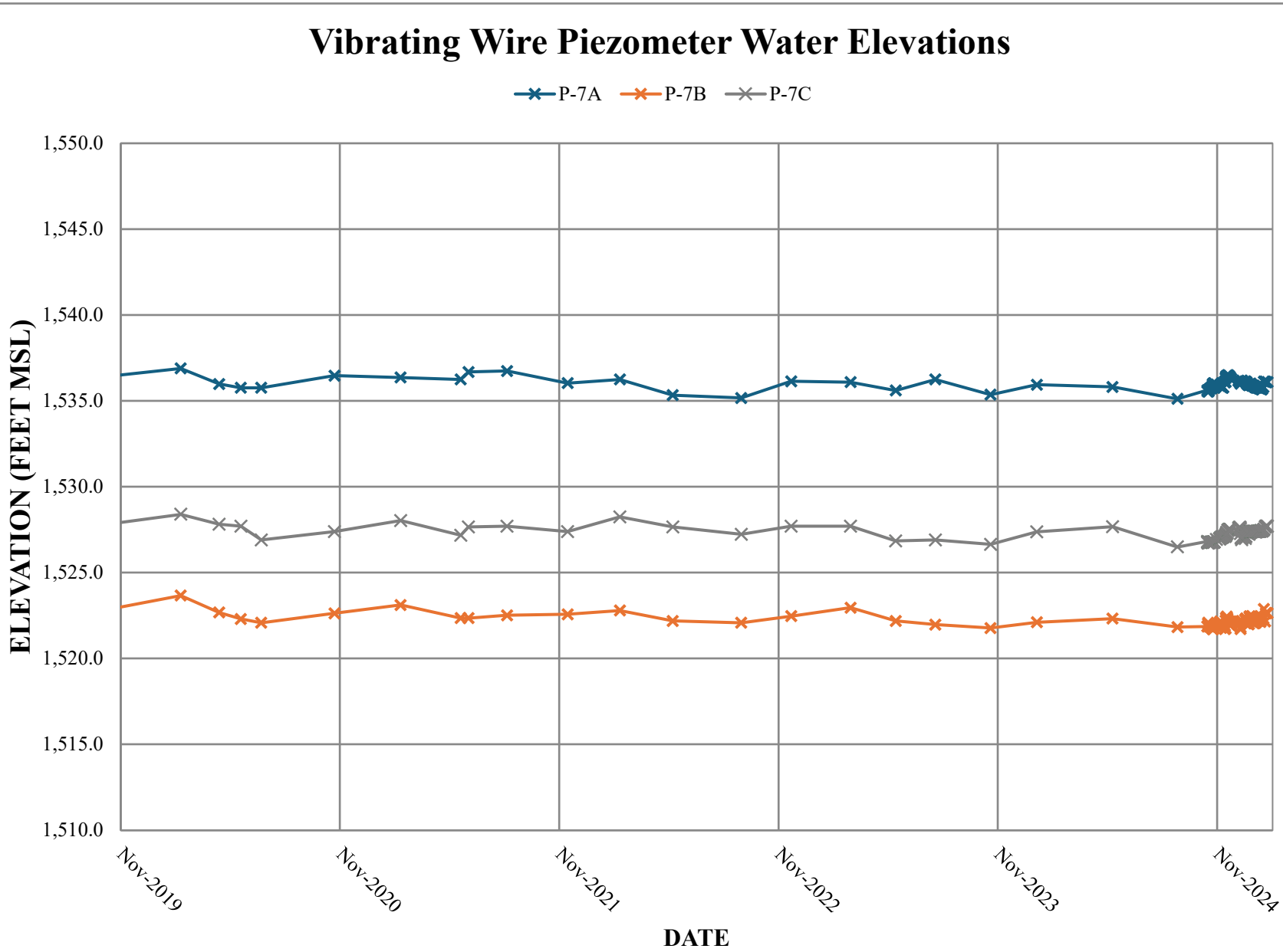


Figure 4. Summary of Vibrating Wire Piezometer Data, P-7A, B, C (Nov. 2019 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

