



August 26, 2022

Georgia-Pacific Broadway LLC
Attn: Mr. Michael Moore
1919 South Broadway
Green Bay, WI 54307-9130

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Addendum to the August 19, 2020, Closure Letter
Buth Oil Facility (Former), 1919 South Broadway, Green Bay, WI
DNR BRRTS Activity #: 02-05-563707

Dear Mr. Moore:

On August 19, 2020, the Department of Natural Resources (DNR) issued a case closure letter with continuing obligations (COs) for the site identified above. The COs address potential exposure to petroleum volatile organic compounds and naphthalene (PVOC+N) that remain in soil, groundwater and potentially in subsurface vapor. Changes to the requirements of the attached case closure letter are identified in this addendum, in the Revised Conditions of Closure section, and are issued under Wis. Stat. § 292.12 and Wis. Admin. Code chs. NR 725, 726 and 727, NR 140, and NR 141. This addendum is the approval of the request submitted to the DNR on November 1, 2021, following completion and documentation of actions taken.

The site was formerly operated as Buth Oil facility from approximately the 1930s through the 1950s. According to Sanborn maps, Buth Oil operated bulk aboveground storage tanks in the south-central portion of the site and a filling station in the southwestern portion of the site. Structures for the Buth Oil facility were subsequently removed and the site was acquired by Fort Howard Paper Co. in 1971 and used for paper storage. By the early 1980s, the original asphalt-paved parking lot was constructed on the site. The site is currently part of a large paper mill expansion and will be redeveloped into an industrial building utilized for paper making.

The proposed approach to remove all assigned COs was outlined in a Post-Closure Modification (PCM) request prepared by Dave Henderson of AECOM Technical Solutions, Inc. (AECOM) and received by DNR on November 1, 2021, with the applicable review and database fees. DNR issued a Notice to Proceed (NTP) via email for the PCM request on November 12, 2021. Final PCM documentation also prepared by Dave Henderson of AECOM was received on July 29, 2022.

The approach to remove all the previously assigned COs from the two areas with residual contamination was soil excavation and source area groundwater monitoring completed both before and after the soil excavation in Area 1 and soil excavation in Area 2. As an extra precaution, calcium-peroxide was added to the base of the excavation in Area 1, which was the area with more significant residual soil and groundwater contamination. The delineations of the two excavation areas are outlined on the attached map (Figure 3, Extent of Cap Disturbance Areas, April 20, 2022).

A total of 3,410 tons of soil was removed from Area 1 and a total of 500 tons of soil was removed from Area 2. Soil confirmation sampling results showed no soil contamination remaining above soil standards in both Areas 1 and 2 and post-remedial groundwater sampling in Area 1 showed no detections for PVOC+N.

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Mr. Michael Moore, Georgia-Pacific Broadway LLC
Addendum to the August 19, 2020, Closure Letter
Buth Oil Facility (Former) - BRRTS # 02-05-563707

Revised Conditions of Closure

Based on the recent remedial action and groundwater monitoring data, the previously assigned COs (residual soil and groundwater contamination above standards, cap maintenance required, industrial zoning required and future vapor concerns) have been satisfied as all known petroleum contamination in soil and groundwater has been removed. All continuing obligations included in the attached 2020 case closure letter have been satisfied and are no longer in effect as all known contamination in both soil and groundwater has been remediated.

This closure addendum letter and information submitted with the post-closure modification request will be included in the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW). Find BOTW at dnr.wi.gov, search "BOTW." An online map view of the site can also be found on the RR Sites Map (RRSM) at dnr.wi.gov, search "RRSM."

Thank you for your efforts to protect Wisconsin's environment. If you have any questions regarding this letter, please contact the DNR Project Manager, Keld Lauridsen, at (920) 510-8294 or Keld.Lauridsen@wisconsin.gov.

