Table 1
Summary of Analytical Results
Town of Mocksville - Maintenance Yard Incident
S&ME Project No. 1584-07-070

PRELIMINARY

Method 8260B-Volatile Organics			Sample ID's						
Parameter	Date Sample Collected	Quantitation Limit (mg/kg)	B1A (mg/kg)	B1B (mg/kg)	B1 (mg/kg)	B2A (mg/kg)	B2B (mg/kg)	B2 (mg/kg)	SRG (mg/kg)
N-Butyl benzene	12/7/2007	0.005	BQL	1.92	ANR	BQL	BQL	ANR	No Standard
Sec-Butylbenzene	12/7/2007	0.005	BQL	1.17	ANR	BQL	BQL	ANR	No Standard
Ethylbenzene	12/7/2007	0.005	BQL	3.72	ANR	BQL	BQL	ANR	380
I-Propylbenzene	12/7/2007	0.005	BQL	0.889	ANR	BQL	BQL	ANR	No Standard
P-Isopropyltoluene	12/7/2007	0.005	0.771	1.6	ANR	BQL	BQL	ANR	No Standard
Naphthalene	12/7/2007	0.010	1.70	2.57	ANR	BQL	BQL	ANR	11.2
Toluene	12/7/2007	0.005	BQL	4.06	ANR	BQL	BQL	ANR	132
1,2,4-Trimethylbenzene	12/7/2007	0.005	0.52	18.1	ANR	BQL	BQL	ANR	No Standard
1,3,5-Trimethylbenzene	12/7/2007	0.005	12.1	8.57	ANR	BQL	BQL	ANR	No Standard
Xylenes (total)	12/7/2007	0.005	12.2	34.7	ANR	BQL	BQL	ANR	54
Method 8270 (Semi-Volatile Organics)			**Sample ID's**						
Parameter	Date Sample Collected	Quantitation Limit (mg/kg)	B1A (mg/kg)	B1B (mg/kg)	B1 (mg/kg)	B2A (mg/kg)	B2B (mg/kg)	B2 (mg/kg)	SRG (mg/kg)
Anthracene	12/7/2007	0.33	ANR	ANR	0.340	ANR	ANR	BQL	4400
Benzyl Butyl Phthalate	12/7/2007	0.33	ANR	ANR	17.2	ANR	ANR	BQL	2400
Chrysene	12/7/2007	0.33	ANR	ANR	0.374	ANR	ANR	BQL	22
Fluoranthene	12/7/2007	0.33	ANR	ANR	0.588	ANR	ANR	BQL	4600
2-Methylnaphthalene	12/7/2007	0.33	ANR	ANR	0.618	ANR	ANR	BQL	11.2
Phenanthrene	12/7/2007	0.33	ANR	ANR	0.852	ANR	ANR	BQL	No Standard
Pyrene	12/7/2007	0.33	ANR	ANR	0.824	ANR	ANR	0.340	460

ANR = Analysis Not Requested *BQL = Below Quantitation Limit*
SRG = NCDENR Inactive Sites Branch, Health-Based Soil Remedial Goals, Updated August 2007

S:\1584\PROJECTS MASTER\Projects 2007\070 Town of Mocksville Incident\Data\Disposal Analytical Tables

Table 1
Summary of Analytical Results
Town of Mocksville - Maintenance Yard Incident
S&ME Project No. 1584-07-070

PRELIMINARY

8-RCRA Metals	Date Sample Collected	Quantitation Limit (mg/kg)	Sample ID's						
			B1A (mg/kg)	B1B (mg/kg)	B1 (mg/kg)	B2A (mg/kg)	B2B (mg/kg)	B2 (mg/kg)	SRG (mg/kg)
Arsenic	12/7/2007	1.0	ANR	ANR	BQL	ANR	ANR	BQL	4.4
Barium	12/7/2007	4.0	ANR	ANR	38.1	ANR	ANR	49.5	No standard
Cadmium	12/7/2007	0.100	ANR	ANR	0.113	ANR	ANR	0.194	7.4
Chromium	12/7/2007	1.0	ANR	ANR	13.3	ANR	ANR	21	44
Lead	12/7/2007	0.500	ANR	ANR	22.9	ANR	ANR	16.8	400
Mercury	12/7/2007	0.200	ANR	ANR	BQL	ANR	ANR	BQL	4.6
Selenium	12/7/2007	1.0	ANR	ANR	BQL	ANR	ANR	BQL	78
Silver	12/7/2007	1.0	ANR	ANR	BQL	ANR	ANR	BQL	78
Others Parameters	**Date Sample Collected**	**Quantitation Limit (mg/kg)**	**B1A (mg/kg)**	**B1B (mg/kg)**	**B1 (mg/kg)**	**B2A (mg/kg)**	**B2B (mg/kg)**	**B2 (mg/kg)**	**SRG (mg/kg)**
Aluminum	12/7/2007	10.0	ANR	ANR	15,300	ANR	ANR	11,600	Not applicable
Nitrate	12/7/2007	5.0	ANR	ANR	24.3	ANR	ANR	120	Not applicable

SRG = NCDENR Inactive Sites Branch, Health-Based Soil Remedial Goals, Updated August 2007
ANR = Analysis Not Requested *BQL = Below Quantitation Limit*

