LETTER OF TRANSMITTAL

To: **Victoria Stovall**
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-3128

JAN 15 2009

VS

From: **Timothy E. Wimmer**
Sigma Environmental Services, Inc.
1300 W. Canal St.
Milwaukee, WI 53233

Date: September24,2008
Site Name: Briggs & Stratton Corporation
Address: 3300 N. 124th Street
Wauwatosa, WI
FID#
BRRTS #

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. **Include the FID *and* BRRTS numbers which have been assigned to this site, and identify the intent of the document(s) you are submitting in order to speed processing.** Please attach any required fees to this checklist.

IS THIS RELEASE PECFA-ELIGIBLE?
☐ YES ☐ NO ☐ UNKNOWN AT THIS TIME

Type of Submittal:
☐ LUST ☐ ERP ☐ VPLE ☐ OTHER

CHECK	TYPE OF DOCUMENT / REPORT	FEE	DNR CODE (office use only)
	Notification of Release	none	01
	Tank Closure/Site Assessment *where release(s) have been detected**	none	33
	Site Investigation Workplan	$500 if review is requested ~	35, 135~
	Site Investigation Report **Please Provide the Following Information**	$750 if review is requested ~	37, 137~
	☐ petroleum constituents detected		96~
	☐ non-petroleum constituents detected		(if SI is incomplete)
	☐ groundwater impacts ☐ above PAL ☐ above ES		
	☐ free product		
	☐ contamination in fractured bedrock or within 1 meter of fractured bedrock		
	☐ PAL exceedance in potable well		
	☐ groundwater impacts >ES, within ☐ 100' of private well or ☐ 1,000' of public well		
	Request to Transfer Case to Department of Commerce	none	76
	Off-Site Determination Request	$500 mandatory	638~
	Remedial Action Options Plan	$750 if review is requested	39, 143~
	NR 720.19 Site Specific Clean-Up Goal Proposed	$750 if review is requested	67, 68~
	NR 718 Landspreading Request	$500 mandatory	61~
	Copy of Notification to Treat or Dispose of Contamination Soil or Water	none	99
	Injection/Infiltration Request	$500 mandatory	63~
	Quarterly Report or Update	$500 if review is requested	43~
	O&M Form 4400-194	$300 if review is requested	92, 192~
	Remedial Action Options Report	$750 if review is requested	41, 41~
	Closure Review Request	$750 mandatory	79~
	☐ Closure Form (Mandatory For Review)		
	☐ GIS Registry groundwater greater >ES	$250 mandatory	700
	Request for No Further Action Letter, under ch. NR 708	$250 mandatory	68, 67~
	Copy of Draft Deed Affidavit, Well Abandonment Form Restriction	none	99
	Simple Site Process Submittal Under NR 700.11	none	90~
	Remedial Design Report	$750 if review is requested	147, 148~
	Construction Documentation Reports	$250 if review is requested	151, 152~
	Long Term Monitoring Plan	$300 if review is requested	24, 25~
	Voluntary Party Liability Exemption (VPLE) Application	$250 mandatory	662~
	VPLE Phase I/II Assessments or Additional Reports	Computed hourly	99
	Tax Cancellation Agreement	$500 mandatory	654~
	Negotiated Agreement	$1,000 mandatory	630~
	Lender Assessment	$500 mandatory	686~
	Negotiation and Cost Recovery (municipalities only) Fee for each service	mandatory	90~
	General Liability Clarification Request	$500 mandatory	684
	Lease Letter Request - Single Property	$500 mandatory	646
	Lease Letter Request - Multiple Properties	$1,000 mandatory	646
	Request for Other Technical Assistance	$500 mandatory	97~
X	Other (please describe): No Action required by RR Program (BRRTS#09)		

* Closure reports for sites where no releases have been detected should be sent directly to "Clean Closures" c/o DNR Remediation & Redevelopment Program, P.O. Box 7921, Madison, WI 53707

Remarks:

BRITS# 09-41-553259

JAN 13 2009

VS

SITE ASSESSMENT FOR STORAGE TANK SYSTEMS
UNDERGROUND STORAGE TANK CLOSURE REPORT

FOR

BRIGGS & STRATTON CORPORATION
3300 N. 124TH STREET
WAUWATOSA, WISCONSIN

PREPARED FOR

Ms. Jen Wiesniewski, CHMM
Briggs & Stratton Corporation
P.O. Box 702
Milwaukee, WI 53201-0702

PREPARED BY

THE SIGMA GROUP
Single Source. Sound Solutions.

www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
414-643-4200

September 2008

PROJECT REFERENCE #11079

SITE ASSESSMENT FOR STORAGE TANK SYSTEM
UNDERGROUND STORAGE TANK CLOSURE REPORT

1. SITE INFORMATION

Site Name: Briggs & Stratton Corporation 3300 N. 124th Street Wauwatosa, WI	
Owner Name and Contact: Briggs & Stratton Corporation P.O. Box 702 Milwaukee, WI 53201-0702	
Environmental Consultant: Sigma Environmental Services, Inc. 1300 W. Canal Street Milwaukee, WI 53233	
Site Assessor: Joe Sikora	**Certification Number:** 825687
Tank Removal Contractor: National Tank Service, Inc 1813 S. 73rd Street West Allis, WI 53214	**Certification Number:** 42742

2. PURPOSE OF THE SITE ASSESSMENT

The purpose of the site assessment is to fulfill the Department of Commerce closure assessment requirements and to determine if petroleum product has discharged into the environment from the tank system. The areas to be assessed may include beneath the tanks, piping and dispenser(s) to properly assess the site.

