C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.

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January 28, 2015

Mr. Jesse Batus
The Community Builders, Inc.
744 Broadway
Albany, NY 12207

Re: Phase II Environmental Site Assessment (ESA)
209 Warburton Avenue Site
City of Yonkers, Westchester County, New York
C.T. Male Project No. 14.4445

Dear Mr. Batus:

C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male Associates) has competed a Phase II Environmental Site Assessment (ESA) for the above listed site. The Phase II ESA was conducted to evaluate recognized environmental conditions (RECs) identified during the course of a Phase I ESA conducted on the site in August 2014 and documented in C.T. Male Associates' Phase I ESA Report, dated September 2, 2014. RECs identified in the Phase I ESA Report included the following.

- The site's southeastern adjoining 188 Warburton Avenue site has recently entered the Brownfields program in relation to this site's past use as a gasoline station, the existence of underground tanks, petroleum impacts in site soils, and the presence of volatile organic compounds and metals in groundwater exceeding regulatory groundwater standards and guidance values. The 188 Warburton Avenue site is considered hydraulically upgradient of the site with respect to inferred groundwater flow direction.
- Historic Sanborn maps identified a rectangular structure labeled as a "Garage" on southwestern portions of the site presently developed with a daycare center. The "Garage" structure was identified on the maps from as late as 1917 to as recent as 1971. The historic uses of the garage were not able to be determined.

The Phase II ESA was conducted to evaluate subsurface conditions and the environmental quality of site soils and groundwater. The Phase II ESA involved the

advancement of four soil borings and installation of three monitoring wells to aid in the collection of soil and groundwater samples for subjective screening and laboratory analysis. Advancement of the test borings also aided in evaluating the site's subsurface conditions. Site Location and Site Features Maps are attached as Figures 1 and 2, respectively in Attachment A.

Method of Investigation

Ground Penetrating Radar Survey

Prior to the commencement of the test boring activities, a Ground Penetrating Radar (GPR) survey was conducted at the site on November 21, 2014 by New York Leak Detectors, Inc. (NYLD) to primarily aid in identifying the presence of underground utilities and also to evaluate the presence of anomalies that may be representative of underground storage tanks, septic systems, dry wells or other subsurface disposal systems within the boundaries of the utility mark outs. Note that the GPR survey is a field method used to identify anomalies which may or may not represent underground storage tanks, utility lines or other buried structures/vessels, and further, if anomalies are not identified such a result is not a guarantee that underground storage tanks or other features do not exist beneath the site.

Test Borings

Four borings depicted as B-1 to B-4 were completed at the approximate locations depicted on Figure 2. The borings were completed on December 2, 2014 by Aquifer Drilling & Testing, Inc. (ADT) employing direct-push methods utilizing a track-mounted Geoprobe unit. A C.T. Male representative was on-site for observing the drilling activities, collection of data, screening of recovered samples and selecting samples for laboratory analysis.

As depicted on Figure 2, borings B-1 to B-3 were completed in asphalt paved areas within central portions of the site. Boring B-4 was completed at the entranceway to a building addressed as 150 Woodworth Avenue currently occupied by the Lanza Learning Center. Boring B-4 was also completed adjacent west of a former garage structure that previously occupied the southwestern portion of the site. Samples were collected at 2.5-foot intervals and visually classified in the field by a C.T. Male

environmental scientist. The soil classifications for each boring are presented on the Subsurface Exploration Logs in Attachment C.

The recovered samples were subjectively screened in the field for potential impacts employing headspace analysis for organic vapors utilizing a photo ionization detector (PID) and organoleptic (sight and smell) perception. Field screening results are presented on the Organic Vapor Headspace Analysis Logs in Attachment D. One sample was submitted for laboratory analysis from each of the test borings. The selection of the samples for laboratory analysis was based on evidence of subjective impacts and the occurrence of fill materials. The samples were analyzed for the Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, and PCBs, the Target Analyte List (TAL) for metals including cyanide. Quality Assurance/Quality Control (QA/QC) samples consisting of a matrix spike (MS), matrix spike duplicate (MSD), duplicate and equipment blank were also submitted for laboratory analysis. The laboratory analysis was performed by Chemtech of Mountainside, New Jersey.

Monitoring Well Installation and Groundwater Sampling

Borings B-1 to B-3 were converted to one (1)-inch diameter PVC monitoring wells that were protected with flush mounted curb boxes. Monitoring well construction logs are provided in Attachment E. Soil boring B-4 was not converted to a monitoring well due to shallow refusal (7 feet below grade) and the absence of groundwater within the boring. Groundwater samples were collected from the monitoring wells on December 22, 2014. Prior to collection of groundwater samples, each well was purged dry using a peristaltic pump with dedicated tubing to restore the hydraulic connection between the wells and aquifer materials. The wells were then sampled employing standard sampling protocols and forwarded to Chemtech for analysis for the TCL VOCs, SVOCs, pesticides, and PCBs, the TAL for metals, and cyanide. QA/QC samples (MS, MSD, duplicate and equipment blank) were also submitted for laboratory analysis. Field parameters (pH, conductivity, temperature and turbidity) were logged during collection of the groundwater samples.

Findings

GPR Survey

Anomalies that may be representative of underground storage tanks, septic systems, dry wells or other subsurface disposal systems were not encountered within the boundaries of the utility mark outs. The NYLD Report is presented in Attachment F.

Subsurface Conditions

Test borings B-1 to B-3 were completed within asphalt pavement areas of the site. Test boring B-4 was completed in a concrete pavement area. Subsurface conditions at all of the borings generally consisted of sand with varying percentages of gravel and silt. Fill material, consisting of red brick, was encountered at the 4 to 6 foot depth interval at test boring B-1 and at the 0.3 to 4 foot depth interval at test boring B-3. The soils became saturated at depths that ranged from 9 feet below grade at test boring B-3 to 11 feet below grade at test borings B-1 and B-2. Groundwater was not encountered in test boring B-4. Refusal was encountered at all of the test borings at depths that ranged from 7 feet below grade at test boring B-4, 14 feet below grade at test boring B-3, and 14.9 feet below grade at test borings B-1 and B-2.