Table 2
Summary of Analytical Results - TCLP & Others Parameters
Town of Mocksville - Maintenance Yard Incident
S&ME Project No. 1584-07-070

PRELIMINARY

TCLP Volatiles Organics						Sample ID's					
Parameters	EPA HW Number	Characteristic Levels (mg/L)	Analytical Method	Date Collected	Quantitation Limit (mg/L)	B1A (mg/L)	B1B (mg/L)	B1 (mg/L)	B2A (mg/L)	B2B (mg/L)	B2 (mg/L)
Benzene	D-018	0.500	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
Carbon Tetrachloride	D-019	0.500	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
Chlorobenzene	D-021	100	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
Chloroform	D-022	6.00	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
1,2-Dichloroethane	D-028	0.500	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
1,2-Dichloroethylene	D-029	0.700	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
Methyl Ethyl Ketone	D-035	200	8240	12/7/2007	1.000	BQL	BQL	ANR	BQL	BQL	ANR
Tetrachloroethylene	D-039	0.700	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
Trichloroethylene	D-040	0.500	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
Vinyl Chloride	D-043	0.200	8240	12/7/2007	0.050	BQL	BQL	ANR	BQL	BQL	ANR
TCLP Semi-Volatiles Organics						Sample ID's					
Parameters	EPA HW Number	Characteristic Levels (mg/L)	Analytical Method	Date Collected	Quantitation Limit (mg/L)	B1A (mg/L)	B1B (mg/L)	B1 (mg/L)	B2A (mg/L)	B2B (mg/L)	B2 (mg/L)
O-Creosol	D-023	200	8270	12/7/2007	20.0	ANR	ANR	BQL	ANR	ANR	BQL
M-Creosol	D-024	200	8270	12/7/2007	20.0	ANR	ANR	BQL	ANR	ANR	BQL
P-Creosol	D-025	200	8270	12/7/2007	20.0	ANR	ANR	BQL	ANR	ANR	BQL
Creosol	D-026	200	8270	12/7/2007	20.0	ANR	ANR	BQL	ANR	ANR	BQL
1,4-Dichlorobenzene	D-027	7.50	8270	12/7/2007	0.750	ANR	ANR	BQL	ANR	ANR	BQL
2,4-Dinitrotoluene	D-030	0.130	8270	12/7/2007	0.100	ANR	ANR	BQL	ANR	ANR	BQL
Hexachlorobenzene	D-032	0.130	8270	12/7/2007	0.100	ANR	ANR	BQL	ANR	ANR	BQL
Hexachlorobutadiene	D-033	0.500	8270	12/7/2007	0.100	ANR	ANR	BQL	ANR	ANR	BQL
Hexachloroethane	D-034	3.00	8270	12/7/2007	0.300	ANR	ANR	BQL	ANR	ANR	BQL
Nitrobenzene	D-036	2.00	8270	12/7/2007	0.200	ANR	ANR	BQL	ANR	ANR	BQL
Pentachlorophenol	D-037	100	8270	12/7/2007	10.0	ANR	ANR	BQL	ANR	ANR	BQL
Pyridine	D-038	5.00	8270	12/7/2007	0.500	ANR	ANR	BQL	ANR	ANR	BQL
2,4,5-Trichlorophenol	D-041	400	8270	12/7/2007	40.0	ANR	ANR	BQL	ANR	ANR	BQL
2,4,6-Trichlorophenol	D-042	2.00	8270	12/7/2007	0.200	ANR	ANR	BQL	ANR	ANR	BQL

ANR = Analysis Not Requested *BQL = Below Quantitation Limit*

PRELIMINARY

Table 2
Summary of Analytical Results - TCLP & Others Parameters
Town of Mocksville - Maintenance Yard Incident
S&ME Project No. 1584-07-070

TCLP Metals						Sample ID's					
Parameters	EPA HW Number	Characteristic Levels (mg/L)	Analytical Method	Date Collected	Quantitation Limit (mg/L)	B1A (mg/L)	B1B (mg/L)	B1 (mg/L)	B2A (mg/L)	B2B (mg/L)	B2 (mg/L)
Arsenic	D004	5.00	6010	12/7/2007	0.020	ANR	ANR	BQL	ANR	ANR	BQL
Barium	D-005	100	6010	12/7/2007	0.080	ANR	ANR	0.347	ANR	ANR	0.462
Cadmium	D-006	1.00	6010	12/7/2007	0.005	ANR	ANR	BQL	ANR	ANR	BQL
Chromium	D-077	5.00	6010	12/7/2007	0.020	ANR	ANR	BQL	ANR	ANR	BQL
Lead	D-008	5.00	6010	12/7/2007	0.010	ANR	ANR	0.028	ANR	ANR	BQL
Mercury	D-009	0.200	7470	12/7/2007	0.002	ANR	ANR	BQL	ANR	ANR	BQL
Selenium	D-010	1.00	6010	12/7/2007	0.100	ANR	ANR	BQL	ANR	ANR	BQL
Silver	D-011	5.00	6010	12/7/2007	0.020	ANR	ANR	BQL	ANR	ANR	BQL
Other Parameters						Sample ID's					
Parameters	EPA HW Number	Characteristic Levels (mg/L)	Analytical Method	Date Collected	Quantitation Limit (mg/L)	B1A (mg/L)	B1B (mg/L)	B1 (mg/L)	B2A (mg/L)	B2B (mg/L)	B2 (mg/L)
Corrosivity	D-002		9045	12/7/2007		ANR	ANR	7.08	ANR	ANR	8.96
Ignitibility	D-001		1010	12/7/2007		ANR	ANR	WNI	ANR	ANR	WNI

