

Liquid Removal and Disposal Report

West Salem Square, 1001 South Marshall Street
Winston-Salem, Forsyth County, County, North Carolina

Prepared for:
Cape Fear Commercial
Wilmington, North Carolina

ECS Carolinas, LLP
4811 Koger Boulevard
Greensboro, North Carolina 27407
(336) 856-7150





March 21, 2016

Mr. Paul Loukas
Cape Fear Commercial
1051 Military Cutoff Road
Wilmington, North Carolina 28405

Reference: Waste Removal and Disposal Report
1001 West Salem Square
South Marshall Street
Winston Salem, Forsyth County, North Carolina
ECS Project No. 49.1119

Dear Mr. Loukas,

Based on your authorization of our Proposal No. 49.86 dated January 14, 2016, Proposal No. 49.86-PR (revised) dated February 2, 2016, and Change Order #2 dated February 26, 2014, ECS Carolinas, LLP (ECS) has completed the Waste Removal and Disposal Report for the above referenced site. Included in this report is a description of the field activities, the results obtained, and our conclusions and recommendations.

ECS appreciates the opportunity to provide our services to you. If there are questions regarding this report, or a need for further information, please contact us at (336) 856-7150.

Respectfully submitted,

ECS CAROLINAS, LLP

Randy H. Cavallier
Senior Environmental Project Manager

John M. Stewart, P.G.
Chief Geologist

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1.0 SITE INFORMATION

The subject site is located at 1001 South Marshall Street in Winston-Salem, Forsyth County, North Carolina (Figure 1 and Figure 2). ECS conducted a Phase I Environmental Site Assessment (ESA) of the site in 2014 (ECS Project No. 09-24723). The site is an approximate 2.55 acre area that contains four parcels. The subject site contains a three-story former manufacturing building that has been up fitted with office/business spaces. The building is currently occupied by numerous businesses. The building is cooled with a chiller system and several of the individual units are heated with electrical heat pumps. During the site reconnaissance, what appeared to be a pit was observed below the surface of the chiller room in the basement of the building. This pit appeared to be filled with a water/oil mixture. Site Photographs are included in Appendix A. The potential for a release from this pit was considered to be a recognized environmental condition (REC) of the site. ECS estimated that the pit was approximately 20 feet long, 10 feet wide, and 10 feet tall with an estimated 1,250 gallons of liquid.

To remove the liquid in the pit as a potential source of ongoing contamination, ECS was contracted by Mr. Paul Loukas with Cape Fear Commercial to remove the existing liquid from the pit and clean the floor and walls of the pit. Project information is based on a conversation between Mr. Loukas EDG and Mr. Randy Cavallier of ECS and the previously cited report.

2.0 FIELD ACTIVITIES

2.1 Introduction to Scope of Work

The project consisted of collecting a sample of the liquid from the pit for laboratory analysis to determine if the material was to be handled as hazardous or non-hazardous waste. Following the waste determination, ECS contracted with Zebra Environmental and Industrial Services, Inc. (Zebra) to remove and dispose of the liquid and clean the floors and walls of the pit.

2.2 Waste Determination

On January 13, 2016, ECS personnel collected a sample of the liquid from the pit. The sample was collected using a disposable polyethylene bailer and new length of nylon cord. The sample consisted of clear liquid and very viscous oil. The sampler wearing a new pair of nitrile gloves placed the samples in laboratory prepared containers, labeled them, and placed them into a cooler with ice to maintain the samples at a temperature of 4°C. The samples were transported to Research and Analytical Laboratories, Inc. (R&A) to be analyzed for volatile organic compounds (VOCs) using EPA Method 8260, semi-volatile organic compounds (SVOCs) using EPA 8270BNA (base neutral and acid extractable), and RCRA metals using the Toxic Characteristic Leachate Procedure (TCLP). The analysis was required by Zebra for their disposal determination (hazardous or non-hazardous). A COC was maintained during the sample collection and transportation process and is included in Appendix B.

Laboratory analytical results did not detect target VOCs, SVOCs or metals above the laboratory quantitation limits; therefore, the liquid was considered non-hazardous. The laboratory analytical data sheets are included in Appendix B.

2.3 Liquid Removal and Disposal

On January 29, 2016, ECS and their environmental contractor, Zebra Environmental Services (Zebra) mobilized to the site. Zebra utilized a vacuum truck to remove the liquid. Upon removal of approximately 6,000 gallons of liquid from the pit, Zebra personnel were able to access the pit and determined that the pit was in fact a much larger boiler/mechanical room, complete with a boiler and associated piping. The boiler room was also connected to a room of unknown size. The boiler room was measured to be 60 feet long, 10 feet wide, and 10 feet tall. The adjoining room was measured to be 12 feet long, 12 feet wide, and 10 feet tall (See Photographs, Appendix A and Figure 3). At that time, 6,800 gallons of liquid and 75 gallons of sludge had been removed by Zebra. The Material Manifests for the waste is included in Appendix C.

Between February 4 and February 8, 2016, ECS and Zebra returned to the site to complete the project. Upon further inspection, the material coating the boiler, piping, walls, and floor was a semi-solid material that could not be removed using the vacuum truck. Zebra physically scraped the material off the floors, walls and equipment and placed it into drums for disposal. There was also wood debris and old piping, pumps, and motors that were removed and disposed of. Following the removal of the liquids, sludge, and debris, Zebra cleaned the walls, floors and ceilings of the rooms and the boiler equipment and associated piping using a high-pressure steam cleaner, degreasers, and scrapers. The wash water was removed using the vacuum truck. An additional 5,400 gallons of liquid and 893 gallons of sludge were removed and transported for disposal during this phase of the project. The Material Manifests for the waste is included in Appendix C.

A vault and/or tank of unknown size was discovered beneath the smaller room. The tank was full of liquid. On March 7 and March 8, 2016, Zebra returned to the site to pump out the vault/tank and to access it for cleaning. The vault was constructed of concrete and measured 10 feet long, 10 feet wide, and 5 feet tall. An 18-inch diameter 4-foot deep sump was located directly beneath the opening in the floor of the smaller room above (See photos). Approximately 3,900 gallons of liquid, 125 gallons of sludge, and 725 pounds of metal and concrete debris was removed from the vault. The Material Manifests for the waste is included in Appendix C.

3.0 CONCLUSIONS

Laboratory analytical results of the material which had accumulated on the boiler room floor did not detect target VOCs, SVOCs or metals above the laboratory quantitation limits; therefore, the liquid was considered non-hazardous. Zebra removed a total of 16,100 gallons of liquid, 1,093 gallons of sludge, and 725 pounds of metal and concrete debris for off-site disposal from the site. Zebra did not report and photographs do not show breaches, cracks, or holes in the concrete floors or walls of the vault.