Groundwater Conditions

As groundwater was only intercepted at borings/wells B-1/ MW-1, B-2/MW-2 and B-3/MW-3 and these monitoring wells were installed in the north- south lineation across the site preventing triangulation of groundwater levels in the wells; groundwater flow direction was not specifically defined. However, based on the soil types encountered and knowledge relating to groundwater movement on the 188 Warburton Avenue site, and in consideration of the site and area topography, groundwater movement within the site is expected to be generally from the southeast to the northwest.

Subjective Analysis of Soil/Fill Samples

As presented in the Organic Vapor Headspace Analysis Logs (Attachment D), subjective impacts to soils were encountered at test boring B-4, which is located in the entranceway of the building addressed as 150 Woodworth Avenue and is located adjacent west of a former garage structure that once occupied the southwestern portion

of the site. PID readings ranging from 164.6 to 438.4 parts per million were encountered in samples collected from beneath the concrete to a depth of 7 feet below grade. Dark staining and petroleum-type odors were also encountered in samples collected from the 2.5 to 7 foot depth interval. Based on the subjective petroleum-type impacts at test boring B-4, the NYS Department of Environmental Conservation Spills Hotline was contacted and the site was assigned Spill No. 1408922.

Subjective impacts were not observed in samples collected from borings B-1, B-2 and B-3. All PID readings were below 1 ppm at these borings and there was no evidence of staining and/or chemical type odors in the recovered soils.

Soil Sampling Laboratory Analytical Results

Analytical summary results for the samples are presented in Table 1 in Attachment B. The full analytical results are presented in Attachment G. The analytical results were compared to Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated in 6 NYCRR Part 375.

The samples for laboratory analysis from borings B-1 to B-3 contained fill materials consisting of sand with varying percentages of silt, gravel and red brick. These samples were collected at depth intervals that ranged from 2.5 to 5 feet below grade at borings B-2 and B-3 and 5 to 7.5 feet below grade at boring B-1. The sample for laboratory analysis from boring B-4 was collected at the 5 to 7 foot depth interval and consisted of sand with varying percentages of silt and gravel that exhibited the most elevated PID reading (438.4 ppm) with staining and a petroleum-type odor.

As depicted in Table 1, 6 VOCs and 9 SVOCs were detected at concentrations below SCOs. Pesticides and PCBs were not detected above the laboratory's method detection limit. Twenty-one metals were detected above the laboratory's method detection limit with 5 metals detected at concentrations exceeding SCOs. Chromium was detected above its SCO of 30 parts per million (ppm) at test boring B-1 (32.2 ppm), copper was detected above its SCO of 50 ppm at test boring B-2 (62.8 ppm), lead was detected above its SCO of 63 ppm at test borings B-1 (1,410 ppm), B-2 (522 ppm) and B-3 (286 ppm), mercury was detected above its SCO of 0.18 ppm at test boring B-1 (0.2 ppm), and zinc was detected above its SCO of 109 ppm at test borings B-1 (315 ppm) and B-2 (152 ppm).

Analytical results for the soil sample collected from test boring B-4 which exhibited evidence of petroleum-type impacts, revealed the detection of several VOCs and SVOCs; however, all analyzed parameters are at concentrations below SCOs.

Groundwater Sampling Laboratory Analytical Results

Analytical summary results for the groundwater samples are presented in Table 2 in Attachment B. The full analytical results are presented in Attachment H. The analytical results were compared to NYSDEC groundwater standards and guidance values promulgated in the NYS Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), dated June 1998.

As depicted in Table 2, 1 VOC was detected above the laboratory's method detection limit, but below its corresponding groundwater standard, 3 SVOCs were detected above the laboratory's method detection limit with phenol detected above its corresponding groundwater standard of 1 part per billion (ppb) at monitoring well MW-1 (2.30 ppb). Eighteen metals were detected above the laboratory's method detection limit with 5 metals detected at concentrations exceeding their corresponding groundwater standards. Chromium was detected above its groundwater standard of 50 ppb at monitoring well MW-2 (58.3 ppb), iron was detected above its groundwater standard of 300 ppb at monitoring wells MW-1 (10,500 ppb), MW-2 (24,200 ppb) and MW-3 (576 ppb), magnesium was detected above its groundwater guidance value of 35,000 ppb at monitoring well MW-3 (37,000 ppb), manganese was detected above its groundwater standard of 300 ppb at monitoring wells MW-1 (514 ppb) and MW-2 (1,110 ppm), and sodium was detected above its groundwater standard of 20,000 ppb at monitoring wells MW-1 (162,100 ppb), MW-2 (132,900 ppb) and MW-3 (192,800 ppb).

Field parameters (pH, conductivity, temperature and turbidity) were logged in the field during collection of the groundwater samples and are presented in the following table.

MW ID	pH	Conductivity	Temperature	Turbidity
MW-1	8.05 SU	1,299 us	7.9 ^{0}C	>1,000 NTU
MW-2	8.15 SU	976 us	7.7 ^{0}C	> 1,000 NTU
MW-3	7.82 SU	1,660 us	10.3 ^{0}C	> 1,000 NTU

As depicted in the table, elevated turbidity readings were logged at each of the wells due to the infiltration of silt into each of the monitoring wells during sampling. Infiltration of silt into the wells is common after recent installation of monitoring wells.

Conclusions

C.T. Male Associates has completed its Phase II ESA of the 209 Warburton Avenue site. The following conclusions are made based on the findings of the investigations completed.