ANR = Analysis Not Requested *BQL = Below Quantitation Limit*

NC DWQ Laboratory Section Results

County: **DAVIE**
River Basin
Report To **WSROAP**

Collector: **C DAY**
Region: **WSRO**
Sample Matrix: **GROUNDWATER**
Loc. Type: **Monitoring Well**
Emergency Yes/No
COC Yes/No

VisitID

Loc. Descr.: **tOWN OF MOCKSVILLE MAINTENANCE SHOP**

Sample ID: **AB24639**
PO Number # **7G0902**
Date Received: **12/11/2007**
Time Received: **07:50**
Labworks LoginID **CGREEN**
Date Reported: 1/18/08

Report Generated: 01/31/2008

Location ID:	Collect Date:	Collect Time::	Sample Depth
1001B1COMP127	**12/07/2007**	**11:45**	

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: **1001B1COMP127**
Loc. Descr.: **tOWN OF MOCKSVILLE MAINTENANCE SHOP**
Visit ID

Sample ID **AB24639**
Collect Date: **12/07/2007**
Collect Time:: **11:45**

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		**0.3**		**°C**	DSAUNDERS	JGOODWIN
	Method Reference					12/11/07	12/11/07
MET							
7440-22-4	**Ag in solid samples by ICPMS**	0.20	**0.23**		**mg/Kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7440-38-2	**Arsenic solid samples by ICPMS**	0.20	**1.5**		**mg/Kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7440-38-3	**Barium in solid samples by ICP**	1.0	**67**		**mg/Kg**	DSTANLEY	ESTAFFORD
	Method Reference EPA 200.7					1/11/08	1/18/08
7440-43-9	**Cadmium in solids samples by ICPMS**	0.20	**0.51**		**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7440-47-3	**Cr in solids samples by ICPMS**	0.20	**17**		**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7439-97-6	**Hg 245.5 solid**	0.02	**0.12**		**mg/Kg**	JJURGEVICH	ESTAFFORD
	Method Reference EPA 245.5					1/17/08	1/18/08
7439-92-1	**Lead in solids samples by ICPMS**	0.20	**43**		**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
	Percent Dry Solids		**89.4**		**%**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.2					1/18/08	1/18/08
7782-49-2	**Selenium in solids samples by ICPMS**	0.20	**0.20**	**U**	**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS. SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

Chemical Analysis for Selected Parameters and Sampling Locations Identified as 1584-07-070
(A S&ME, Inc. Project #1584-07-070, collected 07 December 2007)