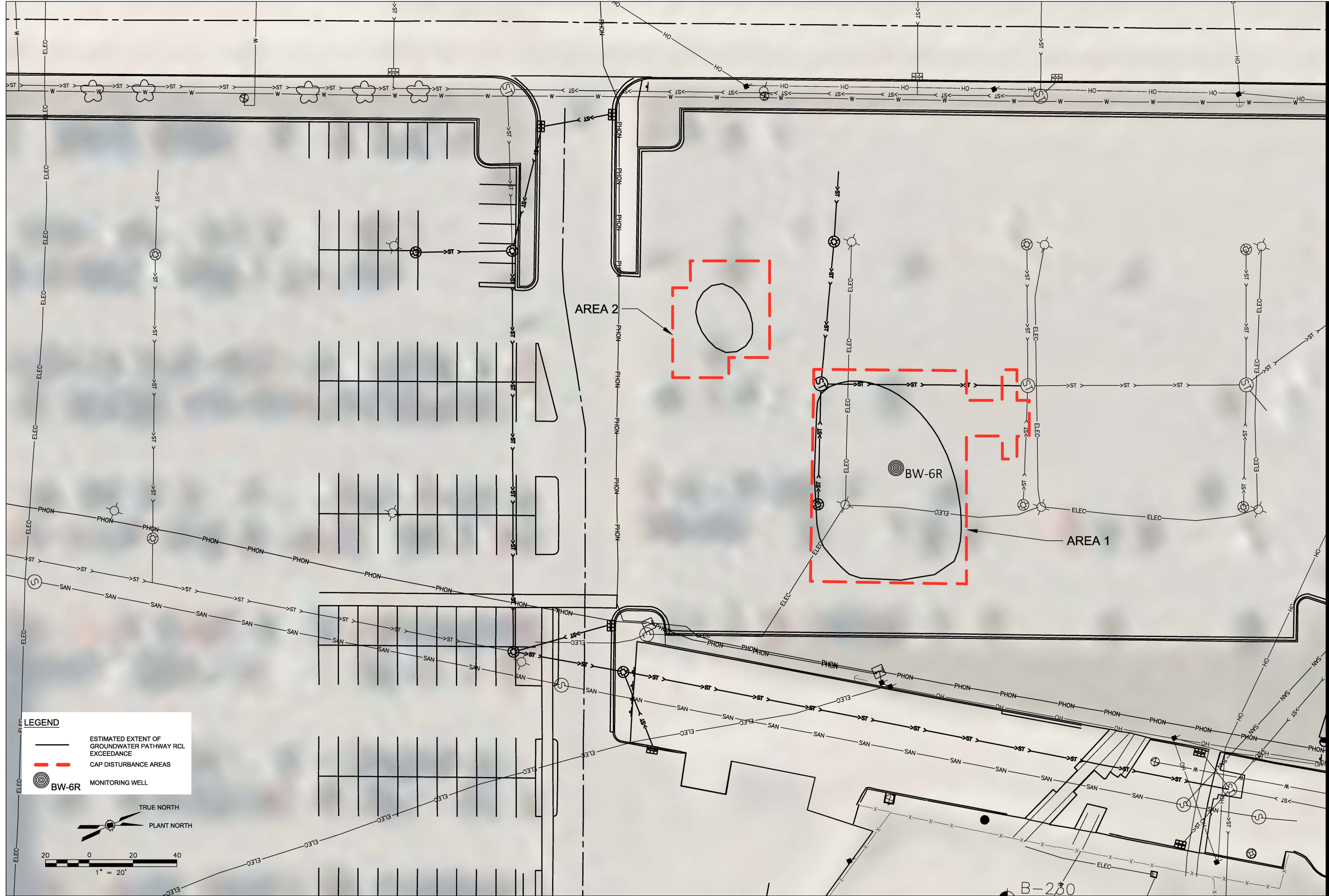
Sincerely,



Trevor Nobile, P.G., CPG
Field Operations Director
Remediation and Redevelopment Program

Attachments: Figure 3, Extent of Cap Disturbance Areas, April 20, 2022
Case closure letter dated August 19, 2020

cc: David Henderson, AECOM (Dave.Henderson@aecom.com)





August 19, 2020

GEORGIA-PACIFIC CONSUMER PRODUCTS
ATT MICHAEL MOORE
1919 SOUTH BROADWAY
GREEN BAY WI 54307

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Buth Oil Facility (Former), 1919 South Broadway, City of Green Bay, WI
DNR BRRTS Activity # 02-05-563707

Dear Mr. Moore:

The Department of Natural Resources (DNR) considers the Buth Oil Facility (Former) contamination case, closed with continuing obligations. The closure applies to Volatile Organic Compounds (VOCs) in soil and groundwater and lead in soil. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Northeast Region (NER) Closure Committee reviewed the request for closure on April 2, 2020. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on June 3, 2020, and documentation that the conditions in that letter were met was received on June 24, 2020.

