

Richard E. Dunn, Director

Land Protection Branch

2 Martin Luther King, Jr. Drive Suite 1054, East Tower Atlanta, Georgia 30334 404-657-8600

October 27, 2022

Mr. Daniel F. Dooley c/o Liberty Harbor Georgia, LLC Morris Anderson 55 West Monroe Street, Suite 2500 Chicago, IL 60603

RE: Brownfield Environmental Covenant – Monitoring and Maintenance Plan Liberty Harbor Property – Middle Tract Central Parcel 101 Conservation Way, Brunswick, Glynn County, Georgia

Dear Mr. Dooley:

The Georgia Environmental Protection Division (EPD) received the draft Monitoring and Maintenance Plan (Plan) prepared by Montrose Environmental. The Plan is a required element of the Environmental Covenant and compliance with the Type 5 risk reduction standard across the Middle Tract Central Parcel (4.60 acres) of the larger Liberty Harbor Property (110 acres).

We have completed our review of the Plan and hereby approve it for implementation. The approved version shall be specified by the date of the Plan, which is October 2022. A copy of the approved Plan is attached for reference.

According to the Plan, the first annual inspection is to be conducted prior to June 30, 2023 and the report submitted to EPD within 60 days of the inspection. We look forward to receiving your report.

Sincerely.

Shannon Ridley

Brownfield Coordinator

If you have questions, or need further assistance, please contact Kent Pierce at 470-524-0356.

Attachment: Approved Monitoring and Maintenance Plan, October 2022 (21 pages)

cc: Ed Schwartz, Sweetnam, Schuster & Schwartz Aaron Williams, Montrose Environmental

File: Liberty Harbor Property

October 2022

Prepared for:
Liberty Harbor Georgia, LLC
MorrisAnderson
55 West Monroe Street, Suite 2500
Chicago, IL 60603

MONITORING AND MAINTENANCE PLAN
Middle Tract Central Parcel
Liberty Harbor
Brunswick, Georgia



MONITORING AND MAINTENANCE PLAN Middle Tract Central Parcel Liberty Harbor Brunswick, Georgia

Prepared For:
Liberty Harbor Georgia, LLC
MorrisAnderson
55 West Monroe Street, Suite 2500
Chicago, IL 60603

Prepared By:



400 Northridge Road, Suite 400 Sandy Springs, GA 30350 Tel: 404-315-9113



TABLE OF CONTENTS

1	INTRODUCTION				
	1.1	Overview	1		
	1.2	Background	1		
2	Engineering Controls				
	2.1	Electrical Transformer Substations	3		
		2.1.1 Overview	3		
		2.1.2 Engineering Controls	3		
		2.1.3 Signage			
	2.2				
		2.2.1 Overview	3		
		2.2.2 Engineering Controls	3		
		2.2.3 Signage			
3	Annı	UAL INSPECTION AND MAINTENANCE	5		
4	REPORTING				
5	Refe	ERENCES	7		



FIGURES

Figure 1.1 Site and Middle Tract Location
Figure 1.2 Middle Tract Central Parcel
Figure 2.1 Middle Tract Central Parcel Type 5 RRS Areas

APPENDICES

Appendix A Middle Tract Survey and Legal Descriptions

Appendix B Signage for Restriction Areas

Appendix C Type 5 RRS Inspection Log and Maintenance Record Log



1 Introduction

1.1 Overview

The Property owner is responsible for compliance with all aspects of this Monitoring and Maintenance Plan ("MMP"), and they shall ensure that it is implemented in a timely manner. The MMP may be revised or amended with EPD's written approval.