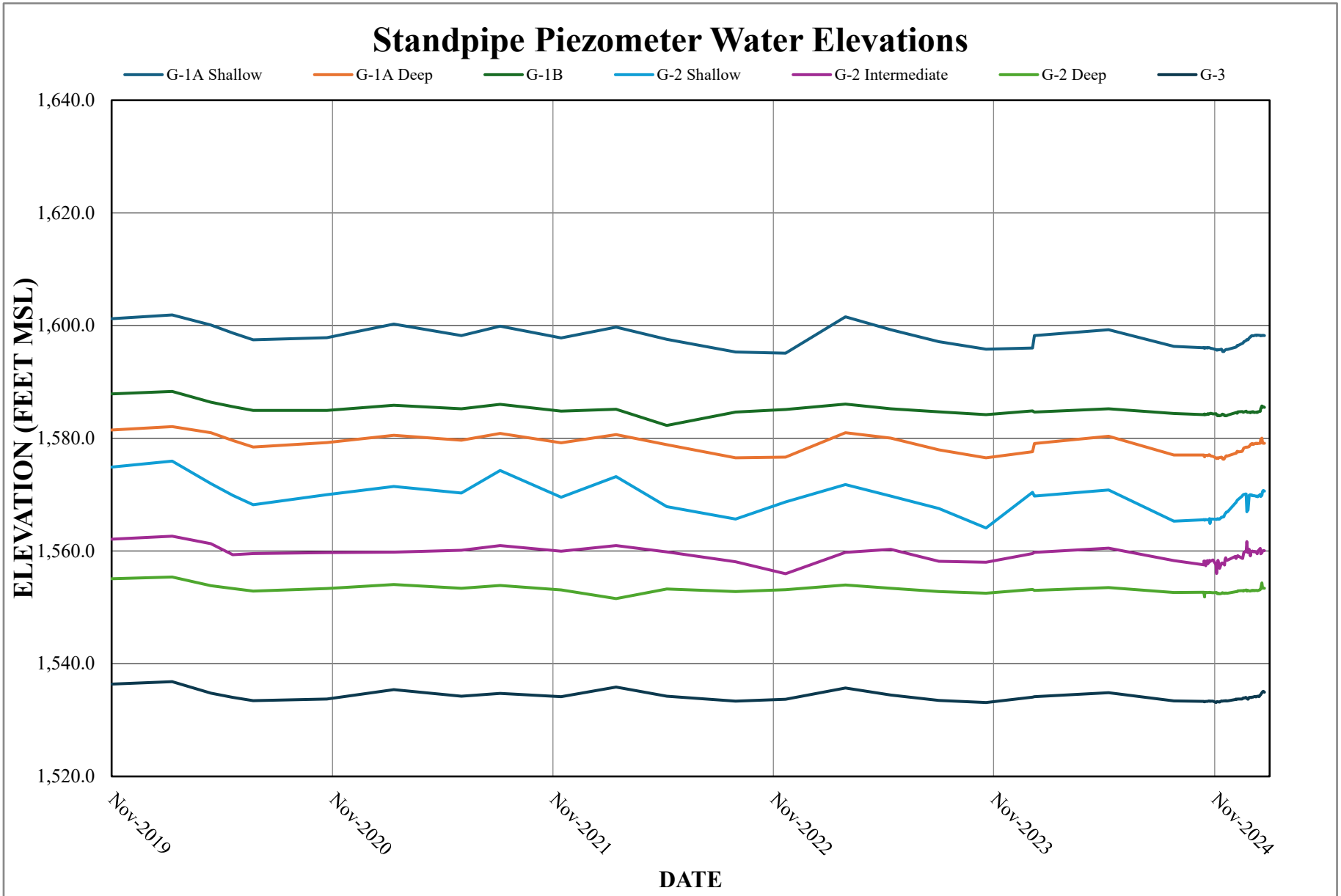


Figure 5. Summary of Standpipe Piezometer Data (Nov. 2019 through Feb. 2025)
Lake Petit Dam, Big Canoe, GA