*Waste Removal and Disposal Report
West Salem Square
1001 South Marshall Street
Winston Salem, Forsyth County, North Carolina
ECS Project 49.1119
March 21, 2016*

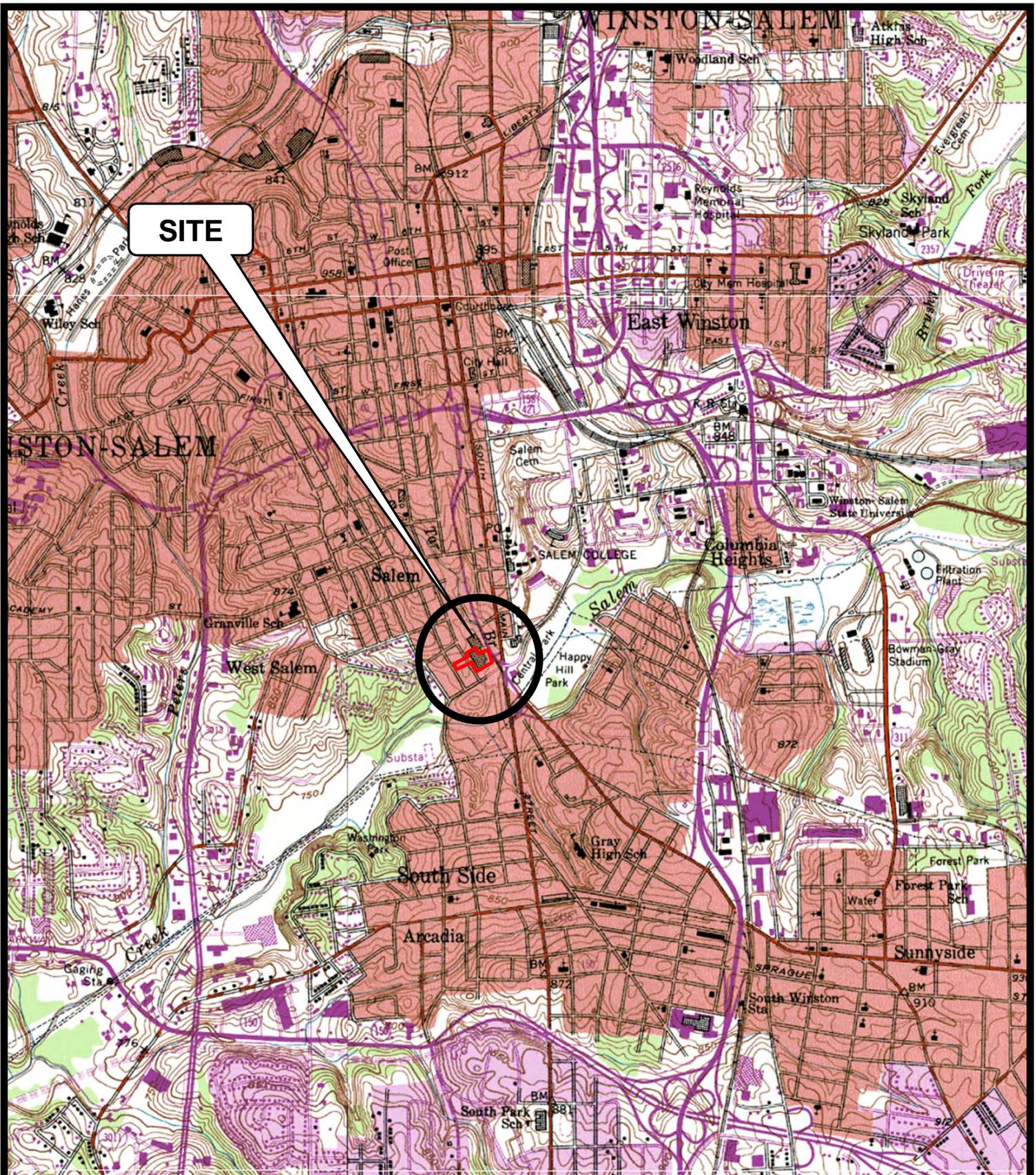
4.0 RECOMMENDATIONS

Based on the laboratory analytical results, visual and photographic observations, ECS does not recommend additional assessment at the site.

5.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in projects of this type. Our evaluation of site conditions has been based on our understanding of the site project information and the data obtained during our field activities. This report was prepared for the express use of Cape Fear Commercial. Use of this report by other individuals or companies implies their acceptance of the General Conditions of Service of the original contract.

FIGURES



SITE

SOURCE:

USGS TOPOGRAPHIC MAP

WINSTON-SALEM EAST, NC QUADRANGLE
 DATED 1950 AND REVISED 1994
 WINSTON-SALEM WEST, NC QUADRANGLE
 DATED 1950 AND REVISED 1994

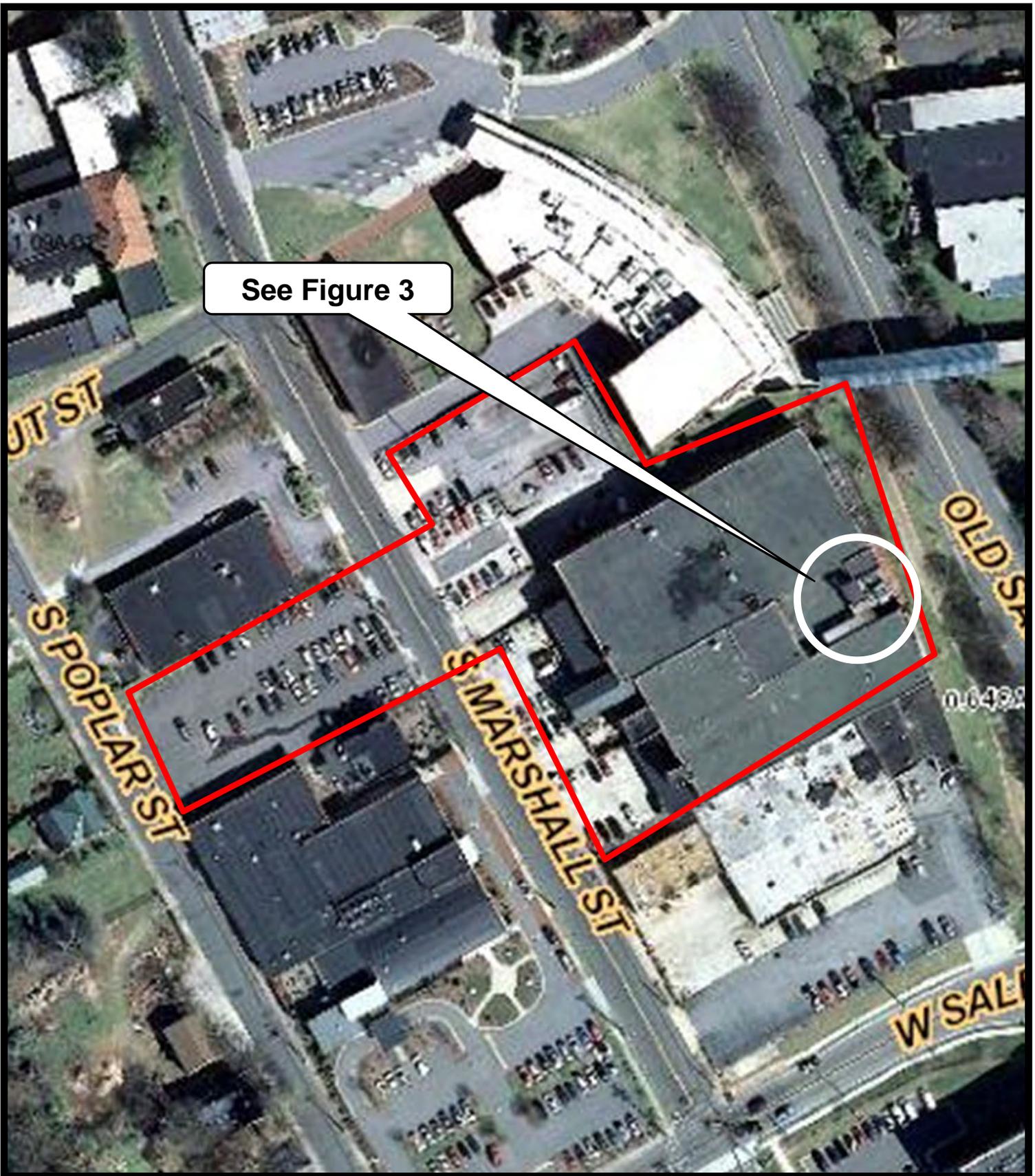
SCALE 1"~2,000'