This document establishes an MMP for the Middle Tract Central parcel of the 110.5-acre Liberty Harbor Site ("Site") located in Brunswick, Glynn County, Georgia. The MMP applies to three isolated soil conditions under a non-residential Type 5 Risk Reduction Standard ("RRS") identified as the Restricted Use Zone ("RUZ"). The Middle Tract Central parcel, as defined in the Compliance Status Report Addendum No. 4 Middle Tract (Montrose, 2022), is a 6.4-acre subparcel of the Site's Middle Tract, a larger 16.09-acre parcel centrally located on the 110.5-acre Site (Figure 1.1). The Middle Tract Central parcel comprises the footprint of the existing manufacturing buildings identified as Building 1 and Building 4 and areas adjoining these buildings including two attached outbuildings and infrastructure (Figure 1.2) A survey and legal description of the Middle Tract Central parcel are provided in Appendix A.

This MMP is designed to provide long-term protection of human health and the environment through the application of institutional and engineering controls for contaminated soil isolated beneath the concrete foundations of Building 1 and Building 4 and within two fenced electrical transformer substations adjacent to the south side of Building 1. For the purpose of this MMP, the engineering controls for the RUZ include the concrete foundations of two small outbuildings attached to the north side of Building 1 and within a fenced material laydown yard at the east end of Building 1 and Building 4. The institutional control is in the form of a Uniform Environmental Covenant ("UEC") recorded with the deed of the property to convey the requirements of the RUZ. The UEC restricts the use of the Middle Tract Central parcel by owners and tenants to non-residential purposes. Furthermore, the UEC prohibits actions that are inconsistent with the described engineering controls of the RUZ (all controls currently exist), and the engineering controls will be maintained by periodic inspection. Lastly, signage installed at each engineering control area is maintained as described in this MMP.

1.2 Background

The Middle Track is currently under lease and used as a manufacturing facility. The Middle Tract has been subject to several investigation phases and remedial actions from 1992 to 2022 to mitigate localized soil above the Site's RRS in accordance with the Site's approved corrective action plan (Premier, 2005) and corrective action plan addendum (Montrose 2022). In 2014, a Middle Tract soil assessment was performed to address potential data gaps identified during a comprehensive review



of Site reports and data records (EPS, 2013). In 2015, further assessment was completed beneath the Middle Tract buildings (*i.e.*, beneath the concrete foundations) to investigate the underlying soil condition. The 2014 and 2015 soil assessments identified metals and polychlorinated biphenyls ("PCBs") above Site RRS and four areas were determined to require corrective action (EPS, 2014). Corrective action to address accessible soil above the Site RRS in four Middle Tract areas was completed in 2015 with excavation and off-Site disposal. Soil determined to be inaccessible and therefore not removed in 2015 included soil beneath the facility's concrete foundation and soil near high-voltage utility structures (two fenced transformer substations, soil adjacent to an active utility pole, and soil adjacent to underground power lines).

In June 2022, an additional assessment of the Middle Track soil was performed following a decision to sub-parcel the area to maximize land reuse potential. The Middle Tract was separated into three smaller parcels termed the Middle Tract North, Middle Tract Central, and Middle Tract South parcels (Figure 1.2). The Middle Tract sub-parcel design was purposefully organized to achieve compliance with residential Type 1 and Type 2 RRS on the Middle Tract North and Middle Tract South parcels while pursuing a non-residential Type 5 RRS on the Middle Tract Central parcel for soil isolated beneath the active manufacturing facility and within two fenced electrical transformer substations.

In late July and early August 2022, corrective action for the Middle Tract North parcel and the Middle Tract South parcel was completed as outlined in the *Corrective Action Plan Addendum for the Middle Tract* (Montrose, 2022). All soil identified above Site RRS on the Middle Tract North parcel was excavated and disposed of off-Site. On the Middle Tract South parcel, previously inaccessible soil adjacent to an active utility pole and soil adjacent to an underground power line was excavated and disposed of off-Site during a temporary de-energizing of the utilities. Following the 2022 corrective action, the Middle Tract North parcel and the Middle Tract South parcel soil are in compliance with the Site's residential Type 1 and Type 2 RRS. The Middle Tract Central parcel is in compliance with the Type 5 RRS for non-residential use. The soil within the Middle Tract Central parcel's two fenced transformer substations and the Building 1 and Building 4 manufacturing area (concrete cover and security fencing) and two small attached outbuildings is physically isolated and will remain protected in accordance with this MMP.