Currently Georgia-Pacific Consumer Products uses this area for employee parking. The site was formerly used for bulk petroleum storage and as a filling station and contained both Underground Storage Tank (UST) and Aboveground Storage Tank (AST) systems. Petroleum contamination is suspected to have originated as a result of both the UST and AST systems leaking. In 2013, during a geotechnical subsurface investigation in preparation for parking lot reconstruction, petroleum odors were noted in a shallow soil boring. The adjacent parking lot to the south also had known soil and groundwater contamination. It was the site of an auto salvage yard and had a contamination case which closed in 2009 (Wisconsin/Michigan Auto Salvage – BRRTS # 02-05-000627). The surface cover at the site is blacktop. Part of the blacktop is to be maintained as a cap over the remaining contaminated soil to inhibit further groundwater contamination due to infiltration. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.

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Final Case Closure with Continuing Obligations
Buth Oil Facility (Former), BRRTS # 02-05-563707

- The existing blacktop surface must be maintained over contaminated soil and the DNR must be notified and approve any changes to this barrier.
- Industrial soil standards were applied for closure, and industrial zoning is required. Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

The DNR fact sheet “Continuing Obligations for Environmental Protection,” RR-819, helps to explain a property owner’s responsibility for continuing obligations on their property. The fact sheet may be obtained online at dnr.wi.gov and search “RR-819”.

DNR Database

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) online at dnr.wi.gov and search “BOTW”, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, at dnr.wi.gov and search “RRSM”.

The DNR’s approval prior to well construction or reconstruction is required in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program’s regional water supply specialist. This form can be obtained on-line at dnr.wi.gov and search “3300-254”.

All site information is also on file at the Northeast Regional DNR office, at 2984 Shawano Ave, Green Bay, WI 54313. This letter and information that was submitted with your closure request application, including any maintenance plan and maps, can be found as a Portable Document Format (PDF) in BOTW.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where the blacktop pavement is required, as shown on the attached map (Cap Location Map, Figure D.2, December 2017), unless prior written approval has been obtained from the DNR:

- removal of the existing barrier or cover;
- replacement with another barrier or cover;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;
- changing the use or occupancy of the property to a residential exposure setting.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plan are met. If these requirements are not followed, the DNR

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Buth Oil Facility (Former), BRRTS # 02-05-563707

may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
2984 Shawano Avenue
Green Bay, WI 54313

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property, as shown on the attached map (Groundwater Contamination, Figure B.3.b, December 2017). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains near GP-3, GP-6/TW-6, GP-8, GP-12, SZ-4, SZ-11, TW-8 and the East Leg Comp and as indicated on the attached map (Residual Soil Contamination, Figure B.2.b(i), December 2017). If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats., s. NR 726.15, s. NR 727.07 Wis. Adm. Code)

The blacktop pavement that exists in the location shown on the attached map (Cap Location Map, Figure D.2, December 2017), shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of surface water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code.

The cover approved for this closure was designed to be protective for an industrial use setting. Before using the property for residential purposes, you must notify the DNR at least 45 days before taking an action, to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. Before removing or replacing the cover, you must notify the DNR at least 45 days before taking an action. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if the use of the property were to change such that a residential exposure would apply. This may include, but is not limited to, single or multiple family residences, a school, day care, senior center, hospital or similar settings. In addition, a cover or barrier for multi-family residential housing use may not be appropriate for use at a single-family residence.

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The attached maintenance plan and inspection log (DNR form 4400-305) are to be kept up-to-date and on-site. Inspections shall be conducted annually, in accordance with the attached maintenance plan. Submit the inspection log to the DNR only upon request.

Industrial Soil Standards (s. NR 726.15, s. NR 727.07, Wis. Adm. Code)

Soil contamination remains near GP/TW-6 as shown on the attached map (Residual Soil Contamination, Figure B.2.b(i), December 2017). Samples contained benzene, ethylbenzene and naphthalene in concentrations that were above the non-industrial direct contact RCLs but were below the industrial direct contact RCLs.

This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. The property owner shall notify the DNR at least 45 days before changing the use. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Future Concern: Petroleum VOCs remain in soil and groundwater as shown on the attached maps (Residual Soil Contamination, Figure B.2.b(i) December 2017) and (Groundwater Contamination, Figure B.3.b, December 2017), at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Currently the site is a parking lot. Therefore, before a building is constructed the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and the DNR agrees that vapor control technologies are not needed

Other Closure Information

General Wastewater Permits for Construction Related Dewatering Activities

The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at dnr.wi.gov and search "wastewater permits". If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, or

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- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, contact Andy James at (715) 527-0114, or at Andrew.James@wisconsin.gov.