3. SITE BACKGROUND INFORMATION

The site assessment is being performed on:

- ☒ Underground storage tank system(s)
- ☐ Underground piping
- ☐ Dispenser area

A. Past and Present Property Use:

- ☐ Residential
- ☐ Commercial
- ☒ Industrial
- ☐ Other (explain) _____

B. Surrounding Property Use:

- ☐ Residential
- ☒ Commercial
- ☒ Industrial
- ☐ Other (explain) _____

C. Site Description:

Briggs&Stratton is a manufacturer of gasoline engines. The storage tank system is located on the west side of the building outside the engineering department and is used for storing fuels for engine testing. The original tank system was installed in 1990. Briggs & Stratton indicated that In 2004, the product lines were re-piped to a valve box located on the building exterior wall. A second tank located north and adjacent of the tank to be removed will remain in place and is used for the storage of gasoline.

4. INVENTORY OF TANK SYSTEMS TO BE ASSESSED

TANK #	CONTENTS IN TANK	STORAGE VOLUME (GALLONS)	LENGTH AND DIAMETER OF TANK	TANK CONSTRUCTION	PIPING LENGTH (FEET)	TANK CONDITION	DATE CLOSED
1	Aviation Fuel	12,000 (9,000 and 3,000)	21x10	Coated steel StiP3	<10	good	7/09/08

5. VISUAL INSPECTION

Weather Conditions: Rainy and warm

Tank(s) Location: west side of facility

Site Conditions:

- ☐ Stressed or dead vegetation
- ☐ Surface staining
- ☐ Unreported tanks
- ☒ None of the above
- ☐ Other (explain) _____

Excavation Inspection:

Excavation depth: 10

Backfill type: pea stone

Native soil type: silty clay

Depth to groundwater: 2-6 feet

Backfill type used to fill in excavation: clean stone

Signs of a Release:

- ☐ Free product
- ☐ Odors
- ☐ Oil sheen on water
- ☐ Soil discoloration
- ☒ None of the above
- ☐ Other (explain) _____

6. SOIL SAMPLE LOCATIONS AND RESULTS

SOIL SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DEPTH (Feet)	SOIL TYPE	FIELD READING (i.u.)	ANALYTICAL PARAMETER TESTED	LABORATORY RESULT (MG/KG)
T-1	North end of excavation	3	silty clay	no detection	GRO	<10
T-2	center excavation	3	silty clay	no detection	GRO	<10
T-3	South end of excavation	3	silty clay	no detection	GRO	10

7. WASTE MANAGEMENT

TYPE OF WASTE	QUANTITY OF WASTE	WASTE TRANSPORTER/DISPOSAL
☐ Water		
☒ Product	None. Tank empty	
☐ Sludge		

8. DISCUSSION AND RECOMMENDATIONS

In July 2008 Sigma conducted a soil site assessment following the removal of an underground storage tank at the Briggs & Stratton facility located at 3300 N. 124th Street, Wauwatosa, Wisconsin. During the assessment, Sigma observed the cleaning and removal of the UST and the associated piping from the site. The UST was constructed of steel (StiP3). The piping associated with the UST's was constructed of fiberglass. Following the removal of the UST, three soil samples were collected from the side wall of the UST excavation do to shallow groundwater encountered in the excavation. Soil samples were collected for GRO analysis based on product stored in the UST. No impacted soil was observed during the UST removal. Review of the GRO analytical data from the soil samples collected following the removal of the UST indicates that a release from the tank system has not occurred. Based on this information, Sigma recommends no further investigation is warranted at this time.

9. SUPPORTING DOCUMENTATION AND INFORMATION

Figures Tank Location and Soil Sample Locations

Appendices

A. Copies of Underground Petroleum Product Tank Inventory Form(s) (SBD-7437)

B. Copy of Checklist for Underground Tank Closure Form (SBD-8951)

C. Copies of Laboratory Reports and Chain-of-Custody Forms

10. LIMITATIONS

This report was prepared under constraints of cost, time and scope, and reflects a limited assessment and evaluation rather than a full, total, complete or extensive assessment and evaluation.

Our assessment was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by Professional Consultants practicing in this or similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusions and professional advice included in this report.