1. Volatile Organics EPA Method 8260 B Parameter	Quantitation Limit (mg/kg)	B1A (mg/kg)	B1B (mg/kg)	B2A (mg/kg)	B2B (mg/kg)
Acetone	0.100	BQL	BQL	BQL	BQL
Benzene	0.005	BQL	BQL	BQL	BQL
Bromobenzene	0.005	BQL	BQL	BQL	BQL
Bromochloromethane	0.005	BQL	BQL	BQL	BQL
Bromodichloromethane	0.005	BQL	BQL	BQL	BQL
Bromoform	0.005	BQL	BQL	BQL	BQL
Bromomethane	0.010	BQL	BQL	BQL	BQL
2-Butanone	0.100	BQL	BQL	BQL	BQL
N-Butylbenzene	0.005	BQL	1.92	BQL	BQL
Sec-Butylbenzene	0.005	BQL	1.17	BQL	BQL
Tert-Butylbenzene	0.005	BQL	BQL	BQL	BQL
Carbon Tetrachloride	0.010	BQL	BQL	BQL	BQL
Chlorobenzene	0.005	BQL	BQL	BQL	BQL
Dibromochloromethane	0.005	BQL	BQL	BQL	BQL
Chloroethane	0.010	BQL	BQL	BQL	BQL
Chloroform	0.005	BQL	BQL	BQL	BQL
Chloromethane	0.010	BQL	BQL	BQL	BQL
2-Chlorotoluene	0.005	BQL	BQL	BQL	BQL
4-Chlorotoluene	0.005	BQL	BQL	BQL	BQL
1,2-Dibromoethane (EDB)	0.005	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,3-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL
Dichlorodifluoromethane	0.005	BQL	BQL	BQL	BQL
1,1-Dichloroethane	0.005	BQL	BQL	BQL	BQL
1,2-Dichloroethane	0.005	BQL	BQL	BQL	BQL
1,1-Dichloroethene	0.005	BQL	BQL	BQL	BQL
Cis-1,2-Dichloroethene	0.005	BQL	BQL	BQL	BQL
Trans-1,2-Dichloroethene	0.005	BQL	BQL	BQL	BQL
1,2-Dichloropropane	0.005	BQL	BQL	BQL	BQL
1,3-Dichloropropane	0.005	BQL	BQL	BQL	BQL
2,2-Dichloropropane	0.005	BQL	BQL	BQL	BQL
1,1-Dichloropropane	0.010	BQL	BQL	BQL	BQL
Cis-1,3-Dichloropropene	0.010	BQL	BQL	BQL	BQL
Trans-1,3-Dichloropropene	0.010	BQL	BQL	BQL	BQL
Ethyl Acetate	0.005	BQL	3.72	BQL	BQL
Ethyl Benzene	0.050	BQL	BQL	BQL	BQL
2-Hexanone	0.005	BQL	0.889	BQL	BQL
I-Propylbenzene	0.010	BQL	BQL	BQL	BQL
Isopropyl ether (IPE)	0.005	0.771	1.60	BQL	BQL
p-Isopropyltoluene	0.020	BQL	BQL	BQL	BQL
Methylene Chloride	0.100	BQL	BQL	BQL	BQL
4-Methyl-2-Pentanone	0.010	BQL	BQL	BQL	BQL
Methyl-Tert-Butyl ether (MTBE)	0.010	1.70	2.57	BQL	BQL
Naphthalene	0.005	BQL	1.70	BQL	BQL
N-Propylbenzene	0.010	BQL	BQL	BQL	BQL
Styrene	0.005	BQL	BQL	BQL	BQL
1,1,2,2-Tetrachloroethane	0.005	BQL	BQL	BQL	BQL
Tetrachloroethene	0.005	BQL	4.06	BQL	BQL
Toluene	0.005	BQL	BQL	BQL	BQL
1,1,1-Trichloroethane	0.005	BQL	BQL	BQL	BQL
1,1,2-Trichloroethane	0.005	BQL	BQL	BQL	BQL
Trichloroethene	0.005	BQL	BQL	BQL	BQL
Trichlorofluoromethane	0.005	BQL	BQL	BQL	BQL
1,2,3-Trichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,2,4-Trichlorobenzene	0.015	BQL	BQL	BQL	BQL
1,2,3-Trichloropropane	0.005	0.520	18.1	BQL	BQL
1,2,4-Trimethylbenzene	0.005	12.1	8.57	BQL	BQL
1,3,5-Trimethylbenzene	0.050	BQL	BQL	BQL	BQL
Vinyl Acetate	0.010	BQL	BQL	BQL	BQL
Vinyl Chloride	0.005	12.2	34.7	BQL	BQL
Total Xylenes	0.100	BQL	BQL	BQL	BQL
Carbon Disulfide	0.200	BQL	BQL	BQL	BQL
Acrylonitrile	0.100	BQL	BQL	BQL	BQL
Trans-1,4-Dichloro-2-butene	0.010	BQL	BQL	BQL	BQL
Methyl Iodide	0.010	BQL	BQL	BQL	BQL
Dibromomethane	0.005	BQL	BQL	BQL	BQL
1,1,1,2-Tetrachloroethane	0.025	BQL	BQL	BQL	BQL
1,2-Dibromo-3-Chloropropane(DBCP)		100	100	1	1
Dilution Factor		605224	605225	605227	605228
Sample Number		12/07/07	12/07/07	12/07/07	12/07/07
Sample Date		1045	1130	1240	1300
Sample Time (hrs)					

mg/kg = milligrams per kilogram = parts per million (ppm)
BQL = Below Quantitation Limits
NR = Not Requested

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS. SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

Toxicity Characteristic Leachate Procedure (TCLP) Analysis of Soil Samples Identified as 1584-07-070
(A S & ME, Inc. Project #1584-07-070, collected 07 December 2007)

EPA HW Number	Contaminant	Quantitation Limit(mg/l)	B1A Results (mg/l)	B1B Results (mg/l)	B2A Results (mg/l)	B2B Results (mg/l)	Characteristic Level(mg/l)	EPA Method
I. TCLP VOLATILES								
D-018	Benzene	0.050	BQL	BQL	BQL	BQL	0.500	8240
D-019	Carbon Tetrachloride	0.050	BQL	BQL	BQL	BQL	0.500	8240
D-021	Chlorobenzene	0.050	BQL	BQL	BQL	BQL	100	8240
D-022	Chloroform	0.050	BQL	BQL	BQL	BQL	6.00	8240
D-028	1,2-Dichloroethane	0.050	BQL	BQL	BQL	BQL	0.500	8240
D-029	1,1-Dichloroethylene	0.050	BQL	BQL	BQL	BQL	0.700	8240
D-035	Methyl Ethyl Ketone	1.00	BQL	BQL	BQL	BQL	200	8240
D-039	Tetrachloroethylene	0.050	BQL	BQL	BQL	BQL	0.700	8240
D-040	Trichloroethylene	0.050	BQL	BQL	BQL	BQL	0.500	8240
D-043	Vinyl Chloride	0.050	BQL	BQL	BQL	BQL	0.200	8240
	Sample Number		605224	605225	605227	605228		
	Sample Date		12/07/07	12/07/07	12/07/07	12/07/07		
	Sample Time (hrs)		1045	1130	1240	1300		
	Sample Matrix		Solid	Solid	Solid	Solid		

BQL = Below Quantitation Limits
mg/L = milligrams per Liter = parts per million (ppm)
mg/kg = milligrams per kilogram = parts per million (ppm)