2 ENGINEERING CONTROLS

2.1 Electrical Transformer Substations

2.1.1 Overview

Two active electrical transformer substations exist along the southern exterior wall of Building 1 (Figure 2.1). Each transformer substation comprises three ground-level mounted transformers placed on a small concrete pad with the remaining interior surface comprised of gravel and earth. Security fencing with high-voltage warning signage surrounds each transformer substation.

2.1.2 Engineering Controls

Each transformer is enclosed on three sides with chain-link security fencing with the fourth side abutting Building 1. A single locked gate controls access to each substation. The security fencing is to be maintained as the engineering control.

2.1.3 Signage

Signage affixed to the entrance of each transformer substation informs potential entrants to contact the Property Manager or the Georgia Environmental Protection Division before completing any activity that may disturb soil in the substation. The location of each sign is shown in Figure 2.1. The content of the signage is provided in Appendix B.

2.2 Manufacturing Area Soil

2.2.1 Overview

The RRS for lead and chromium is exceeded in one continuous region beneath the eastern half of Building 1 and all of Building 4 (Figure 2.1). Also included in the RUZ, because of the soil condition, are two adjoining areas along the northside of Building 1, *i.e.*, the soil beneath the foundations of two small attached outbuildings, and the soil beneath a fenced laydown yard east of Building 1 and Building 4. Since the buildings are actively used for heavy equipment manufacturing by a tenant and no direct contact with the soil condition beneath the concrete is currently feasible, the soil impacts are to be managed in place.

2.2.2 Engineering Controls

Building 1 and Building 4 are slab-on-grade structures. The foundation of each building is 6 to 8 inches thick based on the coring performed during the August 2015 sub-slab soil assessment. The concrete slab foundation is to be maintained as the engineering control. The management of the



concrete slab for the purpose of the RUZ includes the concrete foundations of the two small attached outbuildings north of Building 1. Additional controls, in the form of security fencing that isolates the laydown yard east of Building 1 and Building 4 is also preserved to manage potential exposure.

2.2.3 Signage

Signage affixed to the perimeter of the sub-slab RUZ and fenced areas informs Site occupants to contact the Property manager or Georgia Environmental Protection Division before completing any activity that may remove, modify, penetrate the concrete foundation, or access impacted subsurface soil. The location of each sign is shown in Figure 2.1. The content of the signage is provided in Appendix B.



3 ANNUAL INSPECTION AND MAINTENANCE

Annual inspections are to be performed each calendar year, documented, and reported to the Property owner and EPD Brownfield Program. The annual inspection must document the condition of the engineering controls and the proper use of the Middle Tract Central parcel. During the inspection, an *Annual Engineering Controls Inspection Log* shall be completed to document that the integrity of the engineering controls is continually maintained and that the Middle Tract Central parcel continues to be used for non-residential purposes. Any observation of required maintenance or repairs of the engineering controls or signage shall be documented on the *Annual Engineering Controls Maintenance and Repair Log*. Blank log forms are included in Appendix C.

The first annual inspection is to be conducted by June 30, 2023, and no two annual inspections may be conducted closer than 10 months apart.



4 REPORTING

The Annual Inspection and Maintenance Report must be submitted to the Property owner within 30 days of completing the inspection and submitted to EPD digitally via the GEOS web portal within 60 days of completing the inspection. The report shall consist of a cover letter, the *Annual Engineering Controls Inspection Log*, and the *Annual Engineering Controls Maintenance and Repair Log (if needed maintenance or repairs were observed)*, which are included in Appendix C. The cover letter to EPD will summarize the inspection activities, and any maintenance or repair work recommended, and will contain the name, mailing address, telephone number, and email address of the Property owner's point of contact for which the report was submitted.

The cover letter is to be addressed to EPD as follows (but submitted digitally via GEOS).