- The GPR survey did not identify anomalies that may be representative of underground storage tanks, septic systems, dry wells or other subsurface disposal systems within the boundaries of the utility mark outs.
- Subsurface conditions at all of the borings generally consisted of sand with varying percentages of gravel and silt. Red brick was encountered at the 4 to 6 foot depth interval at test boring B-1 and at the 0.3 to 4 foot depth interval at test boring B-3. The soils became saturated at depths that ranged from 9 feet below grade at test boring B-3 to 11 feet below grade at test borings B-1 and B-2. Groundwater was not encountered in test boring B-4. Refusal was encountered at all of the test borings at depths that ranged from 7 feet below grade at test boring B-4, 14 feet below grade at test boring B-3, and 14.9 feet below grade at test borings B-1 and B-2.
- Based on the soil types encountered in the borings and knowledge relating to groundwater movement on the 188 Warburton Avenue site, and in consideration of the site and area topography, groundwater movement within the site is expected to be generally from the southeast to the northwest.
- Subjective, petroleum-type impacts were encountered at test boring B-4 in soil samples collected from beneath surface concrete to a depth of 7 feet below grade, where drilling refusal was encountered. This boring is located adjacent west of a former garage structure that was identified in historic mapping reviewed as part of the Phase I ESA conducted on the site (see Phase I ESA summary on page 1 of this report). The soils were stained, emitted a petroleum-type odor and registered PID readings ranging from 164.6 to 438.4 ppm. Based on the

subjective petroleum-type impacts, the NYSDEC Spills Hotline was contacted and the site was assigned Spill No. 1408922.

Analytical results for the soil sample collected from test boring B-4 which exhibited the greatest evidence of petroleum-type impacts, showed all analyzed parameters at concentrations below SCOs or below the laboratory's method detection limit. This may be attributed to the weathering (breaking down) over time of the primary chemical constituents affiliated with the contamination.

- Five metals were detected in fill at concentrations exceeding Unrestricted Use SCOs. These metals included chromium, copper, lead, mercury and zinc. Lead was the more persistent metal and was detected at 3 of the 4 test borings and ranged in concentration from 286 to 1,410 ppm as compared to its SCO of 63 ppm. The metals detected in the soils above SCOs, other than lead, chromium and zinc are considered to be naturally occurring metals in the environment.
- One SVOC (phenol) and five metals (chromium, iron, magnesium, manganese and sodium) were detected at concentrations exceeding their corresponding groundwater standards. Phenol was detected slightly above its corresponding groundwater standard at monitoring well MW-1 and was not detected in any of the other monitoring wells. Iron, magnesium and manganese are typically naturally occurring in the environment. The sodium in groundwater is likely a result of the application of road salt on surrounding roads and parking lots. Chromium (58.3 ppm) was detected slightly above its groundwater standard of 50 ppm at monitoring well MW-2 only.

As the site is now designated as a NYSDEC Spill site, this report should be provided to the Region 3 Spills Section for review and comment.

Do not hesitate to contact the undersigned at 518.786.7400, s.bieber@ctmale.com or k.moline@ctmale.com should you have any questions regarding this Phase II ESA report.