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS. SIDNEY C. CHAMPION NO #94 DIRECTOR CERTIFIED ANALYSIS

Chemical Analysis for Selected Parameters and Sampling Location Identified as #1584-07-070
(A S & ME, Inc. Project #1584-07-070, collected 07 December 2007)

I. Semi-Volatile Organics EPA Method 8270 BNA Parameter	Quantitation Limit (mg/kg)	B-1 (mg/kg)	B-2 (mg/kg)
Acenaphthene	0.33	BQL	BQL
Acenaphthylene	0.33	BQL	BQL
Anthracene	0.33	**0.340**	BQL
Benzoic Acid	6.67	BQL	BQL
Benzo(a)anthracene	0.33	BQL	BQL
Benzo(b)fluoranthene	0.33	BQL	BQL
Benzo(k)fluoranthene	0.33	BQL	BQL
Benzo(ghi)perylene	0.33	BQL	BQL
Benzo(a)pyrene	0.33	BQL	BQL
Benzyl Alcohol	3.33	BQL	BQL
Bis(2-chloroethoxy)methane	0.33	BQL	BQL
Bis(2-chloroethyl)ether	0.33	BQL	BQL
Bis(2-chloroisopropyl)ether	0.33	BQL	BQL
Bis(2-ethyl-hexyl)phthalate	0.33	BQL	BQL
4-Bromophenyl phenyl ether	0.33	BQL	BQL
Benzyl butyl phthalate	0.33	**17.2**	BQL
4-Chloroaniline	1.65	BQL	BQL
4-Chloro-3-methylphenol	0.33	BQL	BQL
2-Chloronaphthalene	0.33	BQL	BQL
2-Chlorophenol	0.33	BQL	BQL
4-Chlorophenyl phenyl ether	0.33	BQL	BQL
Chrysene	0.33	**0.374**	BQL
Dibenzo(a,h)anthracene	0.33	BQL	BQL
Dibenzofuran	0.33	BQL	BQL
Di-N-Butyl phthalate	0.33	BQL	BQL
1,2-Dichlorobenzene	0.33	BQL	BQL
1,3-Dichlorobenzene	0.33	BQL	BQL
1,4-Dichlorobenzene	0.33	BQL	BQL
3,3-Dichlorobenzidine	0.66	BQL	BQL
2,4-Dichlorophenol	0.33	BQL	BQL
Diethyl phthalate	0.33	BQL	BQL
2,4-Dimethylphenol	0.33	BQL	BQL
Dimethyl phthalate	0.33	BQL	BQL
4,6-Dinitro-2-methylphenol	1.65	BQL	BQL
2,4-Dinitrophenol	1.65	BQL	BQL
2,4-Dinitrotoluene	0.33	BQL	BQL
2,6-Dinitrotoluene	0.33	BQL	BQL
Di-N-Octyl phthalate	0.33	BQL	BQL
Azobenzene	3.33	BQL	BQL
Fluoranthene	0.33	**0.588**	BQL
Fluorene	0.33	BQL	BQL
Hexachlorobenzene	0.33	BQL	BQL
Hexachlorobutadiene	0.33	BQL	BQL
Hexachlorocyclopentadiene	0.33	BQL	BQL
Hexachloroethane	0.33	BQL	BQL
Indeno(1,2,3-cd) pyrene	0.33	BQL	BQL
Isophorone	0.33	BQL	BQL
2-Methylnaphthalene	0.33	**0.618**	BQL
2-Methylphenol	1.65	BQL	BQL
4-Methylphenol	1.65	BQL	BQL
Nitrobenzene	0.33	BQL	BQL
2-Nitrophenol	0.33	BQL	BQL
4-Nitrophenol	1.65	BQL	BQL
N-Nitrosodiphenylamine	0.33	BQL	BQL
N-nitrosodi-n-propylamine	0.33	BQL	BQL
Pentachlorophenol	1.65	BQL	BQL
Phenanthrene	0.33	**0.852**	BQL
Phenol	0.33	BQL	BQL
Pyrene	0.33	**0.824**	**0.340**
1,2,4-Trichlorobenzene	0.33	BQL	BQL
2,4,6-Trichlorophenol	0.33	BQL	BQL
2-Methyl-4,6-dinitrophenol	1.65	BQL	BQL
Benzidine	1.65	BQL	BQL
1,2-Diphenylhydrazine	1.65	BQL	BQL
N-Nitrosodimethylamine	0.33	BQL	BQL
Dilution Factor		1	1
Sample Number		605226	605229
Sample Date		12/07/07	12/07/07
Sample Time (hrs)		1150	1315

II. Miscellaneous Parameter	Quantitation Limit (mg/kg)	B-1 (mg/kg)	B-2 (mg/kg)
Total Arsenic	1.0	BQL	BQL
Total Barium	4.0	**38.1**	**49.5**
Total Cadmium	0.100	**0.113**	**0.194**
Total Chromium	1.0	**13.3**	**21.0**
Total Lead	0.500	**22.9**	**16.8**
Total Mercury	0.200	BQL	BQL
Total Selenium	1.0	BQL	BQL
Total Silver	1.0	BQL	BQL
Total Aluminum	10.0	**15,300**	**11,600**
Nitrate	5.0	**24.3**	**120**
Dilution Factor		1	1
Sample Number		605226	605229
Sample Date		12/07/07	12/07/07
Sample Time (hrs)		1150	1315

mg/kg = milligrams per kilogram = parts per million (ppm)
BQL = Below Quantitation Limits