The findings of this report are valid as of the present date of the assessment. However, changes in the conditions of a property can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control.

The interpretations and conclusions contained in this report are based upon the result of independent laboratory tests and analysis intended to detect the presence and/or concentrations of certain chemical constituents in samples taken from the subject property. Sigma Environmental Services, Inc. has no control over such testing and analysis and therefore, disclaims any responsibility for any errors and omissions arising therefrom.

A subsurface exploration was performed and presented in this report. However, subsurface exploration cannot reveal totally what is below the surface. Depending upon the sampling method and frequency, every soil condition may not be observed, and some materials or layers, which are present in the subsurface, may not be noted.

This report is issued with the understanding that it is the responsibility of the owner(s) to ensure that the information and recommendations contained herein are brought to the attention of the appropriate regulatory agency(ies).

This document contains proprietary and confidential information which is the sole and exclusive property of Sigma Environmental Services, Inc. and Briggs&Stratton. This document may not be used or duplicated in any manner without the express written consent of Sigma Environmental Services, Inc. and Briggs&Stratton.

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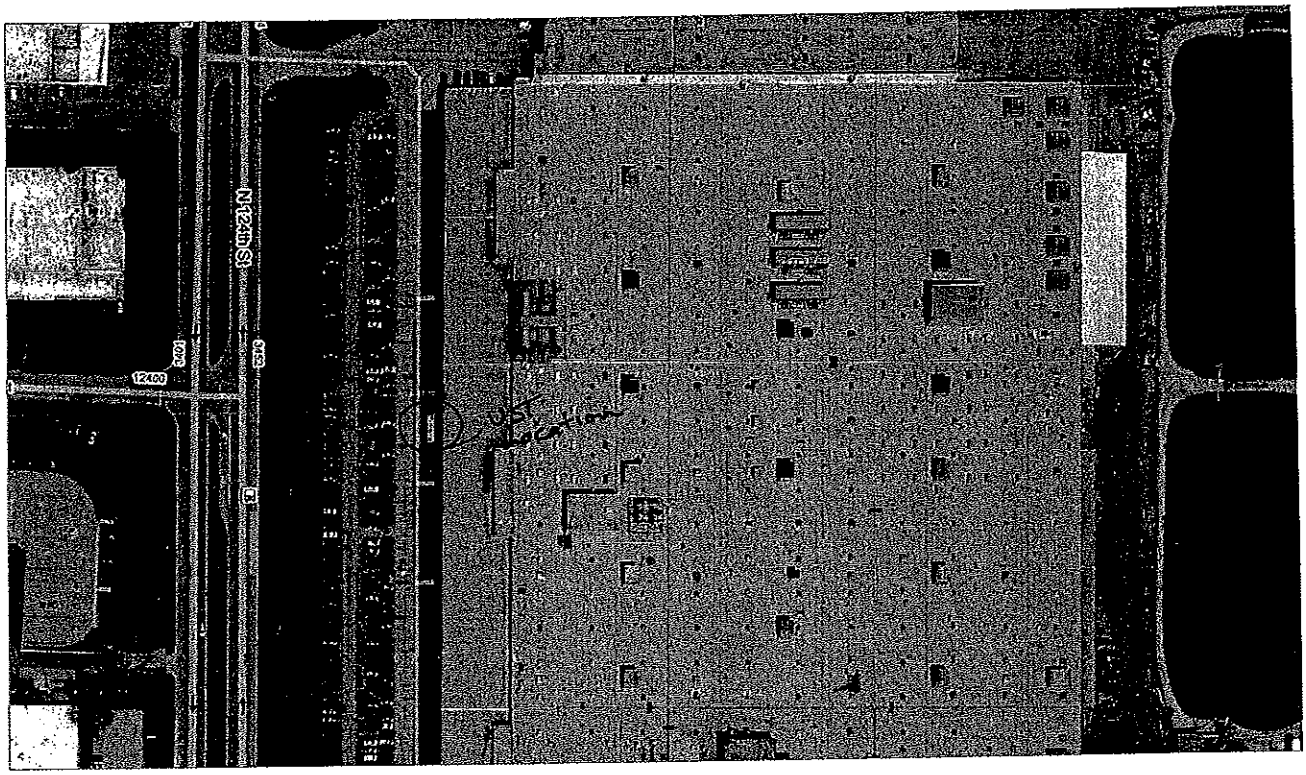
FIGURE 1