FIGURE 1

SITE LOCATION MAP
 WEST SALEM SQUARE
 1001 SOUTH MARSHALL STREET
 WINSTON-SALEM, NORTH CAROLINA

ECS PROJECT NO. 49-1119



See Figure 3



SOURCE:

FORSYTH COUNTY GIS DEPARTMENT
AERIAL PHOTOGRAPH, DATED 2010

SCALE 1"~100"

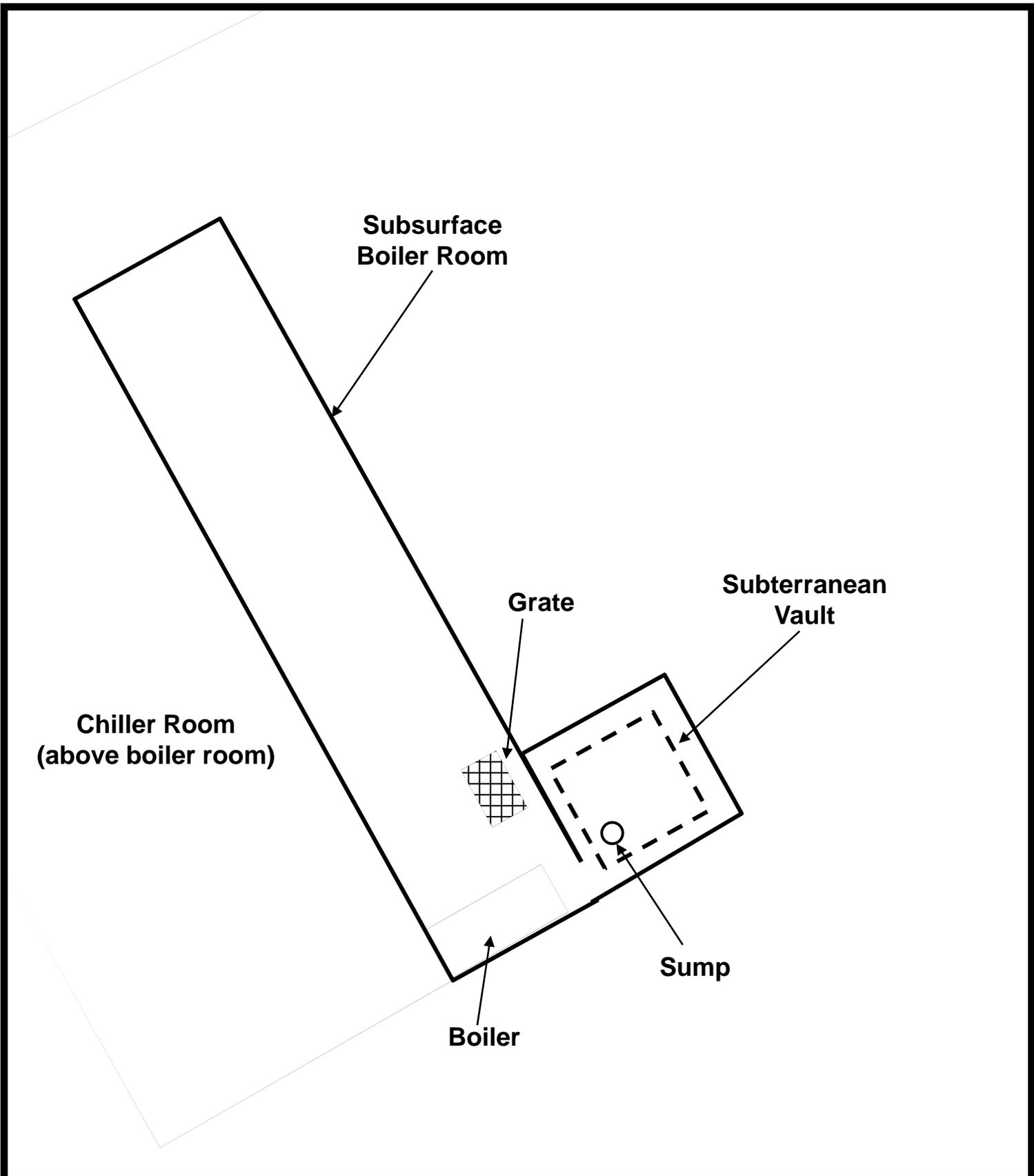


FIGURE 2

SITE MAP

WEST SALEM SQUARE
1001 SOUTH MARSHALL STREET
WINSTON-SALEM, NORTH CAROLINA

ECS PROJECT NO. 49-1119



Chiller Room
(above boiler room)

Subsurface
Boiler Room

Grate

Subterranean
Vault

Sump

Boiler

SOURCE:
ECS FIELD NOTES
SCALE 1"=15"