Sincerely,

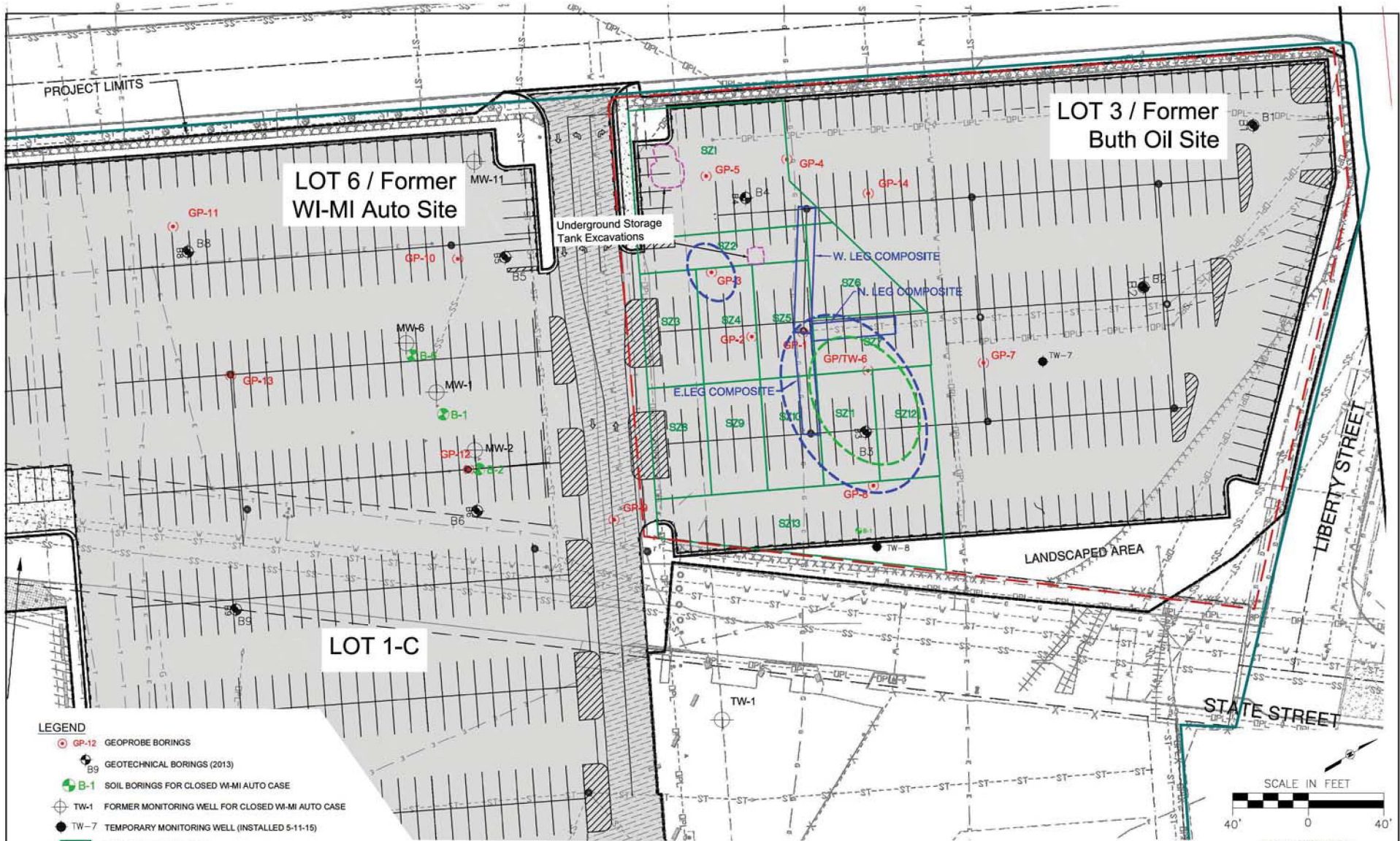


Trevor Nobile, P.G., CPG
Field Operations Director
Remediation & Redevelopment Program

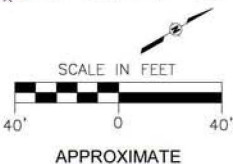
Attachments:

- Groundwater Contamination, Figure B.3.b, December 2017
- Residual Soil Contamination, Figure B.2.b(i), December 2017
- Cap Maintenance Plan, dated May 6, 2020

cc: Roger Miller, GEI Consultants, Inc. (rmiller@geiconsultants.com)