Georgia Environmental Protection Division Land Protection Branch, Brownfield Program 2 Martin Luther King Jr. Drive, Suite 1054-East Atlanta, GA 30334

Upon review of the report, EPD may request an update or notification regarding the completion of any reported need for maintenance or repairs that were observed during the inspection.



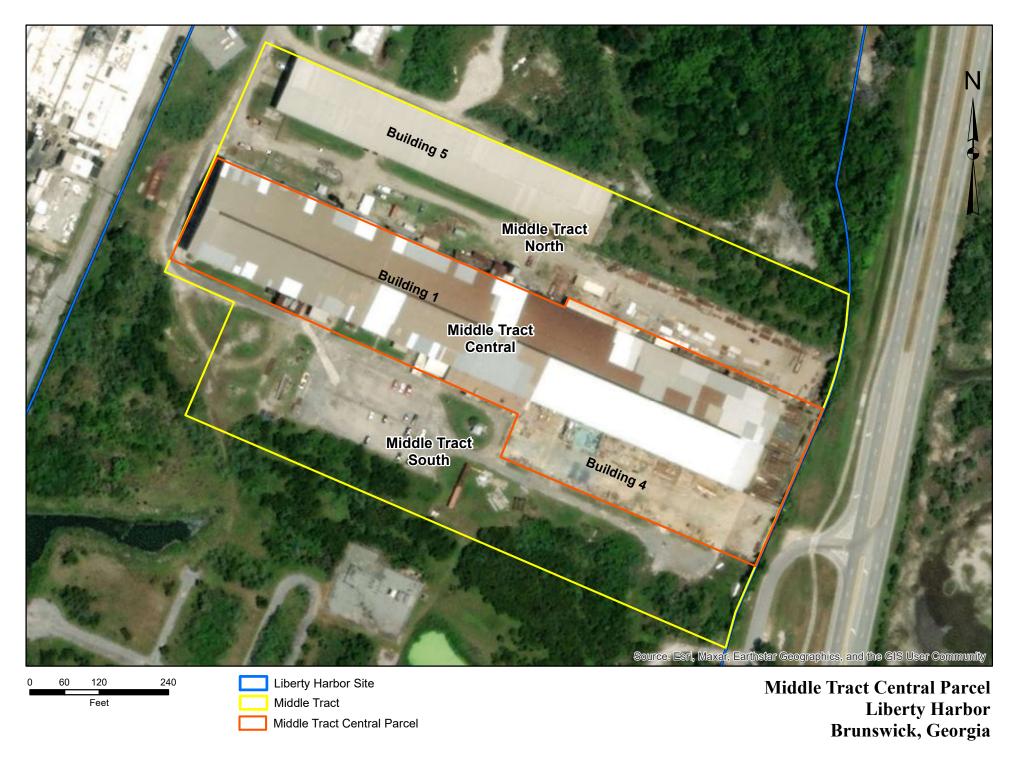
5 REFERENCES

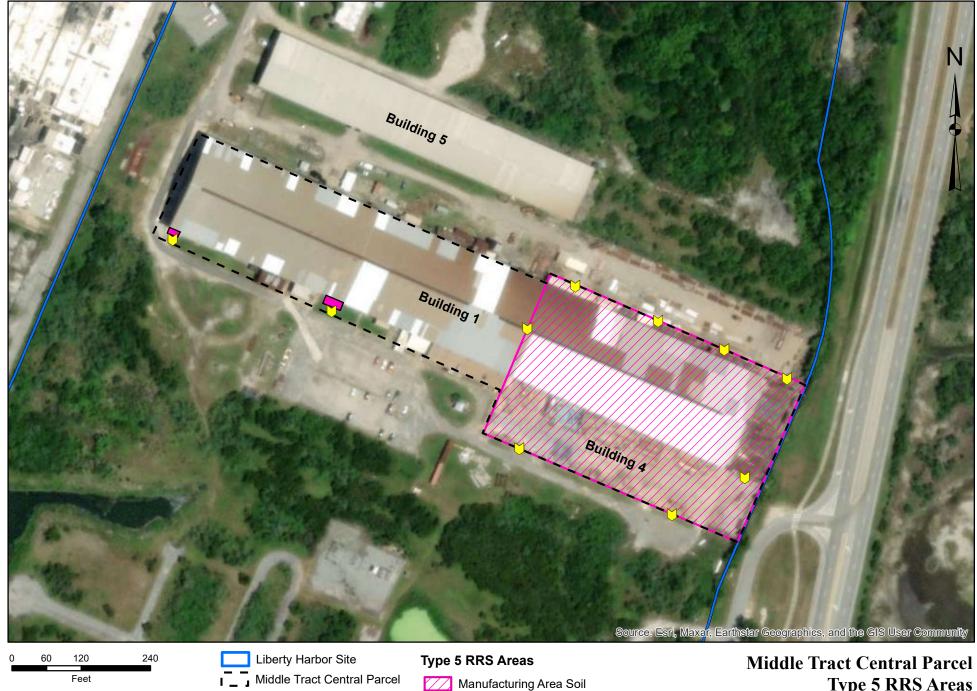
- EPS, 2013. Compliance Status Report Addendum No. 3. Liberty Harbor Site, Brunswick, Georgia. (October 2013).
- EPS, 2014. Data Report for Middle Tract Soil Assessment, Liberty Harbor, Brunswick, Georgia. (May 2014)
- Montrose, 2022 Corrective Action Plan Addendum for the Middle Tract. Liberty Harbor, Brunswick, Georgia. (July 29, 2022)
- Premier, 2005. Application for Limitation of Liability and Corrective Action Plan, Liberty Harbor Site, Brunswick, Georgia. (October 6, 2005)



Figures







Transformer Station (Fenced)