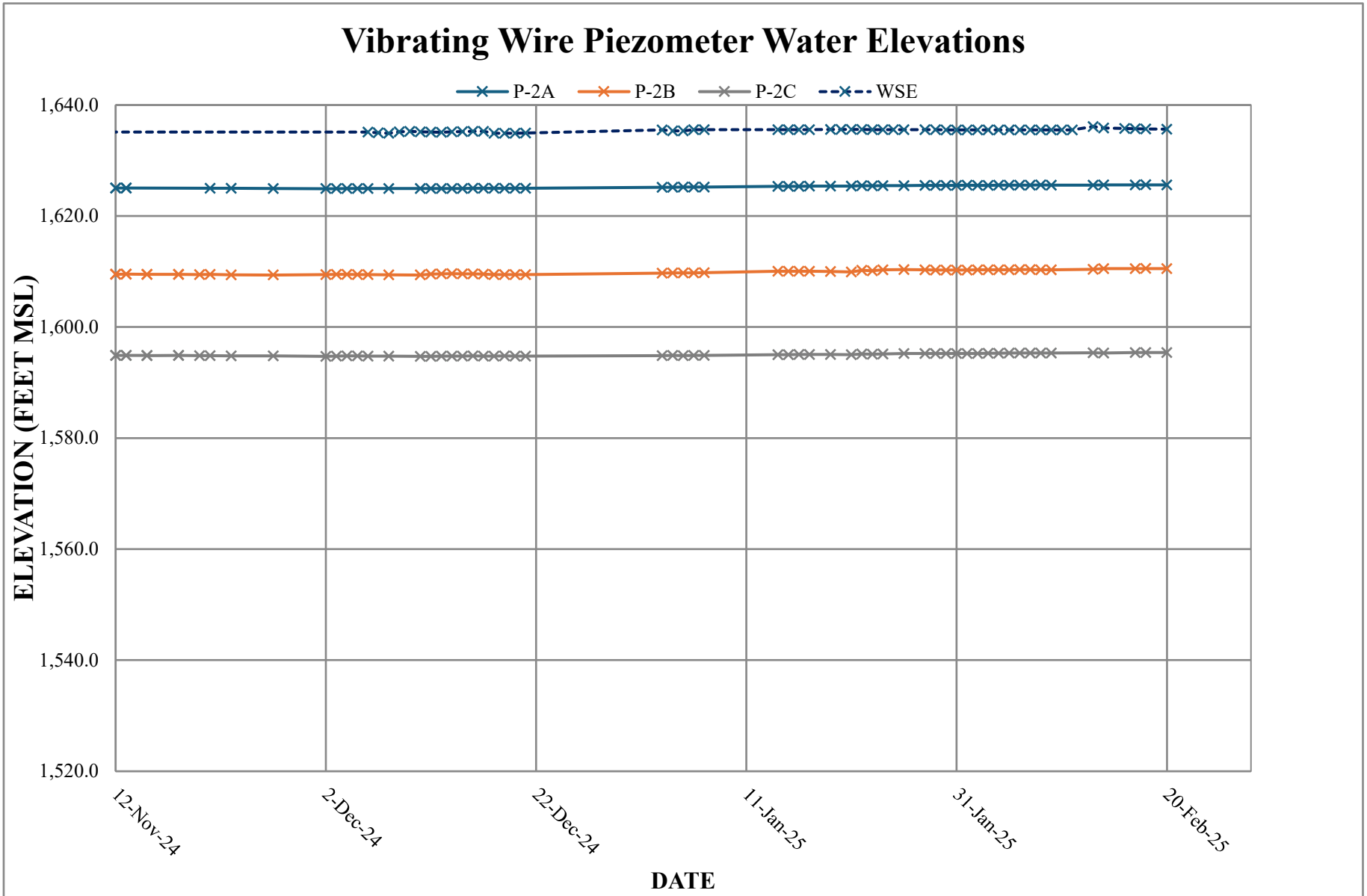


Figure 6. Summary of Vibrating Wire Piezometer Data, P-2A, B, C (Nov. 2024 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

WSE data collection began on 06 December 2024. Piezometer and WSE readings were conducted when construction personnel were onsite.