- LEGEND**
- GP-12 GEOPROBE BORINGS
 - B9 GEOTECHNICAL BORINGS (2013)
 - B-1 SOIL BORINGS FOR CLOSED WI-MI AUTO CASE
 - TW-1 FORMER MONITORING WELL FOR CLOSED WI-MI AUTO CASE
 - TW-7 TEMPORARY MONITORING WELL (INSTALLED 5-11-15)
 - SZ8 SOIL MANAGEMENT ZONE
 - APPROXIMATE PROPERTY BOUNDARY
 - FORMER BUTH OIL SITE BOUNDARY
 - ESTIMATED EXTENT OF NON-INDUSTRIAL DIRECT CONTACT RCL EXCEEDANCE
 - ESTIMATED EXTENT OF GROUNDWATER PATHWAY RCL EXCEEDANCE



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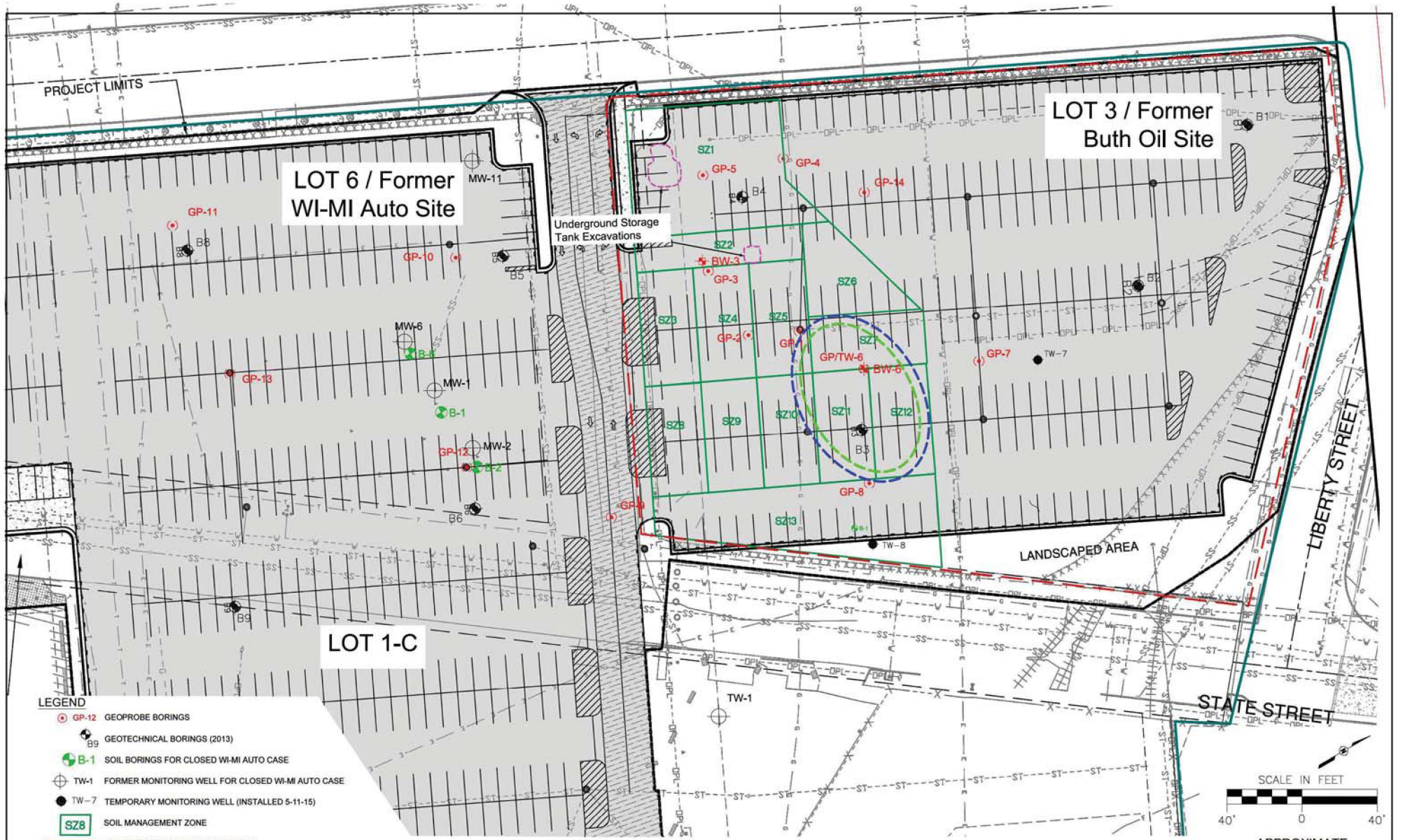
Designed: RAM
 Checked: RAM
 Drawn: T.F.
 Submittal Date: December 2017