FIGURE 3
BOILER ROOM MAP

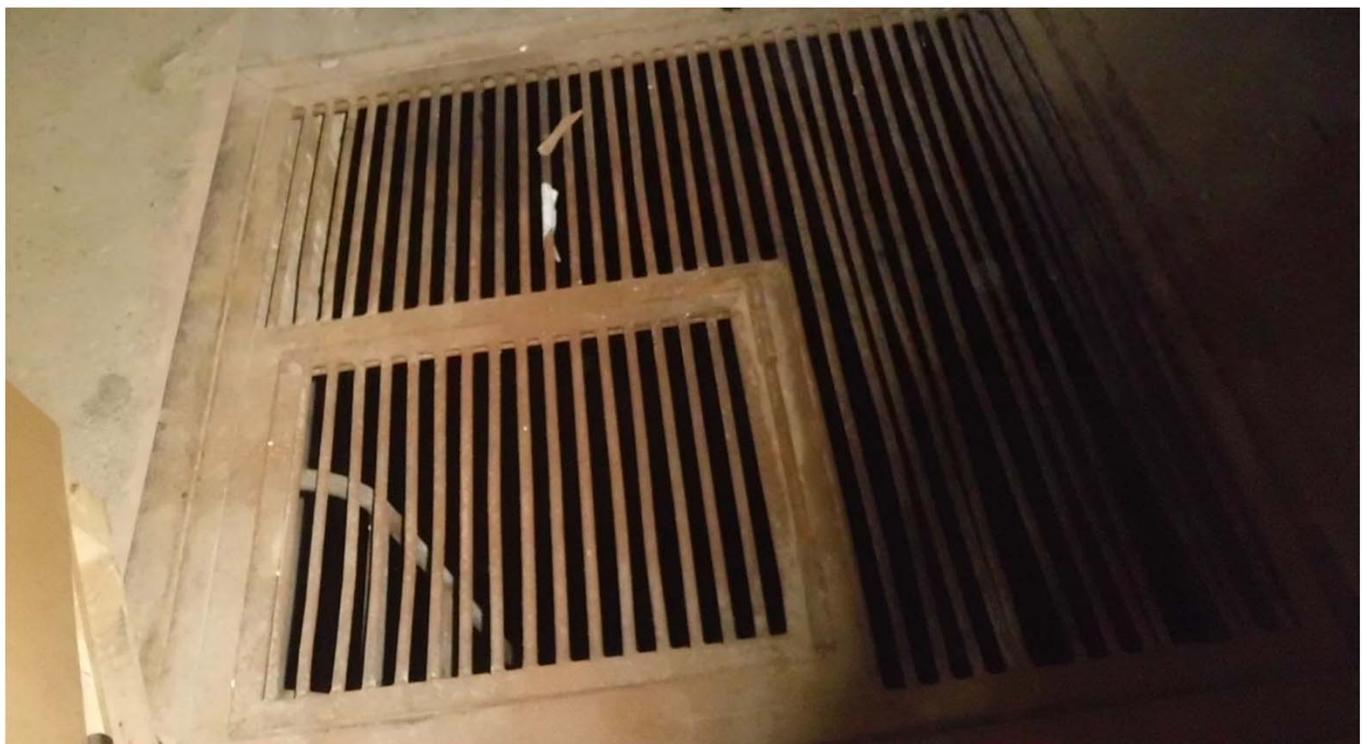
WEST SALEM SQUARE
1001 SOUTH MARSHALL STREET
WINSTON-SALEM, NORTH CAROLINA

ECS PROJECT NO. 49-1119

APPENDIX A
(Site Photographs)



Photograph 1: 1001 South Marshall Street



Photograph 2: Grate in Chiller Room Above Boiler Room



PHOTOGRAPH LOG

1001 SOUTH MARSHALL STREET
WINSTON-SALEM, FORSYTH COUNTY,
NORTH CAROLINA
ECS PROJECT NO. 49-1119



Photograph 3: Water/Oil in Boiler Room



Photograph 4: Northern View of Boiler Room Before Cleaning



PHOTOGRAPH LOG

1001 SOUTH MARSHALL STREET
WINSTON-SALEM, FORSYTH COUNTY,
NORTH CAROLINA
ECS PROJECT NO. 49-1119



Photograph 5: Boiler Before Cleaning



Photograph 6: Boiler After Cleaning



PHOTOGRAPH LOG

1001 SOUTH MARSHALL STREET
WINSTON-SALEM, FORSYTH COUNTY,
NORTH CAROLINA
ECS PROJECT NO. 49-1119



Photograph 7: Room Adjoining Boiler Room (Vault Below)



Photograph 8: Pump Above Vault in Adjoining Room



PHOTOGRAPH LOG

1001 SOUTH MARSHALL STREET
WINSTON-SALEM, FORSYTH COUNTY,
NORTH CAROLINA
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Photograph 9: Vault Beneath Adjoining Room



Photograph 10: Sump in Floor of Vault



PHOTOGRAPH LOG

1001 SOUTH MARSHALL STREET
WINSTON-SALEM, FORSYTH COUNTY,
NORTH CAROLINA
ECS PROJECT NO. 49-1119



Photograph 11: Floor of Vault



Photograph 12: Pump and Debris from Vault



PHOTOGRAPH LOG

1001 SOUTH MARSHALL STREET
WINSTON-SALEM, FORSYTH COUNTY,
NORTH CAROLINA
ECS PROJECT NO. 49-1119

APPENDIX B
(Laboratory Data Sheets and Chain-of-Custody Record)



**Chemical Analysis for Selected Parameters and Sampling Location Identified as West Salem
(An ECS Carolinas, LLP Project, collected 13 January 2016)**

I. Volatile Organics	Quantitation	Pit-1
EPA Method 8260 B	Limit	
Parameter	(ppb)	(ppb)
Acetone	25	BQL
Acrolein	100	BQL
Acrylonitrile	100	BQL
Benzene	0.5	BQL
Bromobenzene	0.5	BQL
Bromochloromethane	0.5	BQL
Bromodichloromethane	0.5	BQL
Bromoform	1.0	BQL
Bromomethane	1.0	BQL
2-Butanone	25	BQL
Carbon Disulfide	5.0	BQL
Carbon Tetrachloride	0.5	BQL
Chlorobenzene	0.5	BQL
Chloroethane	1.0	BQL
2-Chloroethyl vinyl ether	5.0	BQL
Chloroform	0.5	BQL
Chloromethane	1.0	BQL
2-Chlorotoluene	0.5	BQL
4-Chlorotoluene	0.5	BQL
Cis-1,2-Dichloroethene	0.5	BQL
Cis-1,3-Dichloropropene	0.5	BQL
1,2-Dibromo-3-Chloropropane(DBCP)	5.0	BQL
1,2-Dibromoethane (EDB)	0.5	BQL
Dibromochloromethane	0.5	BQL
Dibromomethane	0.5	BQL
1,2-Dichlorobenzene	0.5	BQL
1,3-Dichlorobenzene	0.5	BQL
1,4-Dichlorobenzene	0.5	BQL
1,1-Dichloroethane	0.5	BQL
1,2-Dichloroethane	0.5	BQL
1,1-Dichloroethene	0.5	BQL
Dichlorofluoromethane	0.5	BQL
1,2-Dichloropropane	0.5	BQL
1,3-Dichloropropane	0.5	BQL
2,2-Dichloropropane	0.5	BQL
1,1-Dichloropropene	0.5	BQL
Ethyl Benzene	0.5	BQL
2-Hexanone	5.0	BQL
IFE	0.5	BQL
1-Propylbenzene	0.5	BQL
4-Methyl-2-Pentanone	5.0	BQL
Methyl Iodide	1.0	BQL
Methylene Chloride	5.0	BQL
MTBE	0.5	BQL
Naphthalene	0.5	BQL
N-Butylbenzene	0.5	BQL
N-Propylbenzene	0.5	BQL
p-Isopropyltoluene	0.5	BQL
Sec-Butylbenzene	0.5	BQL
Styrene	0.5	BQL
Tert-Butylbenzene	0.5	BQL
1,1,1,2-Tetrachloroethane	0.5	BQL
1,1,1,2,2-Tetrachloroethane	0.5	BQL
Tetrachloroethene	0.5	BQL
Toluene	0.5	BQL
Trans-1,2-Dichloroethene	0.5	BQL
Trans-1,3-Dichloropropene	0.5	BQL
Trans-1,4-Dichloro-2-butene	5.0	BQL
1,2,3-Trichlorobenzene	0.5	BQL
1,2,4-Trichlorobenzene	0.5	BQL
1,1,1-Trichloroethane	0.5	BQL
1,1,2-Trichloroethane	0.5	BQL
Trichloroethene	0.5	BQL
Trichlorofluoromethane	0.5	BQL
1,2,3-Trichloropropane	0.5	BQL
1,2,4-Trimethylbenzene	0.5	BQL
1,3,5-Trimethylbenzene	0.5	BQL
Vinyl Acetate	1.0	BQL
Vinyl Chloride	0.5	BQL
Total Xylenes	1.0	BQL
Dilution Factor		1
Sample Number		13831-01
Sample Date		01/13/16
Sample Time (hrs)		1200
Date Analyzed		01/19/16
Time Analyzed		0059
Surrogate Recovery (DBFM)	Range (70-130%)	111%
Surrogate Recovery (Toluene-d8)	Range (70-130%)	102%
Surrogate Recovery (4-BFB)	Range (70-130%)	93%