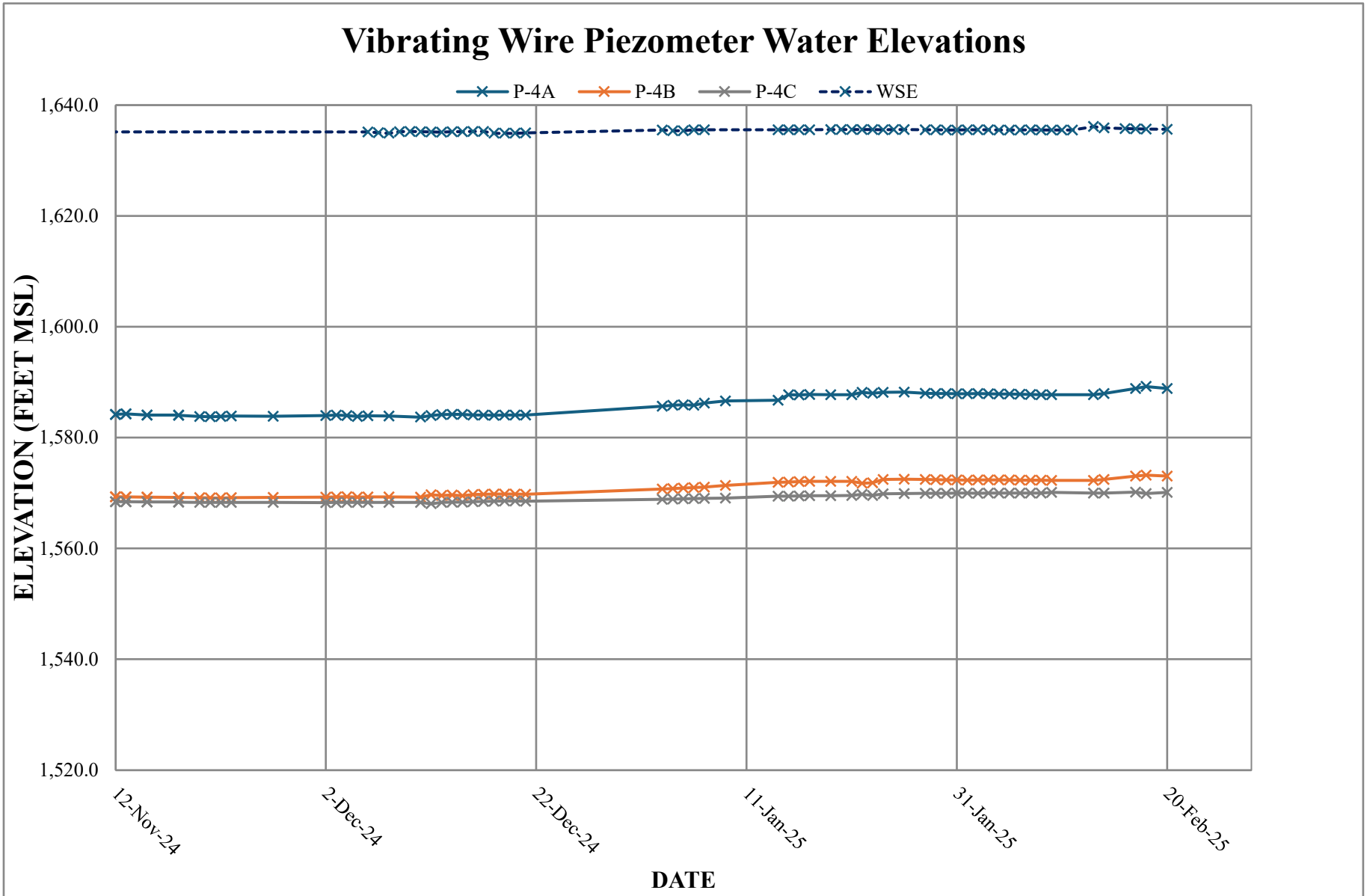


Figure 7. Summary of Vibrating Wire Piezometer Data, P-4A, B, C (Nov. 2024 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

WSE data collection began on 06 December 2024. Piezometer and WSE readings were conducted when construction personnel were onsite.

