B&B Engineers & Geologists of new york, p.c.

an affiliate of Geosyntec Consultants

Moench Tanning
Cattaraugus County
Gowanda, New York

PERIODIC REVIEW REPORT

NYSDEC Site Number: 905004

Prepared for:
Caleres, Inc.
265 Palmer Street
Gowanda, New York, 14070

Prepared by:
B&B Engineers & Geologists of New York, P.C.
P.O. Box 351
Ransomville, New York 14131

Integral Engineering, P.C.
31 W 34th St. Suite 7196
New York, New York 10001-3009

January 2025

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PROFESSIONAL ENGINEERING CERTIFICATION STATEMENT

"*For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:*

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site management plan for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the Site is compliant with the environmental easement;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program; and
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Susan B. Welt, of Integral Engineering, P.C., am certifying as Caleres' Designated Site Representative for the Moench Tanning Site (Site Number #905004).

NAME: Susan B. Welt

Susan B. Welt, P.E.

DATE: 29 January 2025

EXECUTIVE SUMMARY

The Moench Tanning Site, located at 265 Palmer Street in Gowanda, New York (the "Site") is currently in the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program (Site No. 905004), which is administered by New York State Department of Environmental Conservation (NYSDEC), as a Class 4 Site. A Class 4 Site means the property has been properly closed but requires continued site management consisting of operation, maintenance, and monitoring.

A Site Management Plan (SMP) was developed in July 2019 as required under the Administrative Order on Consent (the Consent Order) entered in September 2019 between the NYSDEC and Caleres, Inc. (Caleres). The SMP was prepared to clearly identify Caleres's remaining post-closure obligations at the Site, as required by the Consent Order. The SMP specified the monitoring, performance of periodic inspections, and submission of an annual Periodic Review Report (PRR). Negotiations between Caleres and NYSDEC on a revised SMP[1], submitted in October 2022, and revised Order on Consent are ongoing at the time of the submittal of this PRR.

This PRR summarizes and evaluates the performance, effectiveness, and protectiveness of the Engineering Controls (ECs) and Institutional Controls (ICs) established for the Site for the twelve-month period January 2024 through December 2024. The annual Site inspection was conducted on 28 September 2024 in accordance with the requirements outlined in the revised SMP. Caleres has maintained the Site's cover system in good condition with successful revegetation and no visible evidence of a breach. Erosion control measures installed along the Splinter Creek bank are similarly in good condition with no visible evidence of bank seeps. In accordance with the revised SMP, since groundwater samples were collected from the four overburden wells (MW-3D, MW-4SR, MW-5, and MW-6) in October 2023, no groundwater samples were collected in 2024; only static water levels were measured.

Based upon the results of the inspections and monitoring, all ICs and ECs appear to be functioning as intended and designed and remain in place as specified in the revised SMP with no off-Site migration of constituents occurring.

[1] Although not signed yet, the revised SMP was approved by NYSDEC as stated in an email between Gregory Scholand (NYSDEC) and Peter Trimarchi (Reed Smith) on November 28, 2022.

1. INTRODUCTION

This Periodic Review Report (PRR) is a required element of the Administrative Order on Consent entered into between the New York State Department of Environmental Conservation (NYSDEC) and Caleres, Inc. (Caleres) dated 13 September 2019 (the "Consent Order"; NYSDEC, 2019) for the Moench Tanning Site located at 265 Palmer Street in Gowanda, New York (hereinafter referred to as the "Site"; **Figure 1**). The Site, categorized as a NYSDEC Class 4 Site, is currently in the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program (Site No. 905004), which is administered by NYSDEC. A Class 4 Site means the property has been properly closed but requires continued Site management consisting of operation, maintenance, and monitoring.

This PRR was prepared by B&B Engineers & Geologists of New York, P.C. (B&B), an affiliate of Geosyntec Consultants, Inc. (hereinafter referred to as Geosyntec) and Integral Engineering, PC (Integral), both licensed to provide geology and engineering consulting services in New York State. Geosyntec and Integral have prepared this PRR on behalf of Caleres, to summarize and evaluate the performance, effectiveness, and protectiveness of the engineering controls (ECs) and institutional controls (ICs) established for the Site for the twelve-month period including January through December 2024.

1.1 Site Location and Description

The Site is located partly in the Village of Gowanda and the Town of Collins, Cattaraugus County, New York and is identified as Tax Map Numbers 17.029-1-4, 16.036-3-30, 16.036-3-41 and 16.002-4-31 (**Figure 1**). The Site is a 25.87-acre area, which includes the approved landfill cover system and surrounding support areas and is bounded by steeply sloped wooded areas to the west and south, a swampy area to the northwest, and Cattaraugus Creek and Splinter Creek to the east (**Figure 2**).

1.2 Site History, Investigation and Remedial Activities

Moench Tanning Company, a division of Brown Shoe Company, Inc. (now Caleres), was a leather tanning facility, located just north of the landfill at 265 Palmer Street, which was in operation for approximately 120 years. Moench Tanning Company operated the Site from 1900 until 1983. From 1990 to 1992, Caleres voluntarily closed the Site as a hazardous waste landfill under the requirements of 6 NYCRR Part 373 under NYSDEC oversight. The NYSDEC accepted Caleres's certification that the Site had been closed in accordance with the NYSDEC's approved Closure Plan in October 1992. In 1993, NYSDEC gave its final approval for a Post-Closure Plan (PCP), establishing the post-closure obligations applicable to the Site. The PCP was amended, with NYSDEC's approval, in 1994, 2001, and 2006. Between 1992 and 2019, Caleres voluntarily implemented the PCP, as amended, to the NYSDEC's satisfaction without being under an Administrative Order on Consent or subject to a permit.

