

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy Inc. #1
 102 Industrial Dr.
 Batesville AR 72501
 ARP-001027 NPDS # AR 0020702

B. FACILITY & LOCATION ADDRESS

Same as mailing address

C. FACILITY CONTACT: Randel Davis TELEPHONE NUMBER: 870 612 0350 e-mail: Randel.davis@badboymowers.com

(2) REPORTING PERIOD--FISCAL YEAR From to (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: January TO: June

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Stage 2+4 ARC Rinse
Stages in the Five Stage
Cleaning Process

B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

N/A

*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

C. Number of Regular Employees at this Facility

375

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	7772	13200	
Regulated (Cyanide)			
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	9375	15000	
Total Flow to POTW	17147	28200	

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Stages 1, 3, 5 Captured and picked up by Wasted Services, INC

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l) limits	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	5.00	6006	.003	<.001	.031	<.001	.099	401	BDL
Avg Measured**									*

Sample Location Sump pH at end of process

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No (include complete Chain of Custody)

*If a TOMP has been submitted and approved by ADEQ place N/A.

**A value here can only be the average of all samples taken during one (1) calendar month.

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

'6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

N/A

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(l)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Randel Davis
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randel Davis
SIGNATURE

Plant SUPERVISOR
OFFICIAL TITLE

3-25-13
DATE SIGNED

Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143 (501) 268-6431 f(501) 268-9314

NPDES Wastewater Monitoring
 Water and Wastewater Analysis
 Concrete, Asphalt, and Aggregate Testing
 Geotechnical Testing
 Industrial and Construction Quality Control

BAD BOY MOWERS

Collection Date / Time: March 8, 2013 11:00 AM

Collection Place: **Plant Effluent**

Collected By: BET / RANDEL DAVIS

Wastewater Analysis

Parameter	Date / Time Begin		Date / Time End		Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	03/14	12:27 PM	03/14	12:30 PM	< 0.001	mg/l	NA	KLB	98.1	0.76	GRAB	1
Chromium	03/14	12:27 PM	03/14	12:30 PM	0.006	mg/l	NA	KLB	99.7	0.25	GRAB	1
Copper	03/14	12:27 PM	03/14	12:30 PM	0.003	mg/l	NA	KLB	97.0	0.25	GRAB	1
Lead	03/14	12:27 PM	03/14	12:30 PM	< 0.001	mg/l	NA	KLB	100.5	0.55	GRAB	1
Nickel	03/14	12:27 PM	03/14	12:30 PM	0.031	mg/l	NA	KLB	97.2	0.42	GRAB	1
Silver	03/14	12:27 PM	03/14	12:30 PM	< 0.001	mg/l	NA	KLB	100.5	1.29	GRAB	1
Zinc	03/14	12:27 PM	03/14	12:30 PM	0.099	mg/l	NA	KLB	103.1	0.81	GRAB	1
Total Toxic Organics	03/14	12:07 PM	03/14	8:45 PM	BDL*	ug/l	NA	AI301			CALC	2
*BDL = BELOW DETECTABLE LIMITS												
pH	03/08	11:00 AM	NA		7.21	S.U.	NA	BET	NA	0.26	GRAB	3
Cyanide, Total	03/15	9:30 AM	NA		< 0.01	mg/l	NA	KLB	94.6	0.00	GRAB	4

Quality Assurance: All Parameters include 10% duplication studies by random selection. The following equipment is checked and calibrated daily: pH meter, balance, incubators, water baths, drying oven and sterilizing apparatus. Ammonia Nitrogen and Oil & Grease Analysis include duplication and spike studies at a rate of at least 10%.

Notes: Samples iced at collection. Preserved with H₂SO₄ to pH₂; Oil & Grease, Ammonia, COD

References:

Analysis complies with 40 CFR Part 136:

1. SM 3111B
2. See attached American Interplex Report 165660
3. SM 4500 HB
4. SM 4500-CN-E


 Neville Adams, Manager



Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
3301 Langley Drive
Searcy, AR 72143

This report contains the analytical results and supporting information for samples submitted on March 13, 2013. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.

A handwritten signature in cursive script that reads 'Steve Bradford'. The signature is written in black ink and is positioned above a horizontal line.

Steve Bradford
Deputy Laboratory Director

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arkatl@sbcglobal.net



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on March 13, 2013
2256
P.O. No. 2256

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with shipping documentation.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
165660-1	Mower 3-8-13 1100am	08-Mar-2013 1100	
165660-2	MTV 3-8-13 1115am	08-Mar-2013 1115	

Qualifiers:

- D Result is from a secondary dilution factor
- Q Analyte is not within quality control limits
- R n-Nitrosodiphenylamine cannot be separated from diphenylamine

Case Narrative:

Low recovery for the Base/Neutral and Acid Surrogate, 2,4,6-Tribromophenol, is due to matrix interference.