Restriction Signage

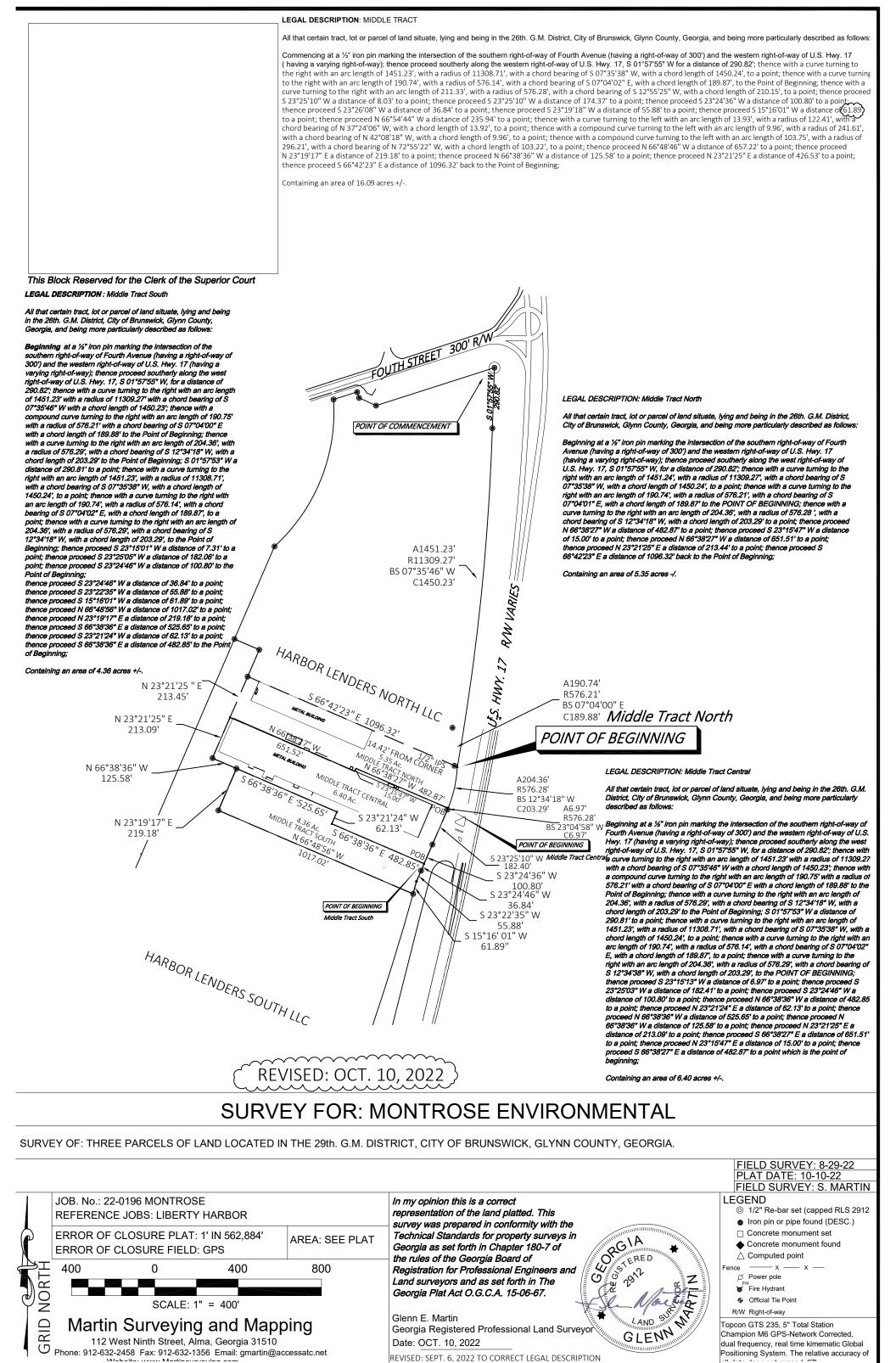


Concrete/Building

Type 5 RRS Areas
Liberty Harbor
Brunswick, Georgia



Appendix A





Appendix B

RESTRICTED AREA

SUB-SURFACE SOIL IS SUBJECT TO
AN ENVIRONMENTAL COVENANT

CONTACT THE PROPERTY MANAGER
PRIOR TO ANY ACTIVITY THAT WILL
EXPOSE OR DISTURB SUB-SURFACE
SOIL IN THIS AREA

Additional information may be obtained by contacting the Georgia Environmental Protection Division's Brownfield Program



Appendix C

Annual Engineering Controls Inspection Log

Middle Tract Central Parcel Liberty Harbor Site 101 Conservation Way, Brunswick, Georgia

Date:			Inspector(
Inspector(s):		_	Phone:				
Signature:		_ _	email:			<u> </u>	
Pre-Inspection Tasks:							
Was maintenance or	repair recommen	ded at the last i	nspection?	Yes / No	Comment:		
If Yes	s, was the recomn	nended action c	ompleted?	Yes / No	Comment:		
Inspection Tasks:							
	Cone	dition ¹				Action ²	
Inspection Task	Present	Not Present	None		M	laintenance/Repair Required	
Transformer Substation -West		_		_			
Fence Maintai	ned						

Signage Maintained Signage properly located Transformer Substation - East Fence Maintained Fence Locked Signage Maintained Signage properly located Manufacturing Area Floor Pavement

- 1. Collect photographic documentation of any condition requiring repair or maintenance and submit with the Annual Inspection and Maintenance Report.
- 2. If maintenance or repair is required complete a Maintenance Record Log.

Fence Maintained
Signage Maintained

Signage properly located

Fence Locked

Annual Engineering Controls Maintenance and Repair Log

Middle Tract Central Parcel Liberty Harbor Site 101 Conservation Way, Brunswick, Georgia

Date:	Inspector(s) Contact Information
Inspector(s):	Phone:
Signature:	email:

Repair/Maintenance Item	Date	Recommended Action