In September 2019, Caleres entered into the Consent Order with NYSDEC for the Site and a SMP was developed in July 2019. The SMP was prepared to clearly identify Caleres's remaining post-closure obligations at the Site. The SMP specified the monitoring, performance of periodic inspections, and submission of an annual PRR. Negotiations between Caleres and NYSDEC on a

revised SMP (B&B, 2022)[2], submitted in October 2022, and revised Order on Consent are ongoing at the time of the submittal of this report.

Conditions at the Site have remained consistent over the 32 years since closure. Caleres has maintained the Site's cover system in good condition with successful revegetation and no visible evidence of a breach. Erosion control measures installed along the Splinter Creek bank are similarly in good condition with no visible evidence of bank seeps. Monitoring of groundwater wells in overburden indicate steady-state Site conditions.

1.3 Objectives of the Periodic Review

The objectives of the PRR in accordance with the revised SMP include providing:

- A summary of activities conducted at the Site as required in the revised SMP.
- Results of the required annual Site inspections and severe condition inspections, if applicable.
- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.
- Groundwater data summary tables and graphical representations of contaminants of concern, which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These include a presentation of past data as part of an evaluation of contaminant concentration trends.
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period.
- Results of the Site evaluation, which includes the following:
    - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Groundwater Monitoring and Sampling Plan set forth in the SMP,
    - Recommendations regarding any necessary changes to the Groundwater Monitoring and Sampling Plan, and
    - Trends in contaminant levels in groundwater to determine if the SMP continues to be effective.

[2] Although not signed yet, the revised SMP was approved by NYSDEC as stated in an email between Gregory Scholand (NYSDEC) and Peter Trimarchi (Reed Smith) on November 28, 2022.

2. INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION PLAN COMPLIANCE

Since remaining waste material exists at the Site, ICs and ECs are required to protect human health and the environment. The intent of this section is to provide a description of the IC/ECs in place for the Site, the objective and status of each IC/EC, as well as to provide a mechanism used to monitor and enforce each IC/EC. The IC boundary is presented in **Figure 2**.

As summarized below, based upon the results of the inspections and monitoring, all ICs and ECs appear to be functioning as intended and designed and remain in place as specified in the revised SMP with no off-Site migration of constituents occurring. A copy of the NYSDEC IC/EC form is included in **Appendix A**.

2.1 Institutional Controls

The following ICs are required by the Consent Order to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the Site to commercial, industrial or passive recreational uses as approved by the NYSDEC and New York State Department of Health (NYSDOH).

- The property may be used for commercial, industrial, or passive recreational uses;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cattaraugus Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Groundwater monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; and
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated.

All ICs have been maintained during the reporting period.

2.2 Engineering Controls

Exposure to remaining contamination at the Site is prevented by

- a cover system placed over the Site; and
- preventative erosion control measures along the oxbow portion of Splinter Creek and along the northern bank of the landfill adjacent to Cattaraugus Creek near and over bank seeps 1, 2, and 3 and as such these bank seeps are no longer accessible (**Figure 2**).

The cover system is comprised of 24-inches of a barrier layer (i.e., low permeability soil layer at a maximum permeability of 1 x 10^{-7} cm/s) and a 12-inch topsoil layer over which vegetation grows. The erosion controls consist of a geomembrane liner anchored in-place over which rip-rap was placed.

To ensure this cover system and erosion controls are maintained, annual inspections of the landfill are conducted by Caleres personnel. Further, in the unlikely event the cover system is breached, penetrated, or temporarily removed, and any underlying remaining contamination is disturbed, the invasive activities will be conducted in accordance with the Excavation Work Plan prepared for the Site and included as Appendix C of the revised SMP.

The cover system and erosion controls were maintained, and no invasive activities occurred during this reporting period.

3. MONITORING PLAN COMPLIANCE

This section of the PRR provides a summary of the components of the monitoring plan specified in the revised SMP and includes a statement regarding compliance with the components of the monitoring plan.

3.1 Monitoring Requirements

The monitoring requirements for the PRR include:

- Compliance with all ICs, including Site usage;
- An evaluation of the conditions and effectiveness of established ECs;
- General Site conditions at the time of inspection;
- Maintenance activities to Site features;
- Documentation of materials disposed off-Site; and
- Climate Change Vulnerability Assessment.

3.2 Site Inspections

Caleres personnel completed the required Site-wide annual inspection on 28 September 2024, which included visual inspections of:

- the soil cover and two erosion control measures along the Splinter Creek bank (**Figure 2**);
- the integrity of structures (if any); drainage ditches; overall adequacy of surface runoff collection system (gas venting system, access roads, gates, and fences, groundwater monitoring system; and
- the landfill for visible debris, litter, and waste; and loss of vegetative cover or growth of undesirable species.

The inspection form and photolog is presented in **Appendix B**.

Based on the findings of the IC/EC inspection,

- all institutional and engineering controls appear to be functioning as intended and designed, and remain in-place as specified in the revised SMP; and
- no bank seep breakthrough was occurring.

All IC/EC inspection components were listed as acceptable and functioning as intended and designed with no visual evidence of stress or a release.