GP-BROADWAY MILL PARKING LOT
 GEI Project 1506470

FORMER BUTH OIL CLOSURE REQUEST
 RESIDUAL SOIL CONTAMINATION
 FIG. NO. B.2.b(i)

Filepath: J:\2017\14101032 - GP BROADWAY MILL PARKING LOT/CASE CLOSURE B.2.A_01220.DWG Last saved by: TFL000 Last Plotted: 2020-08-13



**LOT 6 / Former
WI-MI Auto Site**

**LOT 3 / Former
Bath Oil Site**

LOT 1-C

- LEGEND**
- GP-12 GEOPROBE BORINGS
 - B9 GEOTECHNICAL BORINGS (2013)
 - B-1 SOIL BORINGS FOR CLOSED WI-MI AUTO CASE
 - ⊕ TW-1 FORMER MONITORING WELL FOR CLOSED WI-MI AUTO CASE
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 - SZ8 SOIL MANAGEMENT ZONE
 - APPROXIMATE PROPERTY BOUNDARY
 - FORMER BATH OIL SITE BOUNDARY
 - ESTIMATED EXTENT OF NR 140 PAL EXCEEDANCE
 - ESTIMATED EXTENT OF NR 140 ES EXCEEDANCE
 - + BW-6 MONITORING WELL TO BE ABANDONED

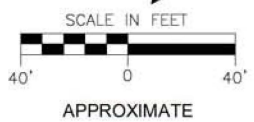
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Designed: RAM
 Checked: RAM
 Drawn: T.J.F.
 Submittal Date: December 2017



GP-BROADWAY MILL PARKING LOT
 GEI Project 1505470

FORMER BATH OIL CLOSURE REQUEST
 GROUNDWATER CONTAMINATION
 FIG. NO. B.3.b.



CAP MAINTENANCE PLAN
(to be included in Form 4400-202, as Attachment D)

May 6, 2020

1919 South Broadway
Green Bay, WI 54304

BRRTS No. 02-05-563707, FID No. 405032870

Parcel ID No. 1-1407

Introduction

This document is the Maintenance Plan for an asphalt cap at in a portion of a paved parking lot for the Broadway Mill at the above-referenced property in accordance with the requirements of s. NR 724.13 (2), Wis. Adm. Code. The maintenance activities relate to the existing asphalt pavement which addresses or occupies the area over the contaminated groundwater plume or soil.

More site-specific information about this property/site may be found in:

- The case file in the DNR Northeast office
- At <http://dnr.wi.gov/topic/Brownfields/wrrd.html>, which includes:
 - BRRTS on the Web (DNR's internet based data base of contaminated sites)for the link to a PDF for site-specific information at the time of closure and on continuing obligations;
 - RR Sites Map for a map view of the site, and
- The DNR project manager for Brown County.

D.1. Descriptions:

Description of Contamination

Soil contaminated by residual petroleum impacts (VOCs and lead) is located at depths of approximately 1.5 to 8 feet in the southern portion of Lot 3. The extents of the residual soil and groundwater contamination are shown on the attached Figure D.2. Contamination is not interpreted to extend beyond the area encompassed by Lot 3 which includes the former Buth Oil site.

Description of the Asphalt Cap to be Maintained

The cap consists of 4 inches of asphalt overlying 14 inches of aggregate and a layer of Geogrid, all overlying compacted subgrade or engineered fill. The asphalt pavement is located above the areas of remaining soil and groundwater contamination in the southern portion of Lot 3, as shown on the attached Figure D.2. The asphalt pavement on Lot 3 is contiguous with other lots for the Broadway Mill.

Purpose of Asphalt Cap

The asphalt cap over the contaminated soil and groundwater plume serves as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current industrial use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The asphalt cap overlying the contaminated soil and groundwater as depicted in Figure D.2 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration into underlying soils. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where infiltration from the surface will not be effectively minimized will be documented.

A log of the inspections and any repairs will be maintained by the property owner and is included as D.4, Form 4400-305, Continuing Obligations Inspection and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the maintenance plan and inspection log will be kept at the site; or, if there is no acceptable place (for example, no building is present) to keep it at the site, at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources (DNR) representatives upon their request.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the asphalt cap overlying the contaminated soil and groundwater is removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the DNR or its successor.

The property owner, in order to maintain the integrity of the asphalt cap, will maintain a copy of this Maintenance Plan at the site; or, if there is no acceptable place to keep it at the site (for example, no building is present), at the address of the property owner and make it available to all interested parties (i.e. on-site employees, contractors, future property owners) for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover/Barrier

The following activities are prohibited on any portion of the property where asphalt cap is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; 6) construction or placement of a building or other structure; or 7) changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings.