RESEARCH & ANALYTICAL LABORATORIES, Inc.

Analytical/Process Consultations



Chemical Analysis for Selected Parameters and Sampling Location Identified as West Salem (An ECS Carolinas, LLP Project, collected 13 January 2016)

II. Semi-Volatile Organics EPA Method 8270 BNA	Quantitation	Pit-1
Parameter	Limit (ppb)	(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
Benazidine	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
Benzyol 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	BQL
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
Naphthalene	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-Methylnaphthalene	10.0	BQL
1-Methylnaphthalene	10.0	BQL

Dilution Factor

1

Sample Number	13831-01
Sample Date	01/13/16
Sample Time (hrs)	1200
Date Extracted	01/08/16
Date Analyzed	01/17/16
Time Analyzed	0416
Surrogate Recovery	Range
(2-Fluorophenol)	(21-110%) 53%
(Phenol-d6)	(10-110%) 32%
(Nitrobenzene-d5)	(35-114%) 92%
(2,4,6-Tribromophenol)	(10-123%) 76%
(2-Fluorobiphenyl)	(43-116%) 83%
(4-Terphenyl-d14)	(33-141%) 68%



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Analytical/Process Consultations



***Toxicity Characteristic Leachate Procedure (TCLP) Analysis of Water Samples Identified as West Salem
(An ECS Carolinas, LLP Project, collected 13 January 2016)***

<u>EPA HW Number</u>	<u>Contaminant</u>	<u>Quantitation Limit(mg/l)</u>	<u>Pit-1 Results (mg/l)</u>	<u>Characteristic Level(mg/l)</u>	<u>EPA Method</u>
III. TCLP METALS					
D-004	Arsenic	0.010	BQL	5.00	6010
D-005	Barium	0.040	BQL	100	6010
D-006	Cadmium	0.005	BQL	1.00	6010
D-077	Chromium	0.010	BQL	5.00	6010
D-008	Lead	0.005	BQL	5.00	6010
D-009	Mercury	0.0020	BQL	0.200	7470
D-010	Selenium	0.100	BQL	1.00	6010
D-011	Silver	0.010	BQL	5.00	6010

Sample Number	13831-01
Sample Date	01/13/16
Sample Time (hrs)	1200
Sample Matrix	Water



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LABORATORIES, INC.**

Analytical/Process Consultations

CASE NARRATIVE

**One (1) water sample was received in good condition on 13 January 2016.
The sample was analyzed without difficulties unless noted below.**

01/20/16

Sidney L. Champion
Director of Laboratory Services

Date

QA/QC Summary

METHOD: 8260/6200B(5/10/20/50/500/1000 PPB QC)

FILE NAME: WLC0118

CLIENT: ECS(CAROLINAS)(PROJECT: WEST SALEM)

Sample ID:		13831 - 01			INSTUMENT: MS-2		Page 1 of 2		
Extraction Method	N/A								
Date Extracted	N/A								
Weight Extracted	25ML								
Final Extract Volume	25ML								
Date Analyzed	01/18/16								
% Surrogate Recovery	104	111	96						
Acceptance Range	(70-130)	(70-130)	(70-130)						
Compound	MDL	Method	LCS %	LCS Acceptance Range	MS	MSD	RPD	QC LIMITS	
	ug/L	Blank	Recovery		% Rec.	% Rec.		RPD	% REC
DICHLORODIFLUOROMETHANE	0.12	ND	113	70-130					
CHLOROMETHANE	0.07	ND	104	70-130					
VINYL CHLORIDE	0.11	ND	110	70-130					
BROMOMETHANE	0.18	ND	105	70-130					
CHLOROETHANE	0.11	ND	116	70-130					
TRICHLOROFLUOROMETHANE	0.09	ND	109	70-130					
ACETONE	1.18	ND	112	70-130					
ACRYLONITRILE	12.38	ND	124	70-130					
2-BUTANONE	0.88	ND	104	70-130					
1,1-DICHLOROETHENE	0.09	ND	112	70-130	93	98	6	14	70-130
METHYL IODIDE	0.19	ND	122	70-130					
CARBON DISULFIDE	0.45	ND	113	70-130					
METHYLENE CHLORIDE	0.57	ND	108	70-130					
TRANS-1,2-DICHLOROETHENE	0.10	ND	109	70-130					
1,1-DICHLOROETHANE	0.17	ND	109	70-130					
ISOPROPYL ETHER(IPE)	0.12	ND	115	70-130					
METHYL-TERT-BUTYL ETHER(MTBE)	0.16	ND	105	70-130					
VINYL ACETATE	0.24	ND	111	70-130					
CIS-1,2-DICHLOROETHENE	0.09	ND	106	70-130					
2,2-DICHLOROPROPANE	0.09	ND	105	70-130					
BROMOCHLOROMETHANE	0.12	ND	114	70-130					
CHLOROFORM	0.05	ND	107	70-130					
1,1,1-TRICHLOROETHANE	0.12	ND	108	70-130					
CARBON TETRACHLORIDE	0.10	ND	105	70-130					
1,1-DICHLOROPROPENE	0.12	ND	109	70-130					
BENZENE	0.05	ND	107	70-130	98	97	2	11	70-130
ETHYL ACETATE	0.35	ND	104	70-130					
1,2-DICHLOROETHANE	0.09	ND	106	70-130					
TRICHLOROETHENE(TCE)	0.12	ND	104	70-130	95	94	2	14	70-130
1,2-DICHLOROPROPANE	0.10	ND	111	70-130					
DIBROMOETHANE	0.25	ND	113	70-130					