3.3 Maintenance Activities

The Site remedy relies on the integrity of the cover system and erosion control measures, which requires routine maintenance and measures to address unplanned events (i.e., contingency planning). The Site inspection checklist included a list of maintenance activities that occurred to meet the

revised SMP requirements. Such activities, which occurred in August and September 2024 are documented in **Appendix B**, and include:

- Mowing the vegetation cover; and
- Cutting down tall weeds.

3.4 Materials Disposal Off-Site

No materials were disposed off-Site during the annual report period.

4. GROUNDWATER MONITORING

In accordance with the revised SMP, groundwater monitoring is performed as follows:

- Collect groundwater samples at the following frequencies and from the listed wells for analysis of volatile organic compounds (VOCs), soluble chromium, soluble arsenic, and soluble lead.
    - Every two (2) years collect samples from on-Site overburden monitoring wells MW-3D, MW-4SR, and MW-6 (MW-5 will not be sampled as it continues to be dry) (events will happen in odd numbered years; next event to happen in 2025).
    - Every four (4) years collect samples from on-Site bedrock wells MW-3DR and MW-6D (next event will happen in 2025).
- Every two (2) years collect groundwater elevation level measurements from monitoring wells and piezometers during the sampling events (events will happen in even numbered years; next event to happen in 2024).
- No bank seep samples will be collected now that the erosion control measures are in place unless visible discharging from the bank during these routine monitoring is observed.

Locations of these monitoring points are presented in **Figure 2**.

In accordance with the revised SMP, since groundwater samples were collected from the four overburden wells (MW-3D, MW-4SR, MW-5, and MW-6) in October 2023, no groundwater samples were collected in 2024; only static water levels were measured.

4.1 Summary of 2024 Groundwater Monitoring Activities

Static water level elevations were measured in October 2024; these results are presented in **Table 1**.

4.2 Trend Analyses

A trend analysis of the groundwater elevations and concentrations of volatile organic compounds (VOCs) and metals have been developed using the most recent data.

4.2.1 Groundwater Elevation

A trend analysis of groundwater elevations is presented in **Appendix C**. As shown, the 2024 groundwater elevations were consistent with recent historical elevations.

4.2.2 Trends in Contaminant Levels

Since no analytical data was collected in 2024, no new trend analyses for VOCs and metals were developed. A detailed description of the most recent (2023) groundwater sampling event and results were provided in the 2023 PRR (B&B, 2024). Historical trends for total VOCs and soluble metals (i.e., arsenic, chromium, and lead) were presented in Appendix F and G, respectively, of the 2023 PRR and summarized below.

4.2.2.1 Volatile Organic Compounds

- Total VOC concentrations in the
    - shallow and deep overburden have shown a decreasing trend; and

- bedrock groundwater has fluctuated but remained low (non-detect to 0.08 milligram per Liter [mg/L]) since April 2018.

- Concentration spikes are attributed to acetone detections.

4.2.2.2 Soluble Metals

- Lead concentrations in the
  - shallow and deep overburden groundwater remained consistently below the class GA standard (0.025 mg/L).
  - bedrock groundwater have decreased with no detections greater than the reporting limit (0.001 mg/L since 2001.
- Arsenic is naturally occurring and not associated with the Site. Arsenic concentrations in the
  - shallow overburden groundwater have fluctuated. A maximum detection of arsenic (0.069 mg/L) occurred in 2015 and has since trended downward to just above the arsenic class GA water quality standard (0.025 mg/L).
  - deep overburden groundwater have been sporadic and typically were less than half its class GA water quality standard.
  - bedrock groundwater have decreased with no exceedance of its class GA water quality standard since 1989.
- Chromium concentrations in the
  - shallow overburden groundwater have fluctuated and remained below its class GA water quality standard of 0.05 mg/L since 1999.
  - deep overburden and bedrock groundwaters have consistently not been detected above the reporting limit since 2001.

5. SITE MANAGEMENT PLAN COMPLIANCE

All requirements of the revised SMP, including Section 6.2-Green Remediation Evaluation, have been complied with for the reporting period. Results of the Site inspection and groundwater monitoring indicate that the Site ICs/ECs continue to be effective. Efforts to comply with the intent of NYSDEC's DER-31 Green Remediation included:

- use of local (within 15-miles of the Site) Caleres and Geosyntec personnel to complete inspections, maintenance, and sampling activities;
- minimizing site mowing and snowplowing activities to the extent practicable;
- conducting multiple site activities on the same day to minimize the number of individual site visits; and
- using battery powered equipment to the extent possible to minimize the use of a fossil fuel powered equipment during sampling and other site activities.

5.1 Recommended Changes to the Site Management Plan

No changes to the revised SMP are proposed based on the results of the 2024 SMP activities.

6. PLANNED ACTIVITIES FOR 2025

The following activities are planned for 2025 in accordance with the revised SMP.

- Collect samples from on-Site overburden monitoring wells MW-3D, MW-4SR, and MW-6 (MW-5 will not be sampled as it continues to be dry).
- Collect samples from on-Site bedrock wells MW-3DR and MW 6D.
- Conduct an annual Site inspection, typically completed in September/October.
- Conduct maintenance activities, as needed throughout the year.

7. REFERENCES

B&B, 2022. Moench Tanning Site Management Plan. NYSDEC Site Number: 905004. October.

B&B, 2024. Moench Tanning Periodic Review Report. NYSDEC Site Number: 905004. January 30.

NYSDEC, 2019. Order on Consent and Administrative Settlement. Index No.: R9-20110203-167. Moench Tanning. DEC registry Site No.: 905004. September.

NYSDEC, 2022. Scholand, Gregory personal communication to Peter Trimarchi (Reed Smith) on reduced sampling frequency at the Moench Tanning Site. October 7.