If removal, replacement or other changes to a cover, or a building which is acting as a cover, are considered, the property owner will contact DNR at least 45 days before taking such an action, to determine whether further action may be necessary to protect human health, safety, or welfare or the environment, in accordance with s. NR 727.07, Wis. Adm. Code.

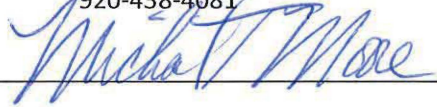
Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of DNR.

Contact Information

May 2020

Site Owner and Operator: Georgia-Pacific Consumer Products
Mr. Michael Moore
1919 South Broadway Street, P.O. Box 19130, Green Bay, WI 54307
920-438-4081

Signature:  _____

Consultant: GEI Consultants
Mr. Roger Miller
3159 Voyager Drive, Green Bay, WI 54311
920-455-8200

DNR: Mr. Andrew James
2984 Shawano Avenue, Green Bay, WI 54313
920-662-5149

D.2 Location Map(s)

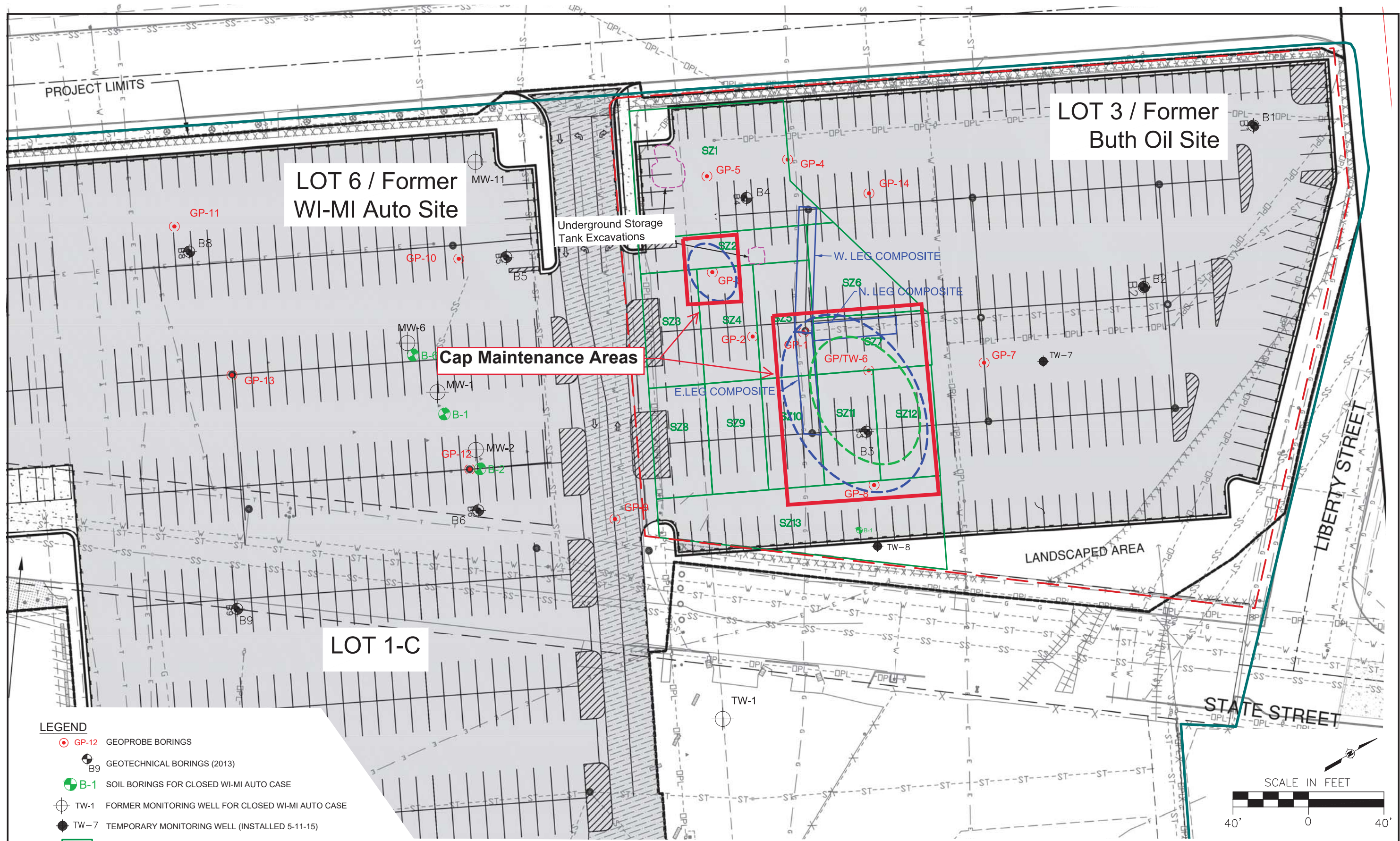
Figure D.2 is attached.