Tank Location and Soil Sample Locations

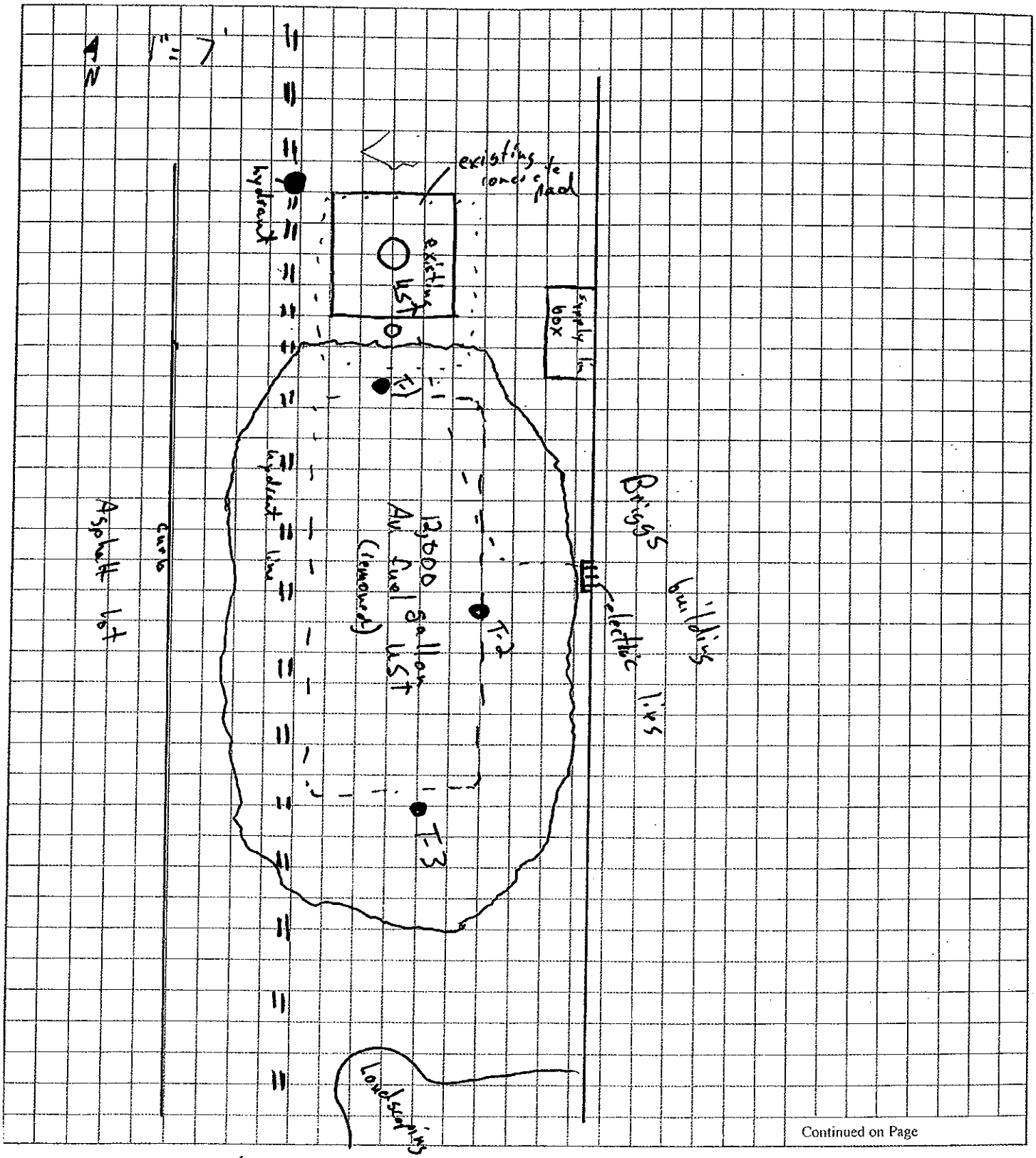
Google Maps Address



Project #11079 Briggs

Notebook No. 372

Continues from Page 5



Continued on Page

Read and Understood By

Signed: [signature] Date: 7-10-08

Signed: Date:

APPENDIX A

Copies of Underground Petroleum Product Tank
Inventory Form(s) (SBD-7437)

TDID#:
Reg Obj #: 297654

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Petroleum Products and Tanks
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No

Personal Information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date: _____

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Wauwatosa

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Briggs + Stratton Corp	Site Street Address: 3300 N. 124th St.		Site Telephone Number: 414 259-5333
☒ City ☐ Village ☐ Town of: Wauwatosa	State: WISCONSIN	Zip Code: 53222	County: Milwaukee
2. Tank Owner Name: Briggs + Stratton Corp.	Mailing Address: PO Box 702		Telephone Number: 414 259-5333
☒ City ☐ Village ☐ Town of: Milwaukee	State: WI	Zip Code: 53201-0702	County: Milwaukee
3. Previous Site Name	Previous site address if different than #1		

B. Site ID #: 677487 **Facility ID #:** **Customer ID #:** 283887

C. Tank Capacity (gallons): 3000 Tank Age (age or date installed): 7/1/90 Vehicle fueling: ☐ Yes ☒ No

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☐ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☒ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☐ Yes ☐ No
Spill Containment? ☐ Yes ☐ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A **Tank Double Walled?** ☐ Yes ☐ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A **Pipe Double Walled?** ☐ Yes ☐ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☐ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other: _____ CARB #: _____
☐ Operational - Provide Date (mo./day/yr.): _____ ☐ Non-Operational - Provide Date (mo./day/yr.): _____

N. TANK CONTENTS (Current, or previous product (if tank now empty))
☐ Leaded ☐ Unleaded ☐ Gasohol ☐ E85 ☐ Diesel ☐ Bio-diesel ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene
☐ Waste/Used Motor Oil ☐ New Oil Hazardous Waste* ☐ Unknown ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Other (specify):
☐ Chemical* Name _____ CAS #: _____
* NOT PECFA eligible.