NYSDEC, 2022. Scholand, Gregory personal communication to Peter Trimarchi (Reed Smith) on SMP approval for the Moench Tanning Site. November 28.

TABLES

Table 1
Groundwater Elevation Measurements
October 2024
Palmer Landfill
Gowanda, New York

Monitoring Point	Elevation Top of PVC (FT AMSL)	Total Depth from Top of PVC (FT)	2024 Water Depth from Top of PVC (FT)	2024 Water Elevation (FT AMSL)
Monitoring Wells				
MW-1	826.05	31.90	5.00	821.05
MW-1D	827.82	188.20	36.5	791.32
MW-2A	810.62	16.15	3.50	807.12
MW-3	810.81	17.10	15.41	795.40
MW-3D	810.73	67.70	15.75	794.98
MW-3DR	810.47	102.30	14.22	796.25
MW-4SR	806.75	24.92	13.25	793.50
MW-4D	805.93	74.94	11.80	794.13
MW-5	805.35	18.15	DRY	DRY
MW-6	800.48	18.78	16.80	783.68
MW-6D	800.63	37.03	18.80	781.83
MW-7	800.50	30.60	4.30	796.20
MW-7D	800.39	41.90	4.00	796.39
MW-8	821.82	15.96	DRY	DRY
MW-8D	821.89	126.80	23.80	798.09
Piezometers				
P-1	811.85	18.30	18.20	DRY
P-4	813.54	19.70	DRY	DRY
P-6D	810.30	61.25	18.30	792.00
P-7A	816.92	23.90	19.60	797.32
WP-1	822.16	11.71	7.70	814.46

Notes:

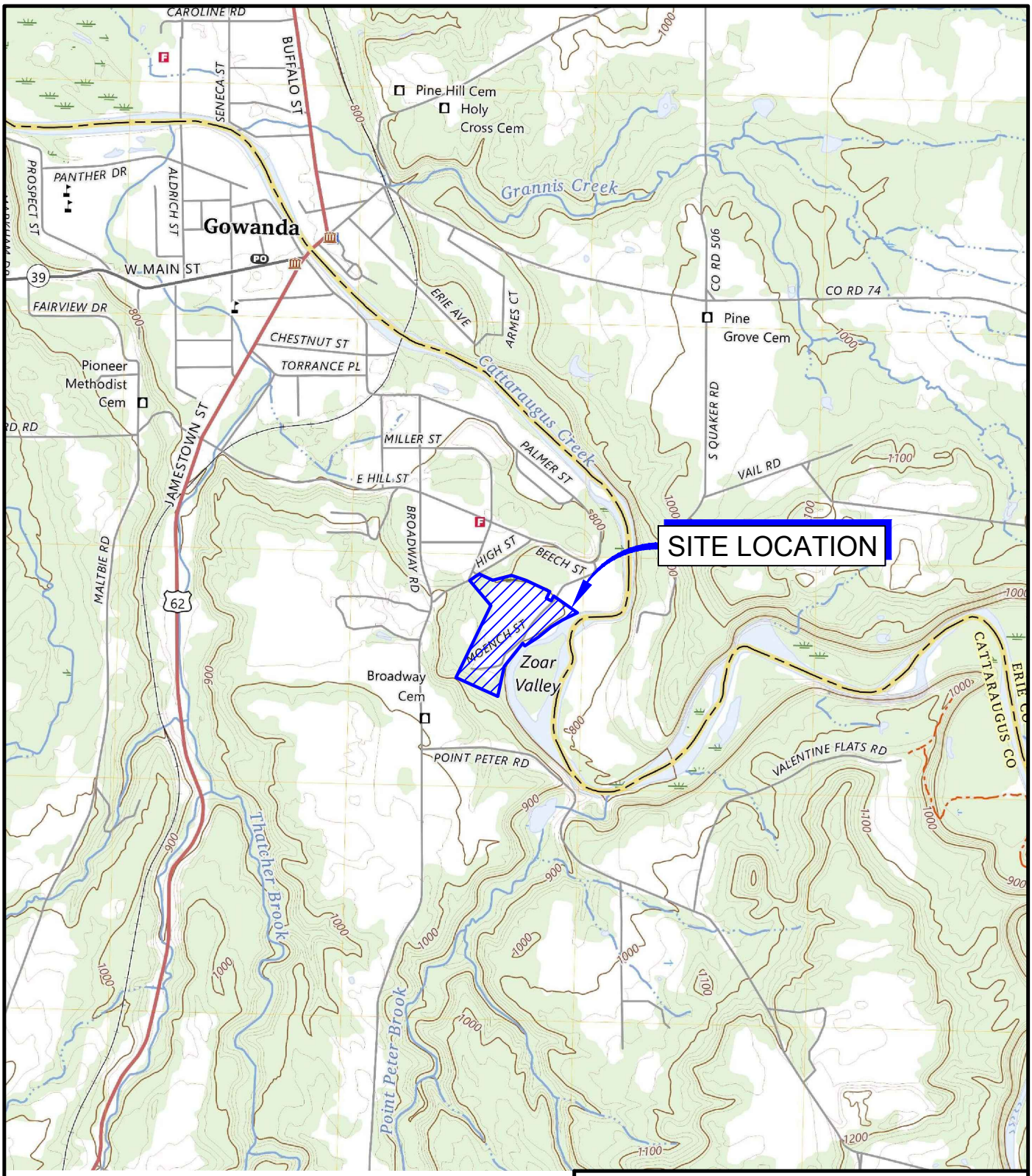
1. Depth to water measurements taken on 4 October 2024.