D.3 Photographs of Cover/Barrier

The photographic log is attached.

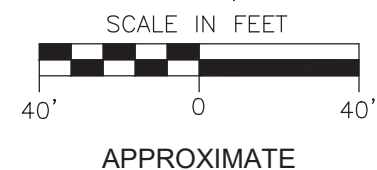
D.4 Continuing Obligations Inspection and Maintenance Log

DNR Fillable Form [Form 4400-305](#) is attached.



LEGEND

- GP-12 GEOPROBE BORINGS
- B9 GEOTECHNICAL BORINGS (2013)
- B-1 SOIL BORINGS FOR CLOSED WI-MI AUTO CASE
- ⊕ TW-1 FORMER MONITORING WELL FOR CLOSED WI-MI AUTO CASE
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- ESTIMATED EXTENT OF GROUNDWATER PATHWAY RCL EXCEEDANCE



NO.	DATE	ISSUE/REVISION	APP.
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Designed:	RAM
Checked:	RAM
Drawn:	TJF
Submittal Date:	December 2017



GP-BROADWAY MILL PARKING LOT
GEI Project 1506470

FORMER BUTH OIL CLOSURE REQUEST	FIG. NO. D.2.
CAP LOCATION MAP	


PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 1	DATE: June 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: W	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Soil Zone test pit sampling in Soil Management Area A looking west.			

PHOTOGRAPH NO: 2	DATE: June 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: S	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Soil Zone test pit sampling and Soil Management Area A looking south.			

PHOTOGRAPHIC LOG




PHOTOGRAPH NO: 3	DATE: June 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: N/A	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Example shallow Soil Zone test pit showing approximately one foot of fill overlying native silty clay.			


PHOTOGRAPH NO: 4	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: W	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Uncovering the top of the multiple USTs in Excavation #1.			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 5	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: W	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Additional small UST discovered immediately west of tanks in Excavation #1.			


PHOTOGRAPH NO: 6	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: S	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: USTs were cut open and cleaned in place prior to excavation and removal.			


PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 7	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: E	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Cleaning USTs			


PHOTOGRAPH NO: 8	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: SE	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Excavation #2 showing top of 60-inch by 72-inch UST prior to cleaning in place and removal.			


PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 9	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: W	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Excavation #1 soil was removed to native clay material.			

PHOTOGRAPH NO: 10	DATE: June/July 2015	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: NW	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: Excavation #2 soil was also removed to the native clay material.			

PHOTOGRAPHIC LOG


PHOTOGRAPH NO: 11	DATE: October 2016	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: NE	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: View of a soil berm constructed along the east side of the Mill property looking northeast.			

PHOTOGRAPH NO: 12	DATE: October 2016	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: NE	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: View of a storm water catch basin between soil berms constructed along the east side of the Mill property looking northeast.			

PHOTOGRAPHIC LOG




PHOTOGRAPH NO: 13	DATE: August 2020	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: NW	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: View across paved Lot 3 (former Buth Oil site) from near the southeast corner looking northwest.			

PHOTOGRAPH NO: 14	DATE: August 2020	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: SE	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: View across paved Lot 3 from near the northwest corner looking southeast.			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 15	DATE: August 2020	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: N	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: View of the location of abandoned monitoring well BW-3 (asphalt patch in the foreground) looking north across the western half of paved Lot 3.			

PHOTOGRAPH NO: 16	DATE: August 2020	GEI PROJECT NO: 1506470	CLIENT: Georgia-Pacific
DIRECTION: S	SITE LOCATION: FORMER BUTH OIL SITE – GP BROADWAY MILL, GREEN BAY, WI		
DESCRIPTION: View of the location of abandoned monitoring well BW-6 (asphalt patch in foreground) looking south across the central portion of Lot 3.			

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name Buth Oil Facility (Former)	BRRTS No. 02-05-563707
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Inspections are required to be conducted (see closure approval letter):

annually
 semi-annually
 other – specify _____

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

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Date added:

Title:

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Date added:

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