Respectfully,

C.T. MALE ASSOCIATES

Steve Bieber
Environmental Scientist

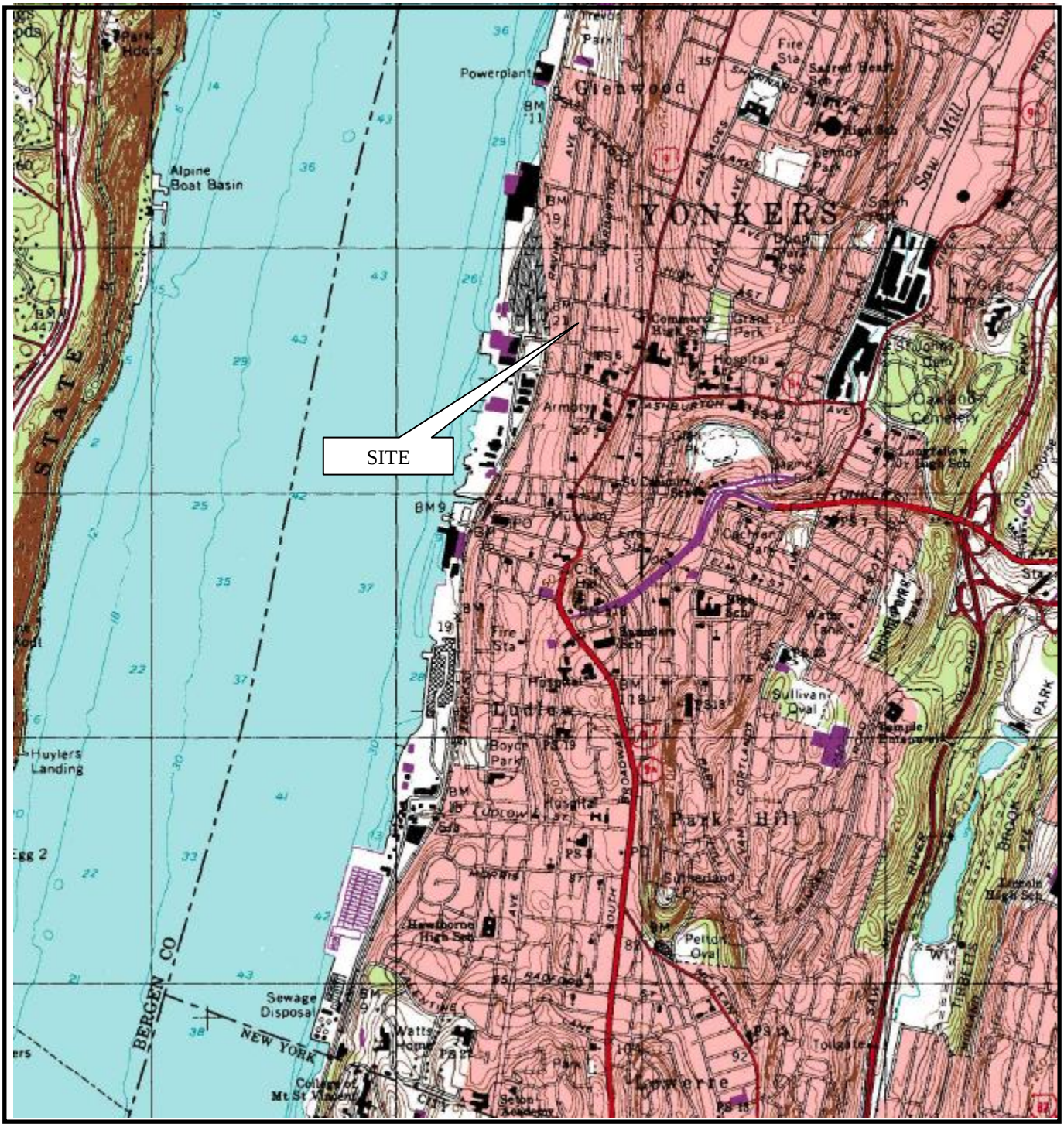
Kirk Moline
Managing Geologist

Attachments

Attachment A:	Figures
Attachment B:	Tables
Attachment C:	Subsurface Exploration Logs
Attachment D:	Organic Vapor Headspace Analysis Logs
Attachment E:	Monitoring Well Construction Logs
Attachment F:	NYLD Report
Attachment G:	Full Analytical Results – Soils
Attachment H:	Full Analytical Results - Groundwater

ATTACHMENT A

FIGURES



MAP REFERENCE
United States Geological Survey
7.5 Minute Series Topographic Map
Quadrangle: Yonkers, NY
Date: 1998

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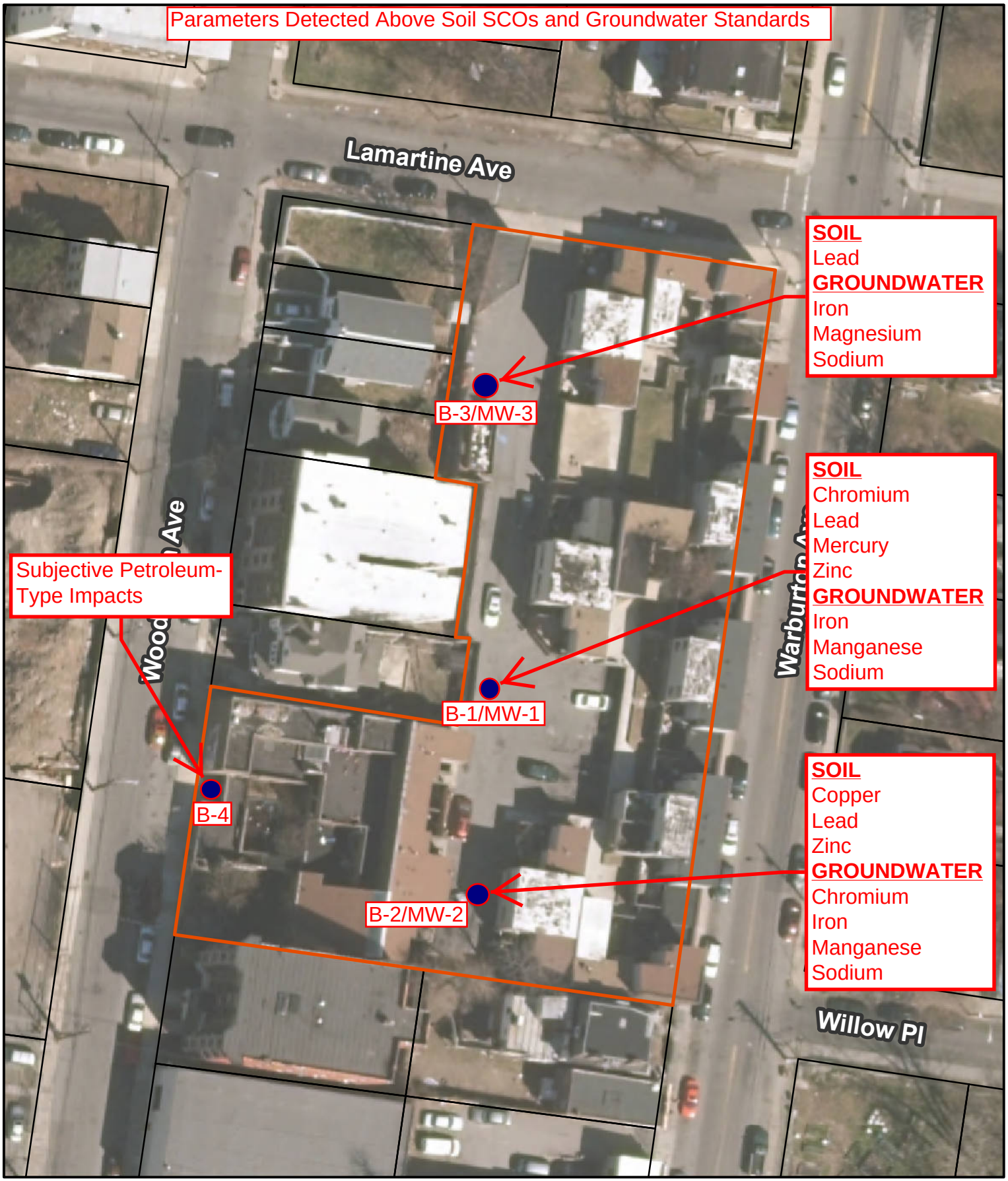
FIGURE 1 - SITE LOCATION MAP

CITY OF YONKERS	WESTCHESTER COUNTY, NY
SCALE: 1:2,000±	The locations and features depicted on this map are approximate and do not represent an actual survey.
DRAFTER: ASG	
PROJECT No: 13.3591	