COMMENTS:

QA/QC Summary

Method: 8260/6200B(5/10/20/50/500/1000 PPB QC)
FILE NAME: WLC0118
Page 2 of 2
CLIENT: ECS(CAROLINAS)(PROJECT: WEST SALEM)

SAMPLE ID: Compound	13831 - 01			LCS Acceptr ange	MS % Rec.	MSD % Rec.	RPD	QC LIMITS	
	MDL ug/L	Method Blank	LCS % Recovery					RPD	% REC
BROMODICHLOROMETHANE	0.07	ND	115	70-130					
4-METHYL-2-PENTANONE	1.01	ND	125	70-130					
CIS-1,3-DICHLOROPROPENE	0.10	ND	114	70-130					
TOLUENE	0.26	ND	108	70-130	94	87	7	13	70-130
TRANS-1,3-DICHLOROPROPENE	0.12	ND	117	70-130					
1,1,2-TRICHLOROETHANE	0.20	ND	112	70-130					
TETRACHLOROETHENE(PCE)	0.17	ND	117	70-130					
2-HEXANONE	1.42	ND	122	70-130					
DIBROMOCHLOROMETHANE	0.07	ND	110	70-130					
1,3-DICHLOROPROPANE	0.13	ND	114	70-130					
1,2-DIBROMOETHANE(EDB)	0.15	ND	118	70-130					
CHLOROBENZENE	0.10	ND	108	70-130	98	92	6	13	70-130
1,1,1,2-TETRACHLOROETHANE	0.10	ND	103	70-130					
ETHYLBENZENE	0.07	ND	109	70-130					
TOTAL XYLENES(M&P, O)	0.29	ND	105	70-130					
STYRENE	0.04	ND	107	70-130					
BROMOFORM	0.29	ND	99	70-130					
ISOPROPYLBENZENE	0.08	ND	107	70-130					
BROMOBENZENE	0.07	ND	106	70-130					
1,2,3-TRICHLOROPROPANE	0.11	ND	108	70-130					
TRANS-1,4-DICHLORO-2-BUTENE	0.52	ND	115	70-130					
N-PROPYLBENZENE	0.08	ND	107	70-130					
2-CHLOROTOLUENE	0.10	ND	105	70-130					
4-CHLOROTOLUENE	0.09	ND	102	70-130					
1,3,5-TRIMETHYLBENZENE	0.07	ND	102	70-130					
TERT-BUTYLBENZENE	0.08	ND	105	70-130					
1,2,4-TRIMETHYLBENZENE	0.07	ND	108	70-130					
SEC-BUTYLBENZENE	0.12	ND	109	70-130					
1,3-DICHLOROBENZENE	0.12	ND	100	70-130					
1,1,2,2-TETRACHLOROETHANE	0.08	ND	110	70-130					
P-ISOPROPYLTOLUENE	0.09	ND	110	70-130					
1,4-DICHLOROBENZENE	0.08	ND	109	70-130					
1,2-DICHLOROBENZENE	0.09	ND	105	70-130					
N-BUTYLBENZENE	0.10	ND	111	70-130					
1,2-DIBROMO-3-CHLOROPROPANE(DPCP)	0.49	ND	117	70-130					
1,2,4-TRICHLOROBENZENE	0.47	ND	110	70-130					
NAPHTHALENE	0.18	ND	123	70-130					
1,2,3-TRICHLOROBENZENE	0.18	ND	116	70-130					

COMMENTS:

QA/QC Summary

Method: **625 (100/200 PPB OC)** FILE NAME: **WLC0116A-MS1** Page 1 of 2

CLIENT: **ECS (PROJECT:WEST SALEM)**

SAMPLE ID:		13831-01			INSTRUMENT:MS-1				
Extraction Method	3510								
Date Extracted	01/08/16								
Weight Extracted	1L								
Final Extract Volume	1ML								
Date Analyzed	01/16/16								
% Surrogate Recovery	48	34	66	70	77	74			
Acceptance Range	(5 - 77)	(7 - 64)	(29 - 149)	(12 - 123)	(10 - 133)	(20 - 133)			
Compound	MDL UG/L	Method Blank	LCS % Recovery	LCS Accept. Range	MS % Rec.	MSD % Rec.	RPD	QC LIMITS	
								RPD	% REC
N-Nitrosodimethylamine	0.970	ND	58	8-104					
Bis(2-chloroethyl)ether	0.430	ND	82	45-111					
Phenol	0.460	ND	39	D-76	29	29	1	42	12-110
2-Chlorophenol	0.300	ND	72	30-107	74	74	1	40	27-123
1,3-Dichlorobenzene	0.250	ND	64	48-90					
1,4-Dichlorobenzene	0.200	ND	64	50-90	54	52	4	28	36-97
1,2-Dichlorobenzene	0.100	ND	65	50-93					
Bis(2-chloroisopropyl)ether	0.380	ND	81	50-107					
N-nitrosodi-n-propylamine	0.500	ND	75	47-111	74	74	0	38	41-116
Hexachloroethane	0.220	ND	62	36-90					
2-Nitrophenol	0.670	ND	71	33-110					
2,4-Dimethylphenol	1.550	ND	58	43-100					
Nitrobenzene	0.500	ND	69	46-112					
Isophorone	0.510	ND	57	50-104					
Bis(2-chloroethoxy)methane	0.420	ND	71	49-105					
2,4-Dichlorophenol	0.540	ND	63	33-108					
1,2,4-Trichlorobenzene	0.560	ND	64	47-95	85	88	3	28	39-98
4-Chloro-3-methylphenol	1.830	ND	66	44-107	76	76	1	42	23-97
Naphthalene	0.710	ND	63	50-96					
Hexachlorobutadiene	0.770	ND	58	24-100					
2,4,6-Trichlorophenol	0.540	ND	72	22-124					
2-Methyl-4,6-Dinitrophenol	3.250	ND	79	16-115					
4-Nitrophenol	6.670	ND	37	1-69	43	49	13	50	10-80
Hexachlorocyclopentadiene	0.970	ND	67	16-85					

N/A = Data Not Available

* = FAILED

QA/QC Summary

Method: 625 (100/200 PPB QC)

FILE NAME: WLC0116A-MS1

Page 2 of 2

CLIENT: ECS (PROJECT: WEST SALEM)