DRY = Groundwater not detected in monitoring well riser.

FT AMSL = Feet above mean sea level

FT = Feet

FIGURES



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DATA SOURCE:
USGS QUAD MAP; GOWANDA, NY, 2023.

N

0 2,000

SCALE IN FEET

SITE LOCATION

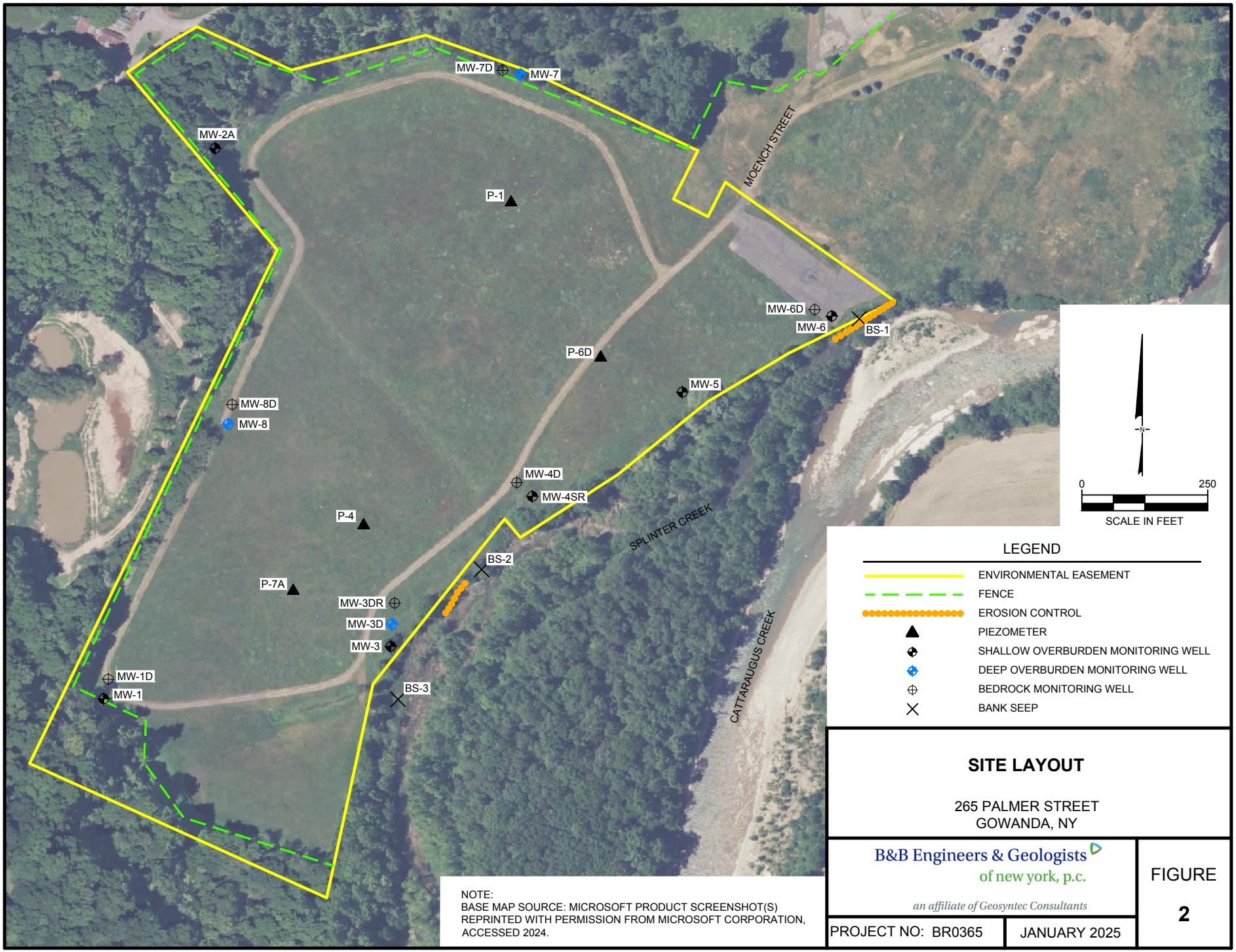
265 PALMER STREET
GOWANDA, NY

B&B Engineers & Geologists of new york, p.c.

an affiliate of Geosyntec Consultants

FIGURE 1

PROJECT NO: BR0365 | JANUARY 2025



NOTE:
BASE MAP SOURCE: MICROSOFT PRODUCT SCREENSHOT(S) REPRINTED WITH PERMISSION FROM MICROSOFT CORPORATION, ACCESSED 2024.

SITE LAYOUT

265 PALMER STREET
GOWANDA, NY

B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

FIGURE 2

PROJECT NO: BR0365

JANUARY 2025

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APPENDIX A

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

(form not provided in 2024, version attached taken from 2023 PRR)

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 905004

Site Name Moench Tanning

Site Address: 265 Palmer Street Zip Code: 14070
City/Town: Gowanda
County: Cattaraugus
Site Acreage: ~~21.000~~ 25.87

Reporting Period: January 1, 2024 thru December 31, 2024

	YES	NO
1. Is the information above correct?	☐	☒
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Closed Landfill	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 905004 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
17.029-1-4	MOENCH TANNING CO. INC.	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
17.029-1-4	Cover System Fencing/Access Control Erosion Control