0 25 50 Feet

1 inch = 50 feet

Legend

Project Site
209 Warburton Avenue

Tax Parcels

Project Number: 14.4445
Data Source: NYSGIS Clearinghouse
Projection: NY State Plane East NAD 83 (ft)
Date: August 19, 2014
File: Fig2_209Warburton.mxd
GIS: CHay

Figure 2: Site Features Map

City of Yonkers — **Westchester County, New York**

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ATTACHMENT B

TABLES

TABLE 1: SOIL ANALYTICAL RESULTS SUMMARY
209 WARBURTON AVENUE SITE
CITY OF YONKERS, WESTECHESTER COUNTY

COMPOUND	6 NYCRR 375 UNRESTRICTED USE SCOs	B-1 (5'-7.5') Soil mg/kg		B-2(2.5'-5') Soil mg/kg		B-3(2.5'-5') Soil mg/kg		B-4(5'-7') Soil mg/kg		FD12214[(2)] Soil mg/kg	
Volatile Organic Compounds											
Acetone	0.05	0.0226	U	0.0239	U	0.0342		0.0207	U	0.0200	U
Carbon Disulfide	No Standard	0.0045	U	0.0048	U	0.0013	J	0.0041	U	0.0040	U
Methylene Chloride	0.05	0.0045	U	0.0026	J	0.0023	J	0.0027	J	0.0016	J
2-Butanone	No Standard	0.0226	U	0.0239	U	0.0081	J	0.0207	U	0.0200	U
Methylcyclohexane	No Standard	0.0045	U	0.0048	U	0.0047	U	0.0039	J	0.0094	
Isopropylbenzene	No Standard	0.0045	U	0.0048	U	0.0047	U	0.012		0.018	
Semi-Volatile Organic Compounds											
Phenol	0.33	0.0843	J	0.370	U	0.380	U	0.360	U	0.370	U
2-Methylnaphthalene	No Standard	0.400	U	0.370	U	0.380	U	1.3		2.1	
1,1-Biphenyl	No Standard	0.400	U	0.370	U	0.380	U	0.170	J	0.45	
Dimethylphthalate	No Standard	0.220	J	0.200	J	0.190	J	0.0819	J	0.370	U
Acenaphthene	20	0.400	U	0.370	U	0.380	U	0.270	J	0.41	
Fluorene	30	0.400	U	0.370	U	0.380	U	0.49		0.74	
Phenanthrene	100	0.400	U	0.370	U	0.380	U	1.2		1.7	
Anthracene	100	0.400	U	0.370	U	0.380	U	0.120	J	0.370	U
Pyrene	100	0.400	U	0.370	U	0.380	U	0.0841	J	0.120	J
Pesticides (None Detected Above The Laboratory Method Detection Limit)											
PCBs (None Detected Above The Laboratory Method Detection Limit)											
Metals											
Aluminum	No Standard	6,680		7,420		7,560		7,120		6,020	
Antimony	No Standard	0.589	J	0.535	J	2.42	U	2.32	U	2.35	U
Arsenic	13	5.67		2.63		3.54		1.68		1.28	
Barium	350	174		181		77.1		46.5		38.5	
Beryllium	7.2	0.415		0.476		0.366		0.261	J	0.226	J
Calcium	No Standard	13,900		10,100		3,330		4,080		13,300	
Chromium	30	**32.2**		17.5		15.6		27.8		16.3	
Cobalt	No Standard	5.87		6.93		6.48		6.14		5.71	
Copper	50	32.3		**62.8**		23.5		22.6		18.7	
Iron	No Standard	20,400		15,900		14,100		11,500		9,980	
Lead	63	**1,410**		**522**		**286**		8.54		4.96	
Magnesium	No Standard	6,080		5,460		3,330		3,180		7,060	
Manganese	1,600	213		322		335		158		239	
Mercury	0.18	**0.2**		0.048		0.145		0.02		0.0090	J
Nickel	30	13.7		18.2		14.8		15.7		14.4	
Potassium	No Standard	634		1,770		779		781		934	
Selenium	3.9	0.734	J	0.521	J	0.662	J	0.356	J	0.940	U
Sodium	No Standard	524		867		416		518		454	
Vanadium	No Standard	25.9		16.4		17.3		27.2		18.5	
Zinc	109	**315**		**152**		106		22.2		19.3	
Cyanide	27	0.158	J	0.218	J	0.0760	J	0.0420	J	0.0690	J

Qualifiers and Notes

(1) NYSDEC 6 NYCRR PART 375 Environmental Remediation Programs, Subpart 375-6, Dated December 14, 2006

(2) FD12214 is a replicate (duplicate) sample of B-4(5'-7')

Concentrations denoted in mg/kg or parts per million (ppm)