Compound	MDL	Method	LCS %	LCS Acceptance	MS	MSD	RPD	QC LIMITS	
	UG/L	Blank	Recovery		% Rec.	% Rec.			
2-Chloronaphthalene	0.420	ND	64	51-100				RPD	%REC
Dimethyl phthalate	0.400	ND	73	47-107					
Acenaphthylene	0.150	ND	63	49-100					
2,6-Dinitrotoluene	0.670	ND	66	49-106					
Accnaphthene	0.280	ND	72	48-102	63	63	1	31	46-118
2,4-Dinitrotoluene	0.670	ND	83	50-106	78	83	6	38	24-96
Diethyl phthalate	0.820	ND	66	49-107					
4-Chlorophenyl phenyl ether	0.730	ND	71	43-112					
2,4-Dinitrophenol	4.190	ND	71	D-118					
Pentachlorophenol	5.220	ND	78	15-123	72	75	4	50	9-103
N-Nitrosodiphenylamine	1.150	ND	66	35-121					
4-Bromophenyl phenyl ether	0.670	ND	73	48-107					
Hexachlorobenzene	0.390	ND	67	50-102					
Phenanthrene	0.280	ND	79	42-105					
Anthracene	0.200	ND	71	44-104					
Di-N-Butyl phthalate	0.650	ND	76	44-111					
Benzydine	3.370	ND	7	D-48					
Pyrene	1.920	ND	74	39-107	77	75	3	31	26-127
Benzyl butyl phthalate	1.220	ND	73	39-116					
Benzo(a)anthracene	0.380	ND	80	36-114					
3,3-Dichlorobenzidine	5.050	ND	26	6-52					
Chrysene	0.700	ND	81	45-99					
Bis(2-ethyl-hexyl)phthalate	1.140	ND	78	30-134					
Di-N-Octyl phthalate	0.740	ND	67	37-131					
Benzo(b)fluoranthene	0.770	ND	78	49-107					
Benzo(k)fluoranthene	0.600	ND	58	37-112					
Benzo(a)pyrene	0.430	ND	71	49-105					
Indeno(1,2,3-cd) pyrene	1.210	ND	76	38-122					
Dibenzo(a,h)anthracene	1.680	ND	72	43-118					
Benzo(g,h,i)perylene	1.780	ND	76	42-119					
N/A = Data Not Available * = FAILED									



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

Quality Control Summary Results for Project Identified as West Salem (An ECS Carolinas Project, collected 03 October 2012)

<u>Parameter</u>	<u>Prep Blank</u>	<u>ICV % Recovery</u>	<u>Spike % Recovery</u>	<u>Duplicate % Difference</u>
Arsenic, TCLP	BDL	101	98	<1
Barium, TCLP	BDL	104	117	<1
Cadmium, TCLP	BDL	103	116	<1
Lead, TCLP	BDL	101	114	<1
Chromium, TCLP	BDL	103	102	<1
Mercury, TCLP	BDL	99	97	3
Selenium, TCLP	BDL	99	116	2
Silver, TCLP	BDL	104	106	<1

Corresponding Sample Numbers: 13831-01

% = Percent

ICV = Initial Calibration Verification

LCS = Laboratory Control Sample

APPENDIX C
(Material Manifests)

MATERIAL MANIFEST



EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261
TEL (336) 841-5276
FAX (336) 841-5509

Manifest Document No. 60165-1
Page 17 of 1
Zebra Job No. 60165

GENERATOR INFORMATION

Name ECS Cavolinas	US EPA ID No.
Street Address 1001 South Marshall St Winston Salem	Mailing Address 4611 Kroger Blvd Greensboro NC
Phone No. 856-7150	Contact Randy Cavallier

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty. Type	Total Quantity	Unit Wt./Vol.
a.	Non-Hazardous liquid WAS.	WA	NA	WA	1 TT	3425	G
b.							
c.							

ADDITIONAL INFORMATION

	ERG No.	Zebra Profile Code	Facility Use
a.			Waste Water #6 Oil For Recycle
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Randy Cavallier As Auth	Signature <i>[Signature]</i>	Mo. / Day / Yr. 1/29/16
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TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Shipment Date 1-29-16
Transporter or EPA ID No. NCO991302669	Unit No. 43	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
Phone (336) 841-5276	Signature <i>[Signature]</i>	Delivery Date 1-29-16

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Receipt Date 1/29/16
Facility or EPA ID No. NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 841-5276	a. 25 gallons Sludge	
Contact David Tedder	b. 3400 gallons liquid	
	c.	

MATERIAL MANIFEST



Manifest Document No. 60165-2
Page 2 of 2
Zebra Job No. 60165

EMERGENCY PHONE NO. (336) 841-5276
 POST OFFICE BOX 357 HIGH POINT, NC 27261
 TEL (336) 841-5276 FAX (336) 841-5509

GENERATOR INFORMATION

Name ECS Carolinas	US EPA ID No.
Street Address 1001 South Marshall St Winston Salem	Mailing Address 4811 Kruger Blvd Greensboro NC
Phone No. 856-7150	Contact Randy Cavillier

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Type	Total Quantity	Unit Wt./Vol.
a.	Non Hazardous liquids WOS	NA	NA	NA	1	JT	34.50	G
b.								
c.								

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. the oil & water for recycle			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Anthony Edwards For Randy Cavillier	Signature Anthony Edwards For Randy Cavillier	Mo. / Day / Yr. 1-29-16
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TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address 901 East Springfield Road High Point, NC 27263	Signature [Signature]	Shipment Date 1-29-16
Transporter or EPA ID No. NCO991302669	Unit No. V+3	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
Phone (336) 841-5276	Signature [Signature]	Delivery Date 1-29-16

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address 901 East Springfield Road High Point, NC 27263	Signature [Signature]	Receipt Date 1/29/16
Facility or EPA ID No. NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 841-5276	a. 50 gallons sludge	
Contact David Tedder	b. 3400 gallons liquid	
	c.	

MATERIAL MANIFEST



Manifest Document No. 60105-3
 Page 3 of 3
 Zebra Job No. 60105

EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

GENERATOR INFORMATION

Name ECS Carolinas US EPA ID No. _____
 Street Address 1001 South Marshall St Mailing Address 4811 Kooger Blvd Phone No. 336-7150
Winston Salem Greensboro NC Contact Randy Cavillius

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit: Wt./Vol.
a.	<u>Non Hazardous liquids WQS</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>1</u>	<u>TT</u>	<u>3450</u>	<u>G</u>
b.								
c.								

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. <u>Waste Oil for Recycle</u>	<u>—</u>		
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Anthony Edwards for Randy ECS Signature [Signature] Mo. / Day / Yr. 2/4/16

TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.
 Address 901 East Springfield Road High Point, NC 27263 Signature [Signature] Shipment Date 2/4/16
 Transporter or EPA ID No. NCO991302669 Unit No. 476 I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
 Phone (336) 841-5276 Signature [Signature] Delivery Date 2/4/16

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc. I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.
 Address 901 East Springfield Road High Point, NC 27263 Signature [Signature] Receipt Date 2/4/16
 Facility or EPA ID No. NCO991302669 Discrepancies / Routing Codes / Handling Methods
 Phone (336) 841-5276 150 gallons Sludge
3300 gallons liquid
 Contact David Tedder

MATERIAL MANIFEST



Manifest Document No. 60165-4	
Page 4	of 4
Zebra Job No. 60165	

EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

GENERATOR INFORMATION

Name ECS Carolinas	US EPA ID No.
Street Address 1001 South Marshall St Winston Salem	Mailing Address 4811 Kroger Blvd Greensboro NC
Phone No. 856-7150	Contact Randy C. Miller

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.	non Hazardous Liquids Gas	NA	NA	NA	1	TT	1750	G
b.								
c.								