References:

- "Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
- "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
- "Standard Methods for the Examination of Water and Wastewaters", 21st edition.
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 165660-1

Sample Identification: Mower 3-8-13 1100am

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Benzidine EPA 625	< 25	25	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Butylbenzyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2-Chloronaphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2-Chlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
4-Chlorophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Di-n-butyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	

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ANALYTICAL RESULTS

AIC No. 165660-1 (Continued)

Sample Identification: Mower 3-8-13 1100am

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Di-n-octyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2,4-Dichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Diethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Dimethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2,4-Dimethylphenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
4,6-Dinitro-o-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2,4-Dinitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2,4-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
2,6-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
1,2-Diphenylhydrazine EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Fluorene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Hexachlorobutadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Hexachlorocyclopentadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Hexachloroethane EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	
Isophorone EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2045 by 301		Batch: B8222	

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 3301 Langley Drive
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ANALYTICAL RESULTS
AIC No. 165660-1 (Continued)
Sample Identification: Mower 3-8-13 1100am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
n-Nitrosodi-n-propylamine EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
n-Nitrosodimethylamine EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
n-Nitrosodiphenylamine EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	R
Naphthalene EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
Nitrobenzene EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
2-Nitrophenol EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
4-Nitrophenol EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
p-Chloro-m-cresol EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
Pentachlorophenol EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
Phenanthrene EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
Phenol EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
Pyrene EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
1,2,4-Trichlorobenzene EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
2,4,6-Trichlorophenol EPA 625	< 5.0 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301	5.0	ug/l Batch: B8222	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	76.8 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301		% Batch: B8222	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	49.5 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301		% Batch: B8222	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	75.8 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301		% Batch: B8222	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	84.5 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301		% Batch: B8222	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	50.2 Prep: 14-Mar-2013 1207 by 306 Analyzed: 14-Mar-2013 2045 by 301		% Batch: B8222	
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25 Prep: 14-Mar-2013 1136 by 301 Analyzed: 14-Mar-2013 1713 by 301	25	ug/l Batch: V8224	

Arkansas Testing Laboratories
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 Searcy, AR 72143

ANALYTICAL RESULTS
AIC No. 165660-1 (Continued)
Sample Identification: Mower 3-8-13 1100am

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Acrylonitrile EPA 624	< 25	25	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 165660-1 (Continued)

Sample Identification: Mower 3-8-13 1100am

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Ethylbenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Methyl bromide(Bromomethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Methyl chloride(Chloromethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Methylene chloride EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,1,2,2-Tetrachloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Tetrachloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Toluene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,1,1-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
1,1,2-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Trichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Vinyl chloride EPA 624	< 2.0	2.0	ug/l	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	95.7		%	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 624	96.6		%	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Surrogate: Toluene-D8 (85.0-120%) EPA 624	98.2		%	
Prep: 14-Mar-2013 1136 by 301	Analyzed: 14-Mar-2013 1713 by 301		Batch: V8224	
Organochlorine Pesticides and PCBs By EPA 608				
Aldrin EPA 608	< 0.010	0.010	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
alpha-BHC EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
alpha-Endosulfan EPA 608	< 0.010	0.010	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
beta-BHC EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
beta-Endosulfan EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	

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ANALYTICAL RESULTS

AIC No. 165660-1 (Continued)

Sample Identification: Mower 3-8-13 1100am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
Chlordane EPA 608	< 0.10	0.10	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Chlorpyrifos EPA 608	< 0.050	0.050	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
4,4'-DDD EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
4,4'-DDE EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
4,4'-DDT EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
delta-BHC EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Dieldrin EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Endosulfan sulfate EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Endrin EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Endrin aldehyde EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
gamma-BHC EPA 608	< 0.020	0.020	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Heptachlor EPA 608	< 0.010	0.010	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Heptachlor epoxide EPA 608	< 0.010	0.010	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1016 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1221 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1232 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1242 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1248 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1254 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
PCB 1260 EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	

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ANALYTICAL RESULTS

AIC No. 165660-1 (Continued)

Sample Identification: Mower 3-8-13 1100am

Analyte	Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
Toxaphene EPA 608	< 0.20	0.20	ug/l	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Surrogate: Decachlorobiphenyl (30.0-135%) EPA 608	93.8		%	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	
Surrogate: Tetrachloro-m-xylene (25.0-140%) EPA 608	110		%	
Prep: 14-Mar-2013 1450 by 306	Analyzed: 15-Mar-2013 1531 by 306		Batch: G9214	

AIC No. 165660-2

Sample Identification: MTV 3-8-13 1115am

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Benzidine EPA 625	< 25	25	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2013 1207 by 306	Analyzed: 14-Mar-2013 2120 by 301		Batch: B8222	

Arkansas Testing Laboratories

3301 Langley Drive
 Searcy, AR 72143
 Off 501-268-6431
 Fax 501-268-9314

- *NPDES Wastewater Monitoring
- *Water and Wastewater Analysis
- *Concrete, Asphalt, and Aggregate Testing
- *Geotechnical Testing
- *Industrial and Construction Quality Control

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: <u>Bad Boy Mowers Batesville AR</u>										PARAMETERS									
SAMPLE ID	SAMPLE MATRIX	SAMPLED BY: <u>BBT / Randal</u>								Calibration		PRESERVATIVES							
		DATE	TIME	Flow	Grab					pH / DO #		<u>HNO₃</u>	<u>Asorb</u>	<u>ICE</u>					
EFF	W=H2O									<u>pH</u>		<u>metals</u>	<u>CU-</u>	<u>TTO</u>					
INF	S=SLUDGE																		
CLAR	D=SOIL																		
POND	C=WELL																		
BACKWASH																			
<u>Mower Plant eff</u>	<u>W</u>	<u>3-8-13</u>	<u>11:00</u>							<u>7.21</u>		<u>100 mL P</u>	<u>1-6-P</u>	<u>1-</u>					
<u>MTR Plant eff</u>	<u>W</u>	<u>1</u>	<u>11:15</u>							<u>7.30</u>		<u>100 mL P</u>	<u>1-6-P</u>						
# = number of bottles		Q, L, H = Quart, Liter, Half Gallon					P, G = Plastic, Glass												
Relinquished by:					Date/Time					Received by:					Date/Time				
Relinquished by:					Date/Time					Received by: <u>BE Thompson</u>					Date/Time <u>3-8-13 5:00pm</u>				