Geo Latitude: **Geo Longitude:**

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 7/9/08

Has a site assessment been completed? (see reverse side for details)
☒ Yes ☐ No

Tank Owner Name (please print):
Briggs + Stratton Corp.

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) **Date**
Jeff Wisniewski 7/9/08

ERS-7437 (R 03/08) **Note: Refer to comments on reverse side of form.**

TDID#:
Reg Obj #: [redacted]297655

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Petroleum Products and Tanks
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No
Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☐ Newly Installed ☐ Abandoned with Product ☐ Abandoned without Product (empty)
☒ Closed - Tank Removed ☐ Closed - Filled with Inert Materials ☐ Abandon with Water ☐ Temporarily Out of Service - Provide Date: _____
☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located: ☒ City ☐ Village ☐ Town of: Wauwatosa

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Briggs + Stratton Corp	Site Street Address: 3300 N. 124th St.	Site Telephone Number: 414 259-5333
☒ City ☐ Village ☐ Town of: Wauwatosa	State: WISCONSIN / Zip Code: 53222	County: Milwaukee
2. Tank Owner Name: Briggs + Stratton Corp	Mailing Address: Po Box 702	Telephone Number: 414 259-5333
☒ City ☐ Village ☐ Town of: Milwaukee	State: WI / Zip Code: 53201-0702	County: Milwaukee
3. Previous Site Name	Previous site address if different than #1	

B. Site ID #: 677487 **Facility ID #:** [redacted] **Customer ID #:** 283887

C. Tank Capacity (gallons): 9000 Tank Age (age or date installed): 7/1/90 Vehicle fueling: ☐ Yes ☒ No

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☐ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☒ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☐ Yes ☐ No
Spill Containment? ☐ Yes ☐ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A **Tank Double Walled?** ☐ Yes ☐ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A **Pipe Double Walled?** ☐ Yes ☐ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☐ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other: _____ CARB #: _____
☐ Operational - Provide Date (mo./day/yr.): _____ ☐ Non-Operational - Provide Date (mo./day/yr.): _____

N. TANK CONTENTS (Current, or previous product (if tank now empty))
☐ Leaded ☐ Unleaded ☐ Gasohol ☐ E85 ☐ Diesel ☐ Bio-diesel ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene
☐ Waste/Used Motor Oil ☐ New Oil ☐ Hazardous Waste* ☐ Unknown ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Other (specify):
☐ Chemical* Name _____ CAS #: _____
* NOT PECFA eligible.

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 7/9/08

Geo Latitude: **Geo Longitude:**
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Tank Owner Name (please print): Briggs + Stratton Corp

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) **Date** 7/9/08

ERS-437 (R 03/08) Note: Refer to comments on reverse side of form.

APPENDIX B

Copy of Checklist for Underground Tank Closure Form (SBD-8951)

Complete one form for each site closure.

The information you provide may be used for secondary purposes [Privacy Law, s.15.04 (1)(m)].

CHECKLIST FOR TANK CLOSURE

CHECK ONE: ☑ UNDERGROUND ☐ ABOVEGROUND

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

RETURN COMPLETED CHECKLIST TO:
Wisconsin Department of Commerce
ERS Division
Bureau of Petroleum Products and Tanks
P.O. Box 7837
Madison, WI 53707-7837

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☑ **Tank System** ☐ **Tank Only** ☐ **Piping Only**

1. Site Name: [illegible]	2. Owner Name: [illegible]
Site Street Address (not P.O. Box): 3300 N. 124th St	Owner Street Address: P.O. Box 702
☑ City ☐ Village ☐ Town of: Wauwatosa	☑ City ☐ Village ☐ Town of: Milwaukee; State: WI; Zip Code: 53201
State: WI; Zip Code: 53; County: Milw.	County: Milwaukee; Telephone No. (include area code): ( )
3. Closure Company Name (print): National Tank Service	Closure Company Street Address: 1518 [illegible]
Closure Company Telephone No. (include area code): (414) 257-[illegible]	Closure Company City, State, Zip Code: West Allis, WI 53214
4. Name of Company Performing Closure Assessment: Gibra	Assessment Company Street Address, City, State, Zip Code: 1300 W. Canal St 53233
Telephone No. (include area code): (414) 643-[illegible]	Certified Assessor Name (print): Tom Gibra
Assessor Signature: [illegible]	Assessor Certification No.: 025687

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1. 297650	☑	☐	☐	3000	Premium Gas	☑ Y ☐ N
2. 297655	☑	☐	☐	9000	Premium Gas	☑ Y ☐ N
3	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N

* Indicate which product: Diesel; Leaded; Unleaded; Fuel Oil; Gasohol; Aviation Fuel; Kerosene; Premix; Waste/Used Motor Oil; Flammable/Combustible Hazardous Waste; Chemical (indicate the chemical name(s) _____ and CAS number(s) _____ _____ _____; Other _____.