BNA = Base-Neutral Acid Extractables

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

Toxicity Characteristic Leachate Procedure (TCLP) Analysis of Selected Sample Locations Identified as #1584-07-070
(A S & ME, Inc. Project #1584-07-070, collected 12 December 2007)

	EPA HW Number	Contaminant	Quantitation Limit (mg/L)	B-1 Results (mg/L)	B-2 Results (mg/L)	Characteristic Level(mg/L)	EPA Method
I.	TCLP METALS						
	D-004	Arsenic	0.020	BQL	BQL	5.00	6010
	D-005	Barium	0.080	0.347	0.462	100	6010
	D-006	Cadmium	0.005	BQL	BQL	1.00	6010
	D-007	Chromium	0.020	BQL	BQL	5.00	6010
	D-008	Lead	0.010	0.028	BQL	5.00	6010
	D-009	Mercury	0.0020	BQL	BQL	0.200	7470
	D-010	Selenium	0.100	BQL	BQL	1.00	6010
	D-011	Silver	0.020	BQL	<0.020	5.00	6010
II.	TCLP SEMI-VOLATILES						
	D-023	O-Cresol	20.0	BQL	BQL	200	8270
	D-024	M-Cresol	20.0	BQL	BQL	200	8270
	D-025	p-Cresol	20.0	BQL	BQL	200	8270
	D-026	Cresol	20.0	BQL	BQL	200	8270
	D-027	1,4-Dichlorobenzene	0.750	BQL	BQL	7.50	8270
	D-030	2,4-Dinitrotoluene	0.100	BQL	BQL	0.130	8270
	D-032	Hexachlorobenzene	0.100	BQL	BQL	0.130	8270
	D-033	Hexachlorobutadiene	0.100	BQL	BQL	0.500	8270
	D-034	Hexachloroethane	0.300	BQL	BQL	3.00	8270
	D-036	Nitrobenzene	0.200	BQL	BQL	2.00	8270
	D-037	Pentachlorophenol	10.0	BQL	BQL	100	8270
	D-038	Pyridine	0.500	BQL	BQL	5.00	8240
	D-041	2,4,5-Trichlorophenol	40.0	BQL	BQL	400	8270
	D-042	2,4,6-Trichlorophenol	0.200	BQL	BQL	2.00	8270
III.	CORROSIVITY						
	D-002	pH	Std. Units	7.08	8.96		9045
IV.	IGNITABILITY						
	D-001	Ignitability		WNI	WNI		1010

Sample Number	605226	605229
Sample Date	12/07/07	12/07/07
Sample Time (hrs)	1150	1315
Sample Matrix	Solid	Solid

BQL = Below Quantitation Limits
mg/L = milligrams per Liter = parts per million (ppm)
NFL = No Free Liquids

WNI = Will Not Ignite
mg/kg = milligrams per kilogram = parts per million (ppm)
--- = Not Available FLP = Free Liquids Present

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS SIDNEY L. CHAMPION NC #94 DIRECTOR CERTIFIED ANALYSIS

Chemical Analysis for Selected Parameters and Sampling Locations Identified as #1584-07-070
(A S & ME, Inc. Project #1584-07-070, collected 07 December 2007)

I. Volatile Organics EPA Method 8260 B Parameter	Quantitation Limit (ppb)	IDW (ppb)
Methylene Chloride	10.0	BQL
Trichlorofluoromethane	5.0	BQL
1,1-Dichloroethene	5.0	BQL
1,1-Dichloroethane	5.0	BQL
Chloroform	5.0	BQL
Carbon Tetrachloride	10.0	BQL
1,2-Dichloropropane	5.0	BQL
Trichloroethene	5.0	BQL
Dibromochloromethane	5.0	BQL
1,1,2-Trichloroethane	5.0	BQL
Tetrachloroethene	5.0	BQL
Chlorobenzene	5.0	BQL
Trans-1,2-Dichloroethene	5.0	BQL
1,2-Dichloroethane	5.0	BQL
1,1,1-Trichloroethane	5.0	BQL
Bromodichloromethane	10.0	BQL
Cis-1,3-Dichloropropene	5.0	BQL
Benzene	10.0	BQL
Trans-1,3-Dichloropropene	5.0	BQL
Bromoform	5.0	BQL
1,1,2,2-Tetrachloroethane	5.0	BQL
Toluene	5.0	BQL
Ethyl Benzene	10.0	BQL
Chloromethane	10.0	BQL
Bromomethane	10.0	BQL
Vinyl Chloride	10.0	BQL
Chloroethane	100.0	BQL
Acetone	100.0	BQL
Carbon Disulfide	50.0	BQL
Vinyl Acetate	100.0	BQL
2-Butanone	100.0	BQL
4-Methyl-2-Pentanone	50.0	BQL
2-Hexanone	10.0	BQL
Styrene	5.0	BQL
Total Xylenes	200.0	BQL
Acrylonitrile	5.0	BQL
1,2-Dichlorobenzene	5.0	BQL
1,4-Dichlorobenzene	100.0	BQL
Trans-1,4-Dichloro-2-butene	5.0	BQL
Cis-1,2-Dichloroethene	10.0	BQL
Methyl Iodide	5.0	BQL
Bromochloromethane	10.0	BQL
Dibromomethane	10	BQL
Acrolein	10	BQL
2-chloroethylvinyl ether	5.0	BQL
1,1,1,2-Tetrachloroethane	15.0	BQL
1,2,3-Trichloropropane	25.0	BQL
1,2-Dibromo-3-Chloropropane(DBCP)	5.0	BQL
1,2-Dibromoethane (EDB)	5.0	BQL
p-Isopropyltoluene	5.0	BQL
N-Butylbenzene	5.0	BQL
1,3,5-Trimethylbenzene	5.0	BQL
1,2,4-Trimethylbenzene	5.0	BQL
2-Chlorotoluene	5.0	BQL
4-Chlorotoluene	5.0	BQL
Tert-Butylbenzene	5.0	BQL
Sec-Butylbenzene	5.0	BQL
I-Propylbenzene	5.0	BQL
N-Propylbenzene	5.0	BQL
Dilution Factor		1
Sample Number		605230
Sample Date		12/07/07
Sample Time (hrs)		1355