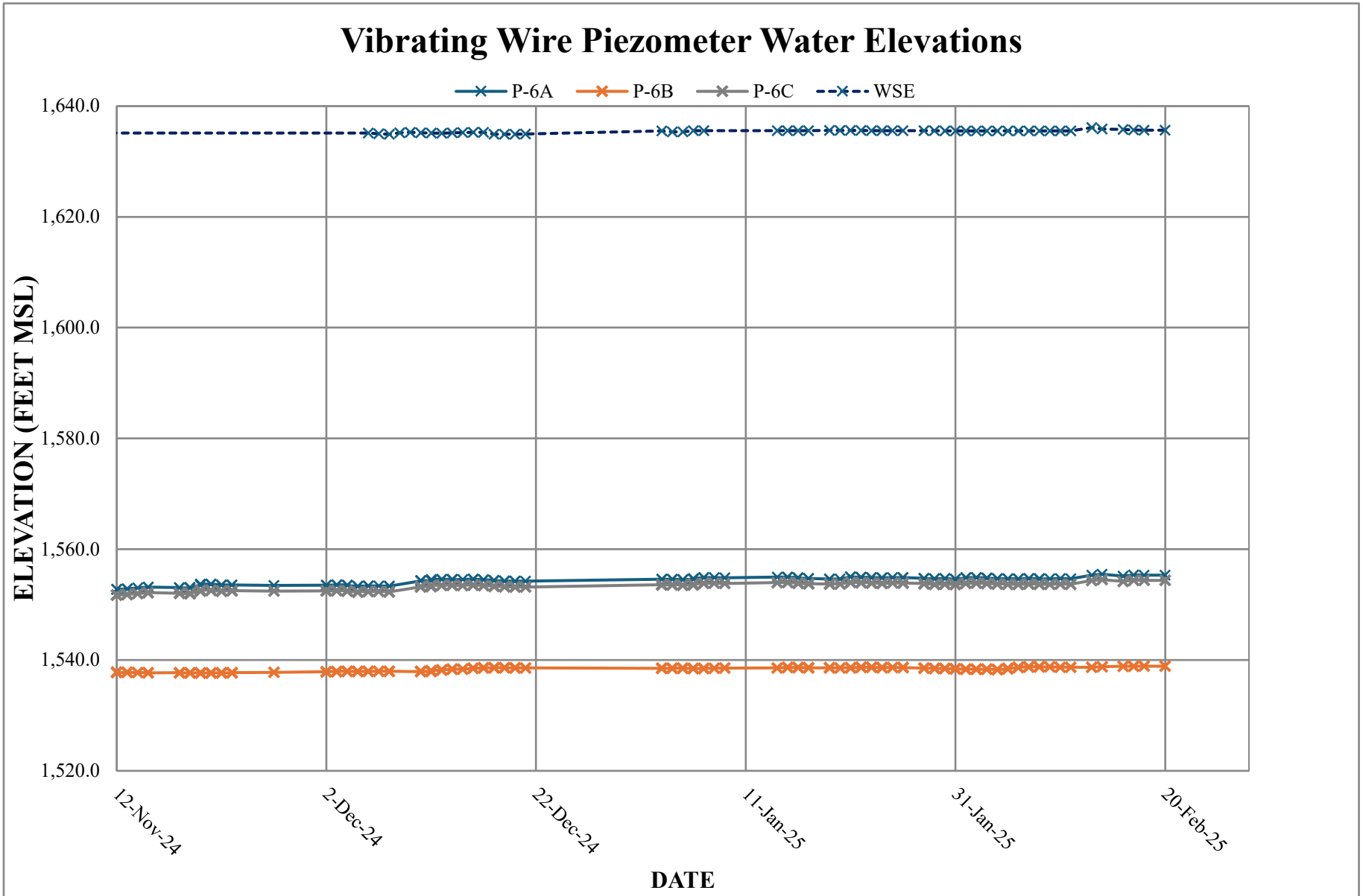


Figure 8. Summary of Vibrating Wire Piezometer Data, P-6A, B, C (Nov. 2024 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

WSE data collection began on 06 December 2024. Piezometer and WSE readings were conducted when construction personnel were onsite.