ADDITIONAL INFORMATION

	ERG No.	Zebra Profile Code	Facility Use
a.			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Jimmy McDaniel For Randy ECS	Signature Jimmy McDaniel For Randy ECS	Mo. / Day / Yr. 2-4-16
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TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Shipment Date 2-4-16
Transporter or EPA ID No. NCO991302669	Unit No. VT-6	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
Phone (336) 841-5276	Signature <i>[Signature]</i>	Delivery Date 2-4-16

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Receipt Date 2/4/16
Facility or EPA ID No. NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 841-5276	a. 250 gallons sludge	
Contact David Tedder	b. 1500 gallons liquid	

MATERIAL MANIFEST



Manifest Document No.
Page <u>5</u> of <u>5</u>
Zebra Job No. <u>60165</u>

EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

GENERATOR INFORMATION

Name <u>ECS Carolinas</u>	US EPA ID No. <u>600</u>
Street Address	Mailing Address
	Phone No. <u>856-7150</u>
	Contact <u>Randy Cavallier</u>

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.	<u>Non-Hazardous liquid waste</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>1</u>	<u>TT</u>	<u>725</u>	<u>G</u>
b.								
c.								

ADDITIONAL INFORMATION

	ERG No.	Zebra Profile Code	Facility Use
a.			<u>Waste water x 6 oil Recycle</u>
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name <u>Randy Cavallier</u>	Signature	Mo. / Day / Yr.
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TRANSPORTER INFORMATION

Transporter <u>Zebra</u>	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address <u>901 E. Springfield Rd. High Point, NC 27263</u>	Signature <u>[Signature]</u>	Shipment Date <u>2-5-16</u>
Transporter or EPA ID No.	Unit No. <u>VT-6</u>	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
Phone <u>336 841-5276</u>	Signature <u>[Signature]</u>	Delivery Date <u>2-5-16</u>

FACILITY INFORMATION

Facility <u>Zebra</u>	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address <u>901 E. Springfield Rd. High Point, NC 27263</u>	Signature <u>[Signature]</u>	Receipt Date <u>2/5/16</u>
Facility or EPA ID No.	Discrepancies / Routing Codes / Handling Methods	
Phone <u>336 841-5276</u>	a.	<u>125 gallons Sludge</u>
Contact <u>David Taylor</u>	b.	<u>100 gallons liquid</u>
	c.	

MATERIAL MANIFEST



Manifest Document No.
60105-6

Page 6 of 6

Zebra Job No.
60105

EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

GENERATOR INFORMATION

Name: ECS Carolinas US EPA ID No. _____

Street Address: 1001 S Marshall St Mailing Address: _____ Phone No. 856-7150

Winston Salem Contact: Randy Caviter

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.	<u>Non Hazardous Sludge NOS</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>1</u>	<u>TT</u>	<u>368</u>	<u>G</u>
b.								<u>01</u>
c.								<u>01</u>

ADDITIONAL INFORMATION

	ERG No.	Zebra Profile Code	Facility Use
a.	<u>—</u>		
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name: Anthony E. Fox ECS Signature: [Signature] Mo. / Day / Yr. 2/8/16

TRANSPORTER INFORMATION

Transporter: Zebra Environmental & Industrial Services Inc I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Address: 901 East Springfield Road High Point, NC 27263 Signature: [Signature] Shipment Date: 2-8-16

Transporter or EPA ID No.: NCO991302669 Unit No.: U76 I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.

Phone: (336) 841-5276 Signature: [Signature] Delivery Date: 2/8/16

FACILITY INFORMATION

Facility: Zebra Environmental & Industrial Services, Inc. I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Address: 901 East Springfield Road High Point, NC 27263 Signature: [Signature] Receipt Date: 2/8/16

Facility or EPA ID No.: NCO991302669 Discrepancies / Routing Codes / Handling Methods: All sludge

Phone: (336) 841-5276

Contact: David Tedder

MATERIAL MANIFEST



EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

Manifest Document No. 60455-1	
Page 1	of 1
Zebra Job No. 60455	

GENERATOR INFORMATION

Name ECS Carolinas	US EPA ID No.
Street Address 1013 South Marshall St Winston Salem NC	Mailing Address 4511 Kroeger Blvd Greensboro NC
Phone No. 336-362-5692	Contact Kendy Carrillo

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Type	Total Quantity	Unit Wt./Vol.
a.	Non Hazardous liquid waste	NA	NA	NA	1	TT	3300	6
b.								
c.								

ADDITIONAL INFORMATION

	ERG No.	Zebra Profile Code	Facility Use
a.			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Anthony Edwards / ECS	Signature <i>Anthony Edwards</i>	Mo. / Day / Yr. 3/7/16
---	-------------------------------------	---------------------------

TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Shipment Date 3/7/16
Transporter or EPA ID No. NCO991302669	Unit No. 143	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
Phone (336) 841-5276	Signature <i>[Signature]</i>	Delivery Date 3/7/16

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Receipt Date 3/7/16
Facility or EPA ID No. NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 841-5276	a.	
Contact David Tedder	b.	
	c.	

MATERIAL MANIFEST



Manifest Document No. 60455-2
 Page 1 of 2
 Zebra Job No. 60455

EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

GENERATOR INFORMATION

Name ECS Carollines US EPA ID No. _____
 Street Address 1001 South main st Mailing Address 4811 Kooger Blvd Phone No. 336-202-5692
Winston Salem NC Greensboro NC Contact Randy Carallier

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Type	Total Quantity	Unit Wt./Vol.
a.	<u>non Hazardous liquids was</u>	<u>WA</u>	<u>WA</u>	<u>WA</u>	<u>1</u>	<u>TT</u>	<u>600</u>	<u>G</u>
b.	<u>non Hazardous Sludge was</u>	<u>WA</u>	<u>WA</u>	<u>WA</u>	<u>1</u>	<u>TT</u>	<u>125</u>	<u>G</u>
c.	<u>non Hazardous Solids was</u>	<u>WA</u>	<u>WA</u>	<u>WA</u>	<u>1</u>	<u>DM</u>	<u>725</u>	<u>G</u>

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. <u>wash water for recycle</u>			
b. <u>Sludge oil</u>			
c. <u>3 pump motors</u>			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Arthur Edwards / ECS Signature Arthur Edwards / ECS Mo. / Day / Yr. 3/8/16

TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above. 3/8/16
 Address 901 East Springfield Road High Point, NC 27263 Signature [Signature] Shipment Date
 Transporter or EPA ID No. NCO991302669 Unit No. 43 I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below. 3/8/16
 Phone (336) 841-5276 Signature [Signature] Delivery Date

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc. I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below. 3/8/16
 Address 901 East Springfield Road High Point, NC 27263 Signature [Signature] Receipt Date
 Facility or EPA ID No. NCO991302669 Discrepancies / Routing Codes / Handling Methods
 Phone (336) 841-5276
 Contact David Tedder