II. Semi-Volatile Organics EPA Method 8270 BNA Parameter	Quantitation Limit (ppb)	IDW (ppb)
4-Chloro-3-methylphenol	10.0	BQL
2-Chlorophenol	10.0	BQL
2,4-Dichlorophenol	10.0	BQL
2,4-Dimethylphenol	10.0	BQL
2,4-Dinitrophenol	50.0	BQL
2-Methyl-4,6-dinitrophenol	50.0	BQL
2-Nitrophenol	10.0	BQL
4-Nitrophenol	50.0	BQL
Pentachlorophenol	50.0	BQL
Phenol	10.0	BQL
2,4,6-Trichlorophenol	10.0	BQL
Acenaphthene	10.0	BQL
Acenaphthylene	10.0	BQL
Anthracene	10.0	BQL
Benzidine	50.0	BQL
Benzo(a)anthracene	10.0	BQL
Benzo(a)pyrene	10.0	BQL
Benzo(b)fluoranthene	10.0	BQL
Benzo(ghi)perylene	10.0	BQL
Benzo(k)fluoranthene	10.0	BQL
Benzyl butyl phthalate	10.0	BQL
Bis(2-chloroethoxy)methane	10.0	BQL
Bis(2-chloroethyl)ether	10.0	BQL
Bis(2-chloroisopropyl)ether	10.0	BQL
Bis(2-ethyl-hexyl)phthalate	10.0	0.040
4-Bromophenyl phenyl ether	10.0	BQL
2-Chloronaphthalene	10.0	BQL
4-Chlorophenyl phenyl ether	10.0	BQL
Chrysene	10.0	BQL
Dibenzo(a,h)anthracene	10.0	BQL
1,2-Dichlorobenzene	10.0	BQL
1,3-Dichlorobenzene	10.0	BQL
1,4-Dichlorobenzene	10.0	BQL
3,3-Dichlorobenzidine	20.0	BQL
Diethyl phthalate	10.0	BQL
Dimethyl phthalate	10.0	BQL
Di-N-Butyl phthalate	10.0	BQL
2,4-Dinitrotoluene	10.0	BQL
2,6-Dinitrotoluene	10.0	BQL
Di-N-Octyl phthalate	10.0	BQL
1,2-Diphenylhydrazine	50.0	BQL
Fluoranthene	10.0	BQL
Fluorene	10.0	BQL
Hexachlorobenzene	10.0	BQL
Hexachlorobutadiene	10.0	BQL
Hexachlorocyclopentadiene	10.0	BQL
Hexachloroethane	10.0	BQL
Indeno(1,2,3-cd) pyrene	10.0	BQL
Isophorone	10.0	BQL
2-Methylnapthalene	10.0	BQL
Nitrobenzene	10.0	BQL
N-Nitrosodimethylamine	10.0	BQL
N-nitrosodi-n-propylamine	10.0	BQL
N-Nitrosodiphenylamine	10.0	BQL
Phenanthrene	10.0	BQL
Pyrene	10.0	BQL
1,2,4-Trichlorobenzene	10.0	BQL
2,4,6-Trichlorophenol	10.0	BQL
2-Methyl-4,6-dinitrophenol	50.0	BQL
1,2-Diphenylhydrazine	50.0	BQL
N-Nitrosodimethylamine	10.0	BQL
Dilution Factor		1
Sample Number		605230
Sample Date		12/07/07
Sample Time (hrs)		1355

BNA = Base-Neutral Acid Extractables
BQL = Below Quantitation Limits
ppb = parts per billion

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

December 27, 2007

S&ME, Inc.
3718 Old Battleground Road
Greensboro, NC 27410
Attention: Ed Henriques

Chemical Analysis for Selected Parameters for Sample Identified as #1584-07-070
(A S&ME, Inc. Project #1584-07-070 , collected 07 December 2007)