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. 905004

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Susan B Welt (print name) at Integral Engineering, P.C. 31 West 34th Street, Ste. 7196, New York, NY 10001 (print business address),

am certifying as Calere's Designated Site Representative for the Moench Tanning Site (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Susan B. Welt

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

29 January 2025
Date

EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Susan B Welt (print name) at Integral Engineering, P.C. 31 West 34th Street, Ste. 7196, New York, NY 10001 (print business address),

am certifying as a for the Caleres' Designated Site Representative (Owner or Remedial Party)

STATE OF NEW YORK
SUSAN BETH WELT
84913
LICENSED PROFESSIONAL ENGINEER

29 January 2025

Signature of , for the Owner or Remedial Party, Rendering Certification

29 January 2025
Date

(Required for PE)

APPENDIX B

SITE INSPECTION FORM

9/28/24

Date:

Inspected By: Michael Best

Site Inspection Checklist
Palmer Landfill
Gowanda, New York

Topic	Condition		Maintenance Performed	Remark (e.g. litter observed)
	Acceptable	Not Acceptable		
1. Vegetation Cover				
a. Landfill Site	X		X	Mowing started September
b. Drainage Ditch	X			
c. Seeding	X			
d. Fertilizing	X			
e. Topsoil replaced				
f. Removal of Undesired Vegetation	X		X	trimmed weeds around wells
2. Integrity of Drainage Ditches				
a. Sediment Build-up	X			
b. Pooling or Ponding	X			
c. Slope Intergrity	X			
d.Overall adequacy	X			
e.Anti-erosion Matting				
f. Lining				
g. Excavation				
h. Landfill Cap Replacement				
i. Fill				
j. Regrading				
k. Vegetative Cover Placement				
l. Stone Lining Replacement				
3. Integrity of Gas Vents				
a. Excavation				
b. Gravel Fill				
c. Vent Pipe	X			
d. Screen	X			
e. Cover	X			
4. Condition of Access Road				
a. Road Condition	X		X	cleared some fallen tree branches offroad
b. Gates/Locks	X			
c. Fill				
d. Grading	X			
e. Signs				
5. Integrity of Groundwater Monitoring Wells				
a. Drilling				
b. Screening	X			
c. Casing	X		X	repainted numbers on wells
d. Pipe	X			
e. Fill/Grout	X			
f. Cap	X			
6. Integrity of Landfill Cap				
a. Erosion Damage	X			
b. Leachate Breakthrough	X			
c. Settlement	X			
d. Cracking	X			
e. Excavation				
f. Cover	X			
g. Compaction				
h. Testing				
i. Grading	X			
j. Vegetation Cover	X			
7. Integrity of Erosion Control Measures - Contact Engineer of Record if Maintenance is Required				
a. Rip-Rap/Geomembrane	X			
b. Bank Seep Breakthrough				
c. Take Photo of Erosion Control Measures	X			

Photographic Record

Client: Caleres, Inc. **Project Number:** BR0365

Site Name: Palmer Landfill **Location:** Gowanda, NY

Photograph 1:

Date: 09/28/2024

Direction: East

Comments:
South (BS-2) erosion control measure

Photograph 2:

Date: 09/28/2024

Direction: East

Comments:
South (BS-2) erosion control measure

Photographic Record

Client: Caleres, Inc. **Project Number:** BR0365

Site Name: Palmer Landfill **Location:** Gowanda, NY

Photograph 3:

Date: 09/28/2024

Direction: East

Comments:
South (BS-2) erosion control measure

Photograph 4:

Date: 09/28/2024

Direction: East

Comments:
South (BS-2) erosion control measure

Photographic Record			
Client:	Caleres, Inc.	**Project Number:**	BR0365
Site Name:	Palmer Landfill	**Location:**	Gowanda, NY

Photograph 5: **Date:** 09/28/2024 **Direction:** Southeast **Comments:** North (BS-1) erosion control measure	
Photograph 6: **Date:** 09/28/2024 **Direction:** Southeast **Comments:** North (BS-1) erosion control measure	

Photographic Record			
Client:	Caleres, Inc.	**Project Number:**	BR0365
Site Name:	Palmer Landfill	**Location:**	Gowanda, NY

Photograph 7:

Date: 09/28/2024

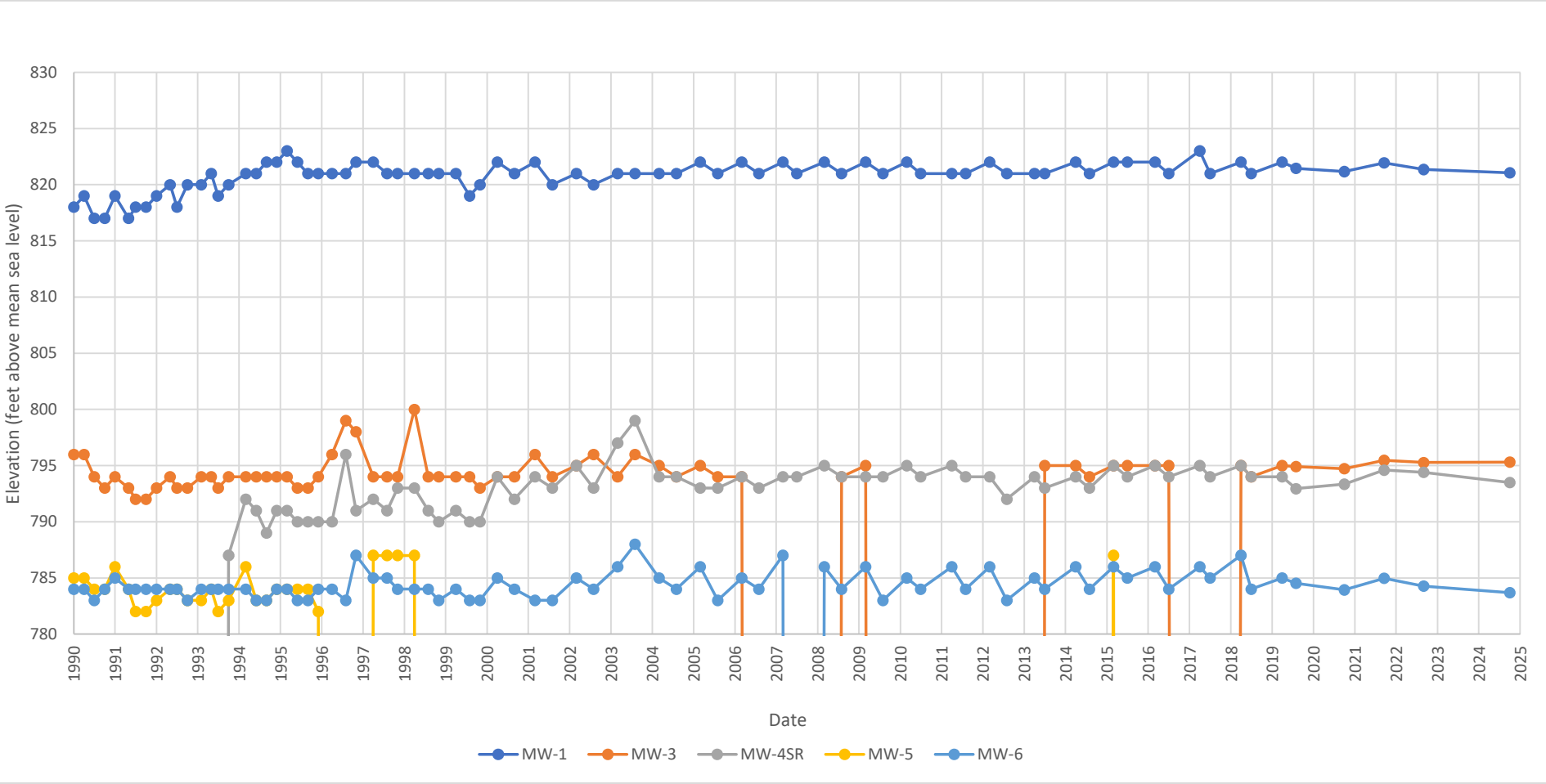
Direction: Southeast

Comments:
North (BS-1) erosion control measure

APPENDIX C

GROUNDWATER ELEVATION TRENDS

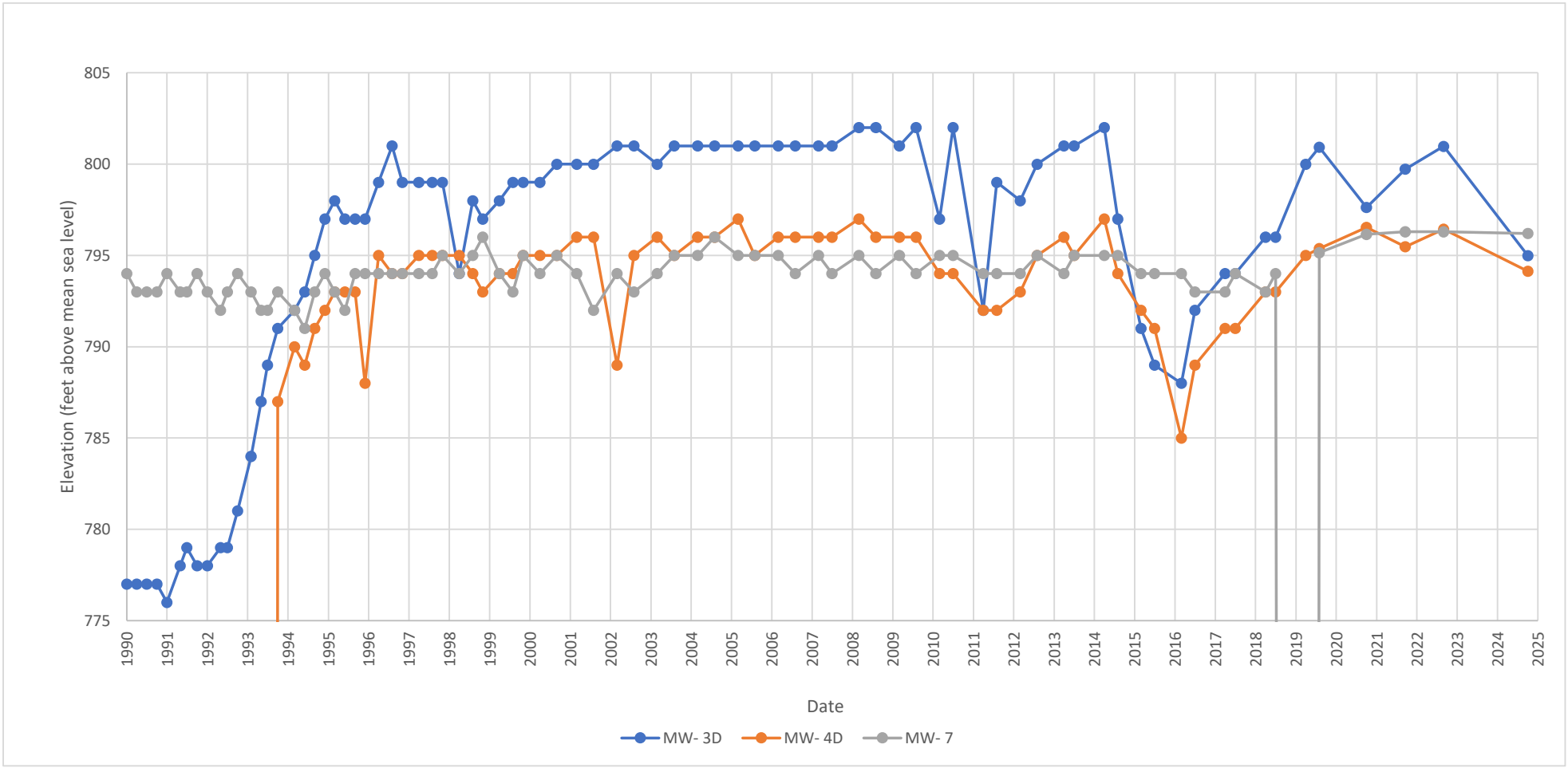
Appendix D-1
Trend in Groundwater Elevations
Shallow Overburden
Palmer Landfill
Gowanda, New York