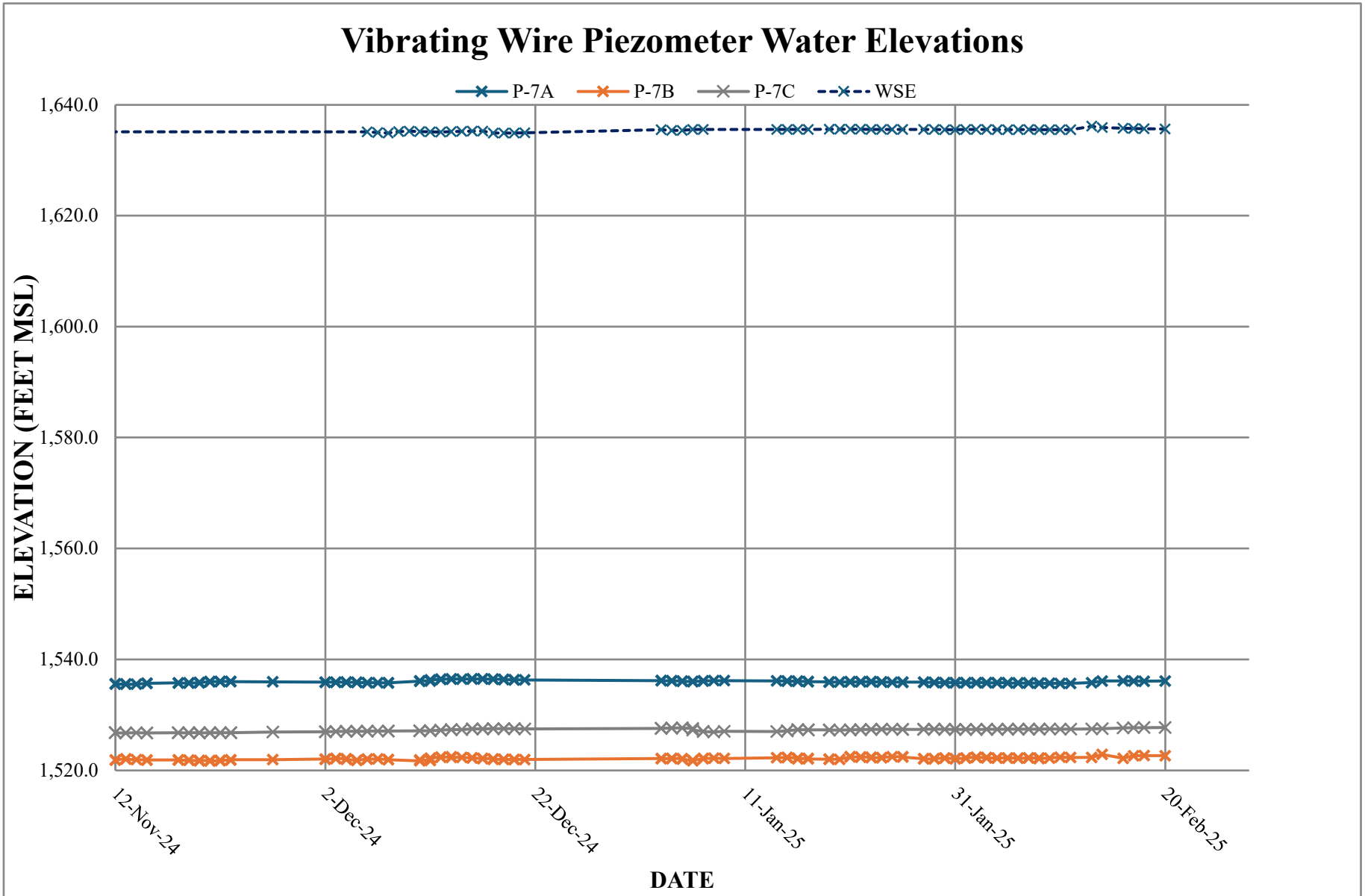


Figure 9. Summary of Vibrating Wire Piezometer Data, P-7A, B, C (Nov. 2024 through Feb. 2025) Lake Petit Dam, Big Canoe, GA

WSE data collection began on 06 December 2024. Piezometer and WSE readings were conducted when construction personnel were onsite.