I. RCRA Metals Parameter	IDW Results (mg/L)
Arsenic, Total	<0.005
Barium, Total	0.066
Cadmium, Total	0.001
Chromium, Total	0.016
Lead, Total	0.016
Mercury, Total	<0.0002
Selenium, Total	<0.005
Silver, Total	<0.005
Aluminum,Total	32.6

Sample Number:	605230
Sample Collected Date:	12/07/07
Sample Collected Time (Hrs):	1355

mg/L = milligrams per Liter = parts per million (ppm)

RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical / Process Consultations
Phone (336) 996-2841

CHAIN OF CUSTODY RECORD

COMPANY: S&ME Inc.	JOB NO.: 1504-07-070
STREET ADDRESS: 3718 Old Battleground Rd	PROJECT:
CITY, STATE, ZIP: Greensboro NC 27410	SAMPLER NAME (PLEASE PRINT): Edmund Henriques
CONTACT: Ed Henriques PHONE: 288-7180	SAMPLER SIGNATURE: Edmund Henriques

WATER / WASTEWATER | MISC.

SAMPLE NUMBER (LAB USE ONLY)	DATE	TIME	COMP	GRAB	TEMP °C	RES Cl	CHLORINE REMOVED (Y or N)	SAMPLE MATRIX (S or W)	SAMPLE LOCATION / I.D.	NO. OF CONTAINERS	2L G (BNA, Herb. / Pest.)	2 40ml Vials (VOA) HCL	250ml G (TOX)	250ml P (TOC) H_2SO_4	1L P.G (BOD, TSS, Unpreserved, etc.)	1L G (Phenol, Oil & Grease) H_2SO_4	1L P, G (COD, N, P) H_2SO_4	1L P, G (Metals, Hardness) HNO_3	1L P, G (CYANIDE) NaOH	Sterile P.G (Coliform)	REQUESTED ANALYSIS
WDS224	12-7-07	1045							B1A	4											Group A see below
225	12-7-07	1130							B1B	4											Group A see below
226	12-7-07	1150							B-1	7											Group B see below
	~~12-7-07~~	~~64~~																			
227	12-7-07	1340							B2A	4											Group A see below
228	12-7-07	1300							B2B	4											Group A see below
229	12-7-07	1315							B-2	7											Group B see below
230	12-7-07	1355							IDW	8											8260, 8270, 8-RCRA + Al

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Edmund Henriques	12-7-07 1540	
RELINQUISHED BY	DATE/TIME	RECEIVED BY
	12-7-07 1545	

REMARKS: Group A analysis = 8260 & 8260 TCLP (VOA)
Group B analyes = 8270, 8270 TCLP (SVOA), 8-RCRA + Al, 8-RCRA TCLP, pH ignitibility, nitrate

SAMPLE TEMPERATURE AT RECEIPT 3.0 °C

12/28/2007 13:25 336-9960326 R & A LABORATORIES PAGE 08/08

NC DWQ Laboratory Section Results

County: **DAVIE**
River Basin
Report To **WSROAP**

Collector: **C DAY**
Region: **WSRO**
Sample Matrix: **GROUNDWATER**
Loc. Type: **Monitoring Well**
Emergency Yes/No
COC Yes/No

VisitID

Loc. Descr.: **tOWN OF MOCKSVILLE MAINTENANCE SHOP**

Sample ID: **AB24640**
PO Number # **7G0903**
Date Received: **12/11/2007**
Time Received: **07:50**
Labworks LoginID **CGREEN**
Date Reported: 1/18/08

Report Generated: 01/31/2008

Location ID:	Collect Date:	Collect Time::	Sample Depth
1001B2COMP127	**12/07/2007**	**13:15**	

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: **1001B2COMP127**
Loc. Descr.: **tOWN OF MOCKSVILLE MAINTENANCE SHOP**
Visit ID

Sample ID **AB24640**
Collect Date: **12/07/2007**
Collect Time:: **13:15**

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		**0.3**		**°C**	DSAUNDERS	JGOODWIN
	Method Reference					12/11/07	12/11/07
MET							
7440-22-4	**Ag in solid samples by ICPMS**	0.20	**0.20**	**U**	**mg/Kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7440-38-2	**Arsenic solid samples by ICPMS**	0.20	**1.6**		**mg/Kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7440-38-3	**Barium in solid samples by ICP**	1.0	**68**		**mg/Kg**	DSTANLEY	ESTAFFORD
	Method Reference EPA 200.7					1/11/08	1/18/08
7440-43-9	**Cadmium in solids samples by ICPMS**	0.20	**0.42**		**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7440-47-3	**Cr in solids samples by ICPMS**	0.20	**26**		**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
7439-97-6	**Hg 245.5 solid**	0.02	**0.08**		**mg/Kg**	JJURGEVICH	ESTAFFORD
	Method Reference EPA 245.5					1/17/08	1/18/08
7439-92-1	**Lead in solids samples by ICPMS**	0.20	**25**		**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08
	Percent Dry Solids		**79.0**		**%**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.2					1/18/08	1/18/08
7782-49-2	**Selenium in solids samples by ICPMS**	0.20	**0.20**	**U**	**mg/kg**	PGAUTHIER	ESTAFFORD
	Method Reference EPA 200.8					1/11/08	1/18/08