Notes:

Time between vertical lines indicate when wells were dry or not able to be measured.

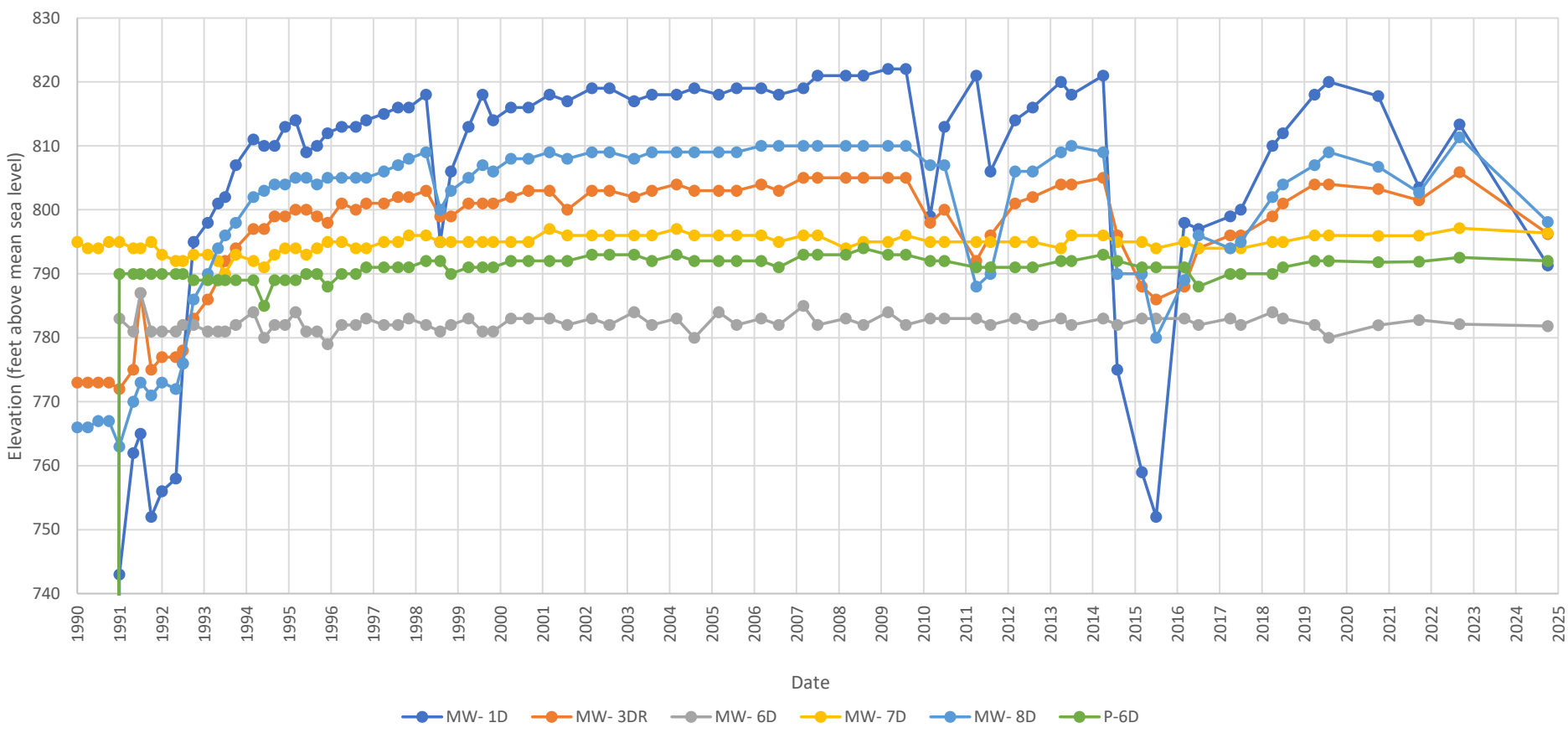
Appendix D-2
Trend in Groundwater Elevations
Deep Overburden
Palmer Landfill
Gowanda, New York



Notes:

Time between vertical lines indicate when wells were dry or not able to be measured.

Appendix D-3
Trend in Groundwater Elevations
Bedrock
Palmer Landfill
Gowanda, New York



Notes:

Time between vertical lines indicate when wells were dry or not able to be measured.