Written notification was provided to the local agent 15 days in advance of closure date. ☑ Y ☐ N
All local permits were obtained before beginning closure. ☑ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B-E.

	Remover Verified	Inspector Verified	NA
B. ☐ TEMPORARILY OUT OF SERVICE			
1. Product Removed			
a. Product lines drained into tank (or other container) and liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating Temporary-Out-Of-Service (TOS) closure.	☐ Y ☐ N		☐
C. ☑ CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☑ Y ☐ N	☑	☐
2. Piping disconnected from tank and removed.	☑ Y ☐ N	☑	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☑ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☑ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☑ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.			
6. Vent lines left connected until tanks purged	☑ Y ☐ N	☐	
7. Tank openings temporarily plugged so vapors exit through vent.	☑ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☑ Y ☐ N	☐	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☑ Y ☐ N	☐	☐
10. Tank cleaned before being removed from site.	☑ Y ☐ N	☑	☐

- CONTINUE ON NEXT PAGE -

11. Tank labeled in 2" high letters after removal but before being moved from site. ☑Y ☐N ☐ ☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.
12. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site. ☑Y ☐N ☑ ☐
13. Site security is provided while the excavation is open. ☑Y ☐N ☑ ☐

D. ☐ CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.

1. Product from piping drained into tank (or other container). ☐Y ☐N ☐ ☐
2. Piping disconnected from tank and removed. ☐Y ☐N ☐ ☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps. ☐Y ☐N ☐ ☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded. ☐y ☐N ☐ ☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. ☐Y ☐N ☐ ☐

NOTE: Refer to section E for method of vapor freeing the tank

6. Vent lines left connected until tanks purged. ☐Y ☐N ☐ ☐
7. Tank openings temporarily plugged so vapors exit through vent. ☐Y ☐N ☐ ☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F. ☐Y ☐N ☐ ☐
9. Tank properly cleaned to remove all sludge and residue. ☐Y ☐N ☐ ☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled. ☐Y ☐N ☐ ☐
11. Vent line disconnected or removed. ☐Y ☐N ☐ ☐
12. Inventory form filed by owner with the Department of Commerce indicating closure in place. ☐Y ☐N ☐ ☐

E. METHOD OF VAPOR FREEING TANK

☐ Displacement of vapors by Eductor or Diffused Air Blower
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Inert Gas using Dry Ice or Liquid Carbon Dioxide
Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area.

☐ Inert Gas using CO_2 or N_2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☑ Readings of 10% or less of the lower flammable range (LEL) or 0% oxygen obtained before removing tank from ground.

☐ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☑ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

F. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO COMM 10.

	Remover Verified	Inspector Verified
1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☐Y ☑N	☐Y ☐N
2. Do points of obvious contamination exist? Surface to tank top: ☐Y ☑N Within tank excavation: ☐ Y ☑ N Piping:	☑Y ☐N	☑Y ☐N
3. Was a field screening instrument used to pre-screen soil sample locations?	☑Y ☐N	☐Y ☐N
4. Was the DNR notified of suspected or obvious contamination?	☐Y ☑N	☐Y ☐N

Agency, office and person contacted: _____

5. Contamination suspected because of: ☐Odor ☐Soil Staining ☐Free Product ☐Sheen on Groundwater ☐Field Instrument Test

G. ☑ Form ERS-7437 or ☐ ERS-8731 filed by owner with the Dept. of Commerce indicating closure. ☐Yes ☐No

H. NOTE SPECIFIC CLOSURE PROBLEMS OR CONCERNS BELOW

Tank [illegible] Piping to be [illegible]

I. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
[illegible]	[illegible]	42702	7/9/08

I certify that the procedures and information that I have provided as the tank closure contractor are correct and comply with Comm 10.

J. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Cert #	LPO Agency #:
Lawrence J [illegible]	[illegible]	93231	

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
4511	414-871-[illegible]	7/9/08

TANK INVENTORY FORM ERS-7437 or ERS-8731 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE CHECKLIST

Copy Distribution: White – Commerce Blue – Inspector Pink – Contractor Yellow - Owner

APPENDIX C

Copies of Laboratory Reports And Chain-of-Custody Forms

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

TIM WIMMER
SIGMA ENVIRONMMENTAL
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *18-Jul-08*

Project Name BRIGGS & STRATTON
Project # 11079
Invoice # E17488

Lab Code 5017488A
Sample ID T-1 3'
Sample Matrix Soil
Sample Date 7/9/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.8	%			1	5021		7/11/2008	MDK	1
Organic										
General										
Gasoline Range Organics	< 10	mg/kg	4.3	14	1	GRO95/8021		7/16/2008	CJR	1

Lab Code 5017488B
Sample ID T-2 3'
Sample Matrix Soil
Sample Date 7/9/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.9	%			1	5021		7/11/2008	MDK	1
Organic										
General										
Gasoline Range Organics	< 10	mg/kg	4.3	14	1	GRO95/8021		7/16/2008	CJR	1

Project Name BRIGGS & STRATTON **Invoice #** E17488
Project # 11079

Lab Code 5017488C
Sample ID T-3 3'
Sample Matrix Soil
Sample Date 7/9/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.9	%			1	5021		7/11/2008	MDK	1
Organic										
General										
Gasoline Range Organics	10	mg/kg	4.3	14	1	GRO95/8021		7/16/2008	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # № 768

Page 1 of 1

Sample Handling Request
___ Rush Analysis Date Required ___
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #

Account No.: | Quote No.:

Project #: 11079

Sampler: (signature) [signature]

Project (Name / Location): Briggs + Stratton

Reports To:	Tim Wimmer	Invoice To:	Tim Wimmer
Company	Sigma Environmental	Company	Same
Address	130 West Canal	Address	
City State Zip	Milw WI 53233	City State Zip	
Phone	414 643 4200	Phone	
FAX	643 4210	FAX	

Analysis Requested / Other Analysis

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
5-17488 A	T-1 3'	7-9-08	2:00		X		1	Soil	MeOH		X											0
B	T-2 3'		2:00		X		1	Soil	MeOH		X											0
C	T-3 3'		2:00		X		1	Soil	MeOH		X											0

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Driver
Temp. of Temp. Blank: °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]	8:00 AM	7-10-08			

Received in Laboratory By: [signature] Time: 9:05 Date: 7/11/08

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

January 13, 2009

Client:	SIGMA ENVIRONMENTAL SERV. - Milwaukee 1300 West Canal Street Milwaukee, WI 53233	Work Order: Project Name: Project Number:	WSA0216 11079 Briggs & Stratton 11079
Attn:	Mr. Timothy Wimmer	Date Received:	01/09/09

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Sump-1	WSA0216-01	01/09/09 10:30

Samples were received on ice into laboratory at a temperature of 0 °C.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:

Warren L Topel

TestAmerica Watertown
Warren L. Topel
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

SIGMA ENVIRONMENTAL SERV. - Milwaukee	Work Order:	WSA0216	Received:	01/09/09
1300 West Canal Street	Project:	11079 Briggs & Stratton	Reported:	01/13/09 07:59
Milwaukee, WI 53233	Project Number:	11079		
Mr. Timothy Wimmer				

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WSA0216-01RE1 (Sump-1 - Ground Water)							**Sampled: 01/09/09 10:30**			
GC VOLATILES										
Benzene	3.3		ug/L	0.25	0.83	1	01/12/09 14:15	PJU	9010151	SW 8021
Ethylbenzene	0.41	J	ug/L	0.22	0.73	1	01/12/09 14:15	PJU	9010151	SW 8021
Methyl tert-Butyl Ether	620		ug/L	2.3	7.7	10	01/12/09 13:36	PJU	9010151	SW 8021
Toluene	2.3		ug/L	0.25	0.83	1	01/12/09 14:15	PJU	9010151	SW 8021
1,2,4-Trimethylbenzene	0.57	J	ug/L	0.25	0.83	1	01/12/09 14:15	PJU	9010151	SW 8021
1,3,5-Trimethylbenzene	<0.19		ug/L	0.19	0.63	1	01/12/09 14:15	PJU	9010151	SW 8021
Xylenes, total	1.0	J	ug/L	0.39	1.3	1	01/12/09 14:15	PJU	9010151	SW 8021
Surr: 4-Bromofluorobenzene (80-200%)	*95 %*									

SIGMA ENVIRONMENTAL SERV. - Milwaukee
1300 West Canal Street
Milwaukee, WI 53233
Mr. Timothy Wimmer

Work Order: WSA0216
Project: 11079 Briggs & Stratton
Project Number: 11079

Received: 01/09/09
Reported: 01/13/09 07:59

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
GC VOLATILES														
Benzene	9010151			ug/L	0.25	0.88	<0.25							
Ethylbenzene	9010151			ug/L	0.22	0.76	<0.22							
Methyl tert-Butyl Ether	9010151			ug/L	0.23	0.76	<0.23							
Toluene	9010151			ug/L	0.25	0.83	<0.25							
1,2,4-Trimethylbenzene	9010151			ug/L	0.25	0.86	<0.25							
1,3,5-Trimethylbenzene	9010151			ug/L	0.19	0.67	<0.19							
Xylenes, total	9010151			ug/L	0.39	1.3	<0.39							
Surrogate: 4-Bromofluorobenzene	*9010151*			ug/L					*97*		*80-200*			