U indicates that the compound was analyzed but not detected

J indicates and estimated value

Analytical results in bold and highlighted have exceeded their respective SCO

TABLE 2: GROUNDWATER ANALYTICAL RESULTS SUMMARY
209 WARBURTON AVENUE SITE
CITY OF YONKERS, WESTCHESTER COUNTY, NEW YORK

PARAMETER	NYSDEC GROUNDWATER STANDARD OR GUIDANCE VALUE (ug/l)[1]	MW-1 Water ug/l	MW-2 Water ug/l	MW-3 Water ug/l	FD01[(2)] Water ug/l
Volatile Organic Compounds					
Chloroform	7	5.00 U	1.10 J	1.20 J	5.00 U
Semi-Volatile Organic Compounds					
Phenol	1	**2.30 J**	10.1 U	10.0 U	10.1 U
Acetophenone	NS	10.0 U	10.1 U	10.0 U	10.1 U
Dimethylphthalate	50 (GV)	6.50 J	4.50 J	10.0 U	10.1 U
Pesticides (None Detected Above the Method Detection Limit)					
PCBs (None Detected Above the Method Detection Limit)					
Metals & Cyanide					
Aluminum	NS	9,450	18,700	499	3,330
Arsenic	25	4.49 J	6.02 J	10.0 U	10.0 U
Barium	1,000	177	236	153	119
Calcium	NS	78,000	64,000	113,700	78,400
Chromium	50	19.8	**58.3**	8.1	7.95
Cobalt	NS	7.81 J	14.6 J	15.0 U	15.0 U
Copper	200	31	72.7	2.46 J	13.7
Iron	300	**10,500**	**24,200**	**576**	**4,080**
Lead	25	8.93	15.8	2.78 J	2.73 J
Magnesium	35,000 (GV)	29,000	26,600	**37,000**	27,100
Manganese	300	**514**	**1,110**	216	**322**
Mercury	0.7	0.200 U	0.121 J	0.200 U	0.200 U
Nickel	100	20.0 J	43.5	20.0 U	10.3 J
Potassium	NS	6,630	8,690	6,490	5,450
Sodium	20,000	**162,100**	**132,900**	**192,800**	**172,400**
Vanadium	NS	18.3 J	41.6	20.0 U	8.77 J
Zinc	2,000 (GV)	25.1	55.9	7.02 J	16.2 J
Cyanide	200	10.0 U	10.0 U	10.0 U	10.0 U

Qualifiers

[1] TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, New York State Department of Environmental Conservation, June 1998 and Addendum, April 2000.

[2] FD01 is a replicate (duplicate) sample of MW-1

U denotes that the compound was not detected at the indicated concentration.

J denotes the data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitatio limit but greater than MDL. The concentration given is an approximate value.

Parameter concentrations in bold have exceeded their corresponding Groundwater Standard/Guidance Value.

ATTACHMENT C

SUBSURFACE EXPLORATION LOGS

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-1
ELEV.: DATUM:
START DATE: 12/2/14 FINISH DATE: 12/2/14
SHEET 1 OF 1

PROJECT: 209 Warburton Avenue — CTM PROJECT NO.: 14.4445

LOCATION: Yonkers, NY — CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.3	(0-0.2') ASPHALT & SUB-BASE	damp
									Brown fine-medium SAND, little fine-medium	damp
									gravel	
5									Red Brick	
		2						2.0	Red Brick & dark brown SILT	moist
									Brown fine SAND, little brown silt & fine-medium	moist
									gravel	
10										
		3						5.0		wet
									Brown fine-medium SAND, Some fine-medium	wet
									Gravel	
15										
									End of Boring at ±14.9' bgs (refusal)	monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-2
ELEV.: DATUM:
START DATE: 12/2/14 FINISH DATE: 12/2/14
SHEET 1 OF 1

PROJECT: 209 Warburton Avenue — CTM PROJECT NO.: 14.4445

LOCATION: Yonkers, NY — CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.0	(0-0.2') ASPHALT & SUB-BASE	damp
									Lt brown fine SAND, little brown silt, f-m gravel	damp
									Brown-red fine SAND, little brown-red silt & fine-medium gravel	damp
5										
		2						3.0		moist
									Brown fine-medium SAND, little brown silt & fine-medium gravel	moist
										little wet at ±9' bgs
10										
		3						5.0		wet
									Brown fine SAND & SILT, little fine-medium gravel	moist
15										
									End of Boring ±14.9' bgs (refusal)	monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-3
ELEV.: DATUM:
START DATE: 12/2/14 FINISH DATE: 12/2/14
SHEET 1 OF 1

PROJECT: 209 Warburton Avenue — CTM PROJECT NO.: 14.4445

LOCATION: Yonkers, NY — CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.2	(0-0.3') ASPHALT & SUB-BASE	damp
									Brown fine SAND, little brown silt, fine-medium	damp
									gravel, trace brick	
5									Dark brown fine SAND & SILT, Some f-c gravel	moist
		2						4.0	Brown fine SAND, little brown silt & fine-medium	moist
									gravel	
10										wet
		3						2.5		
									Brown fine SAND & SILT, little fine-medium	moist
									gravel	
15									End of Boring ±14' bgs (refusal)	monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-4
ELEV.: DATUM:
START DATE: 12/2/14 FINISH DATE: 12/2/14
SHEET 1 OF 1

PROJECT: 209 Warburton Avenue CTM PROJECT NO.: 14.4445

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.2	CONCRETE	
									Brown fine SAND, Some brown Silt, little fine-medium gravel (damp)	Staining & petro odor noted at ±2.5-7' bgs
5		2						2.0		damp
									End of Boring ±7' bgs (refusal)	
10										
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

ATTACHMENT D

ORGANIC VAPOR HEADSPACE ANALYSIS LOGS

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	209 Warburton		**PROJECT #:**	14.4445	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE COLLECTED:** 12/2/14
LOCATION:	Yonkers, NY				
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE ANALYZED:** 12/2/14
DATE INSTRUMENT CALIBRATED:	12/2/2014	**BY:**	S. Bieber		
TEMPERATURE OF SOIL:	ambient				**ANALYST:** S. Bieber

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-1	1	0-2.5	Soil	0.7	0.0	No odor/No stain
B-1	2	2.5-5	Soil	0.9	0.0	No odor/No stain
B-1	3	5-7.5	Soil	0.4	0.0	No odor/No stain
B-1	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-1	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-1	6	12.5-14.9	Soil	0.0	0.0	No odor/No stain
B-2	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-2	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-2	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-2	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-2	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-2	6	12.5-14.9	Soil	0.0	0.0	No odor/No stain
B-3	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-3	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-3	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-3	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-3	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-3	6	12.5-14	Soil	0.0	0.0	No odor/No stain
B-4	1	0-2.5	Soil	164.6	0.0	Petro-type odor/staining
B-4	2	2.5-5	Soil	253.8	1.0	Petro-type odor/staining
B-4	3	5-7	Soil	438.4	1.7	Petro-type odor/staining