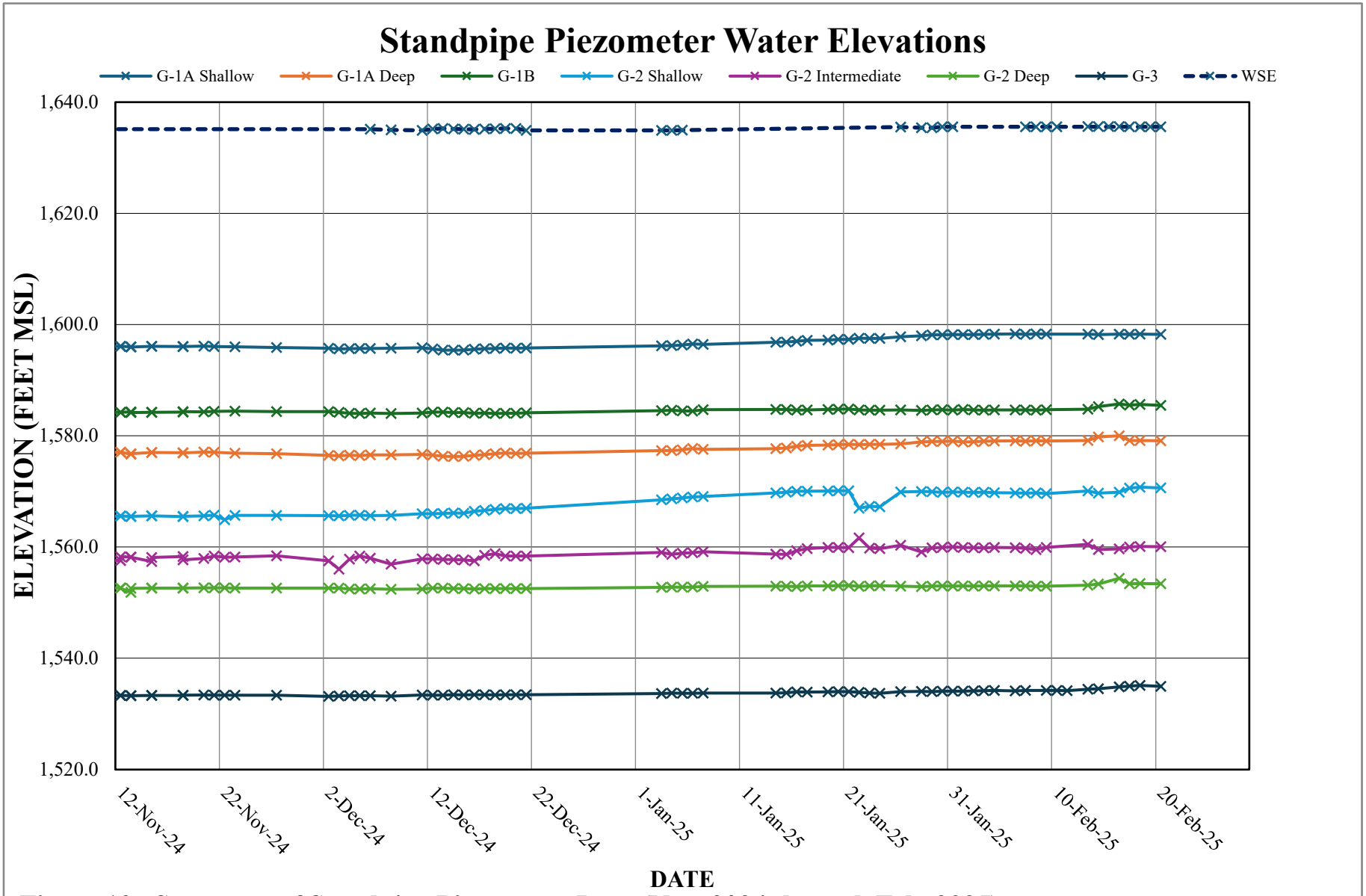


Figure 10. Summary of Standpipe Piezometer Data (Nov. 2024 through Feb. 2025)
Lake Petit Dam, Big Canoe, GA

WSE data collection began on 06 December 2024. Piezometer and WSE readings were conducted when construction personnel were onsite.