SIGMA ENVIRONMENTAL SERV. - Milwaukee
1300 West Canal Street
Milwaukee, WI 53233
Mr. Timothy Wimmer

Work Order: WSA0216
Project: 11079 Briggs & Stratton
Project Number: 11079

Received: 01/09/09
Reported: 01/13/09 07:59

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
GC VOLATILES														
Benzene	9A12006		20.000	ug/L	N/A	N/A	19.8		99		85-115			
Ethylbenzene	9A12006		20.000	ug/L	N/A	N/A	19.7		98		85-115			
Methyl tert-Butyl Ether	9A12006		20.000	ug/L	N/A	N/A	20.5		103		85-115			
Toluene	9A12006		20.000	ug/L	N/A	N/A	20.0		100		85-115			
1,2,4-Trimethylbenzene	9A12006		20.000	ug/L	N/A	N/A	20.1		101		85-115			
1,3,5-Trimethylbenzene	9A12006		20.000	ug/L	N/A	N/A	19.8		99		85-115			
Xylenes, total	9A12006		60.000	ug/L	N/A	N/A	59.2		99		85-115			
Surrogate: 4-Bromofluorobenzene	*9A12006*			ug/L					*99*		*85-115*			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

SIGMA ENVIRONMENTAL SERV. - Milwaukee
1300 West Canal Street
Milwaukee, WI 53233
Mr. Timothy Wimmer

Work Order: WSA0216
Project: 11079 Briggs & Stratton
Project Number: 11079

Received: 01/09/09
Reported: 01/13/09 07:59

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
GC VOLATILES														
Benzene	9010151		20.000	ug/L	N/A	N/A	19.2	19.8	96	99	80-120	3	20	
Ethylbenzene	9010151		20.000	ug/L	N/A	N/A	19.2	19.9	96	99	80-120	3	20	
Methyl tert-Butyl Ether	9010151		20.000	ug/L	N/A	N/A	20.1	21.0	101	105	80-120	4	20	
Toluene	9010151		20.000	ug/L	N/A	N/A	19.2	20.0	96	100	80-120	4	20	
1,2,4-Trimethylbenzene	9010151		20.000	ug/L	N/A	N/A	19.8	20.6	99	103	80-120	4	20	
1,3,5-Trimethylbenzene	9010151		20.000	ug/L	N/A	N/A	19.5	20.0	97	100	80-120	2	20	
Xylenes, total	9010151		60.000	ug/L	N/A	N/A	58.4	60.2	97	100	80-120	3	20	
Surrogate: 4-Bromofluorobenzene	*9010151*			ug/L					*100*	*102*	*80-200*			

SIGMA ENVIRONMENTAL SERV. - Milwaukee	Work Order:	WSA0216	Received:	01/09/09
1300 West Canal Street	Project:	11079 Briggs & Stratton	Reported:	01/13/09 07:59
Milwaukee, WI 53233	Project Number:	11079		
Mr. Timothy Wimmer				

CERTIFICATION SUMMARY

TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
SW 8021	Water - NonPotable	X	X

SIGMA ENVIRONMENTAL SERV. - Milwaukee	Work Order:	WSA0216	Received:	01/09/09
1300 West Canal Street	Project:	11079 Briggs & Stratton	Reported:	01/13/09 07:59
Milwaukee, WI 53233	Project Number:	11079		
Mr. Timothy Wimmer				

DATA QUALIFIERS AND DEFINITIONS

J Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

ADDITIONAL COMMENTS

WSA0216

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Sigma Environmental
Client #: _____
Address: 1300 W. Canal
City/State/Zip Code: Milw WI 53233
Project Manager: Tim Wimmer
Telephone Number: 414 643-4200
Fax: 643-4210
Sampler Name: (Print Name) Jon Sikora
Sampler Signature: [signature]

Project Name: Briggs & Stratton
Project #: 11049
Site/Location ID: Wauwatosa
State: WI
Report To: Tim Wimmer
Invoice To: _____
Quote #: _____
PO#: _____

E-mail address: _____

TAT
___ Standard
X Rush (surcharges may apply)
Date Needed: 1-12-09
Fax Results: Y N
E-mail: Y N

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: PUOC									REMARKS
01	Sump-1	1-9-09	10:30	G	N	GW		3						X									

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions:

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	1-9-09	2:30	[signature]	1/9/09	16:47

LABORATORY COMMENTS:
Init Lab Temp: Ice
Rec Lab Temp:
Custody Seals: Y N (N/A)
Bottles Supplied by TestAmerica: (Y) N
Method of Shipment: Client

TAL-0020 (1207)