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

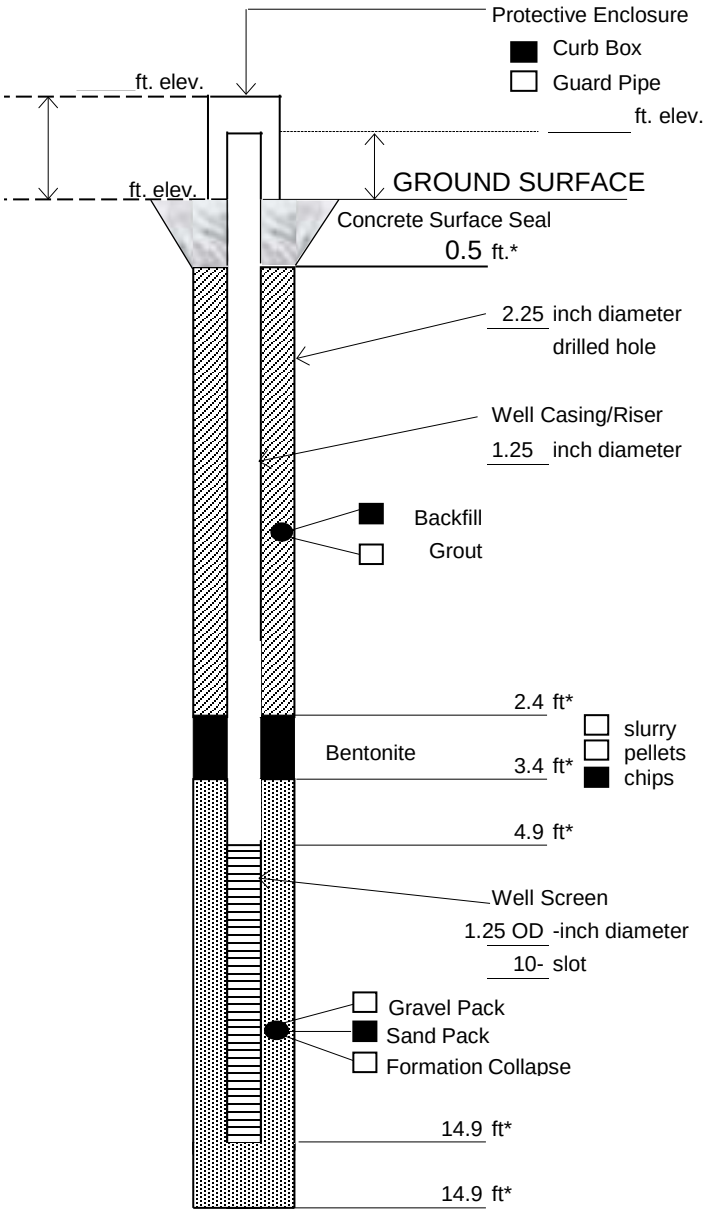
ATTACHMENT E

MONITORNG WELL CONSTRUCTION LOGS

Well No. MW-1

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: 209 Warburton Avenue

Project Number: 14.4445

Well No.: MW-1 Boring No.: B-1

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/2/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: 5.17 ft 12/22/14 (Date)

C.T. Male Observer: S. Bieber

Materials Used:

1/3	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
10	ft. of	0.010 slot	well screen
4.9	ft. of	solid PVC	well riser
NA	Bags of Cement/Concrete	(	lb. bags)
	Brand:		

Grout Mixture:

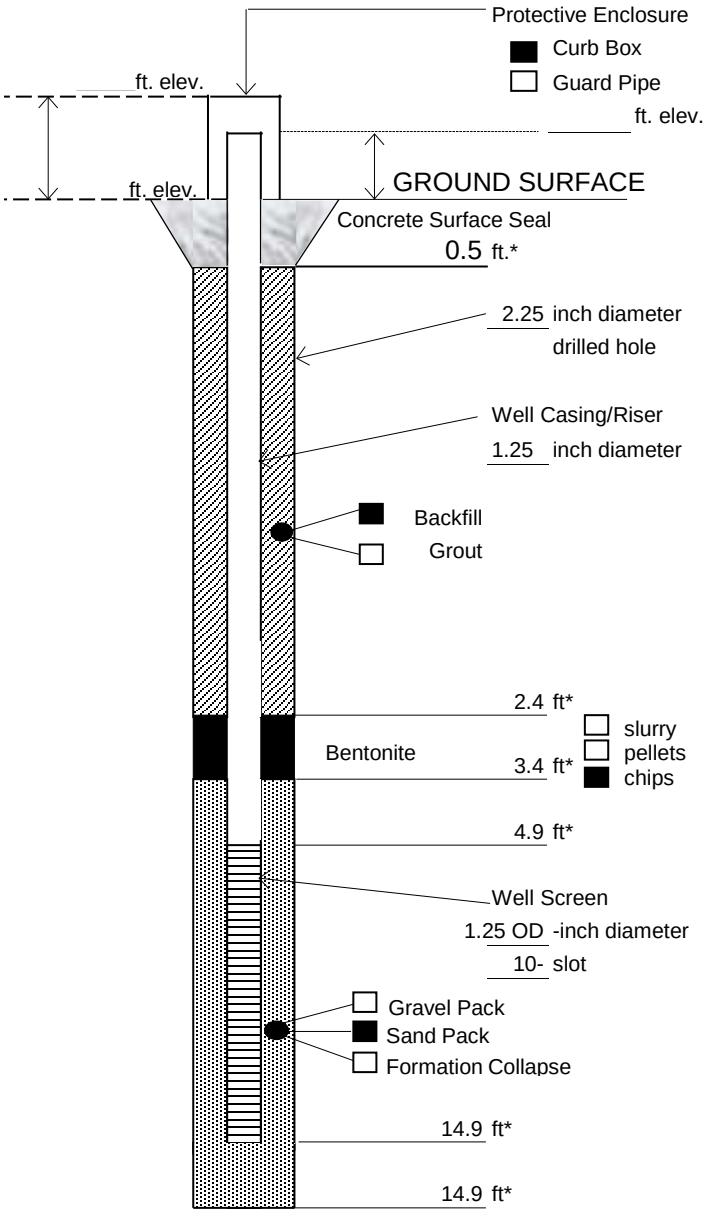
	Bags of Cement	(	lb. bags)
	Lbs. of Bentonite		
	Gallons of Water		
	Grout Batches		

Notes:

Well No. MW-2

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: 209 Warburton Avenue

Project Number: 14.4445

Well No.: MW-2 Boring No.: B-2

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/2/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: 4.38 ft 12/22/14 (Date)

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
4.9 ft. of solid PVC well riser
NA Bags of Cement/Concrete (lb. bags)
Brand:

Grout Mixture:

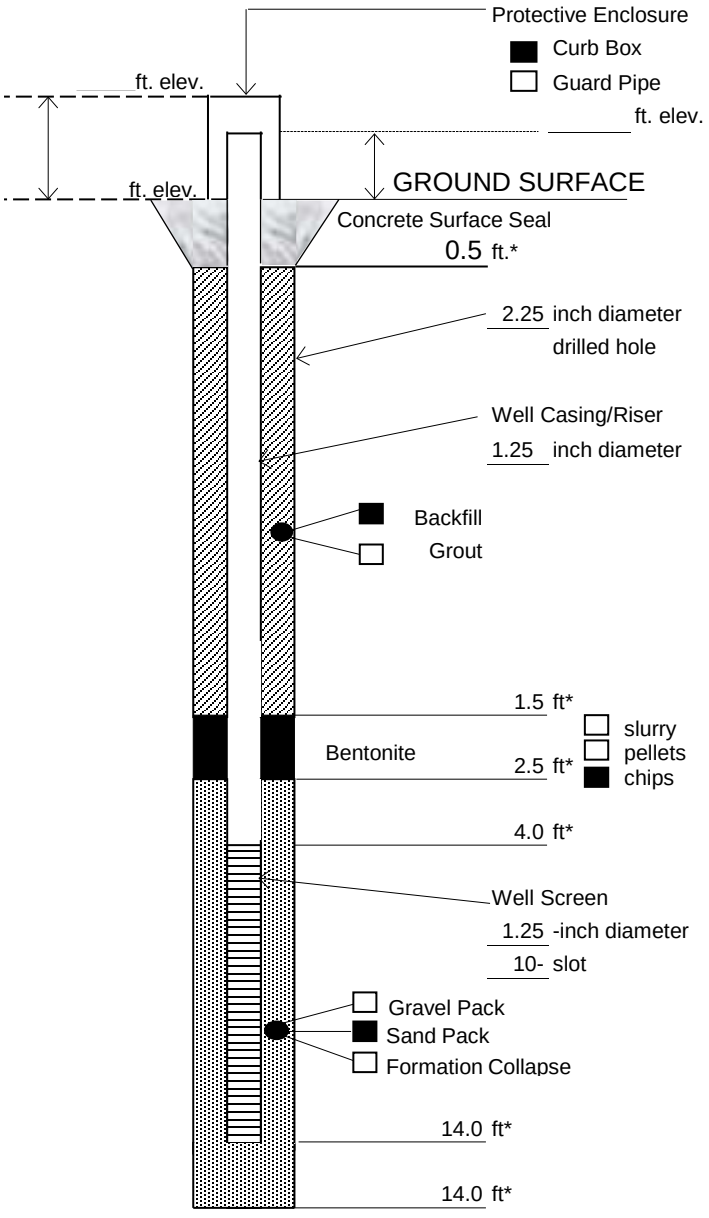
Bags of Cement (lb. bags)
Lbs. of Bentonite
Gallons of Water
Grout Batches

Notes:

Well No. MW-3

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: 209 Warburton Avenue

Project Number: 14.4445

Well No.: MW-3 Boring No.: B-3

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/2/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: 10.4 ft 11/22/14 (Date)

C.T. Male Observer: S. Bieber

Materials Used:

1/3	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
10	ft. of	0.010 slot	well screen
4	ft. of	solid PVC	well riser
NA	Bags of Cement/Concrete	(	lb. bags)
	Brand:		

Grout Mixture:

	Bags of Cement	(	lb. bags)
	Lbs. of Bentonite		
	Gallons of Water		
	Grout Batches		

Notes:

ATTACHMENT F

NYLD REPORT

NYLD Infrastructure

NEW YORK LEAK DETECTION, INC.

Field Report

Date: 11-20-14 & 11-21-14 Technician: Steve Carney/George Williams

Customer: C.T. Male & Associates, Inc.

Site Address: 188 Warburton Ave. and 209 Warburton Ave, Yonkers, NY

Contact Person: Steve Bieber Phone: 518-860-9737 Phone: _____

Scope of Work: Clear utilities for boring locations

Type of Service:

☐ *Leak Detection* ☒ *Utility Location/GPR* ☐ *Video Inspection*

☐ *Infrastructure Assessment* ☐ *Utility Mapping/AutoCAD*

Type of Equipment Used

☐ *Profiler EMP 400* ☒ *RD8000* ☒ Traceable Rodder

☐ *LC2500 Leak Correlator* ☒ *Noggin 250 mHz* ☐ PosiTector UTG G3

☐ *S-30 Surveyor* ☐ Noggin 500 mHz ☐ *Video Inspection Camera*

☐ *Sonde* ☐ Conquest 1000 mHz ☐ *Helium # Bottles*

☐ *Leica Robotic Total Station* ☐ *Leica GPS*

Marking Used

☒ *Paint* ☐ *Flags* ☐ *Chalk*

☐ *Updated existing maps onsite* ☐ *Other:* _____ ☐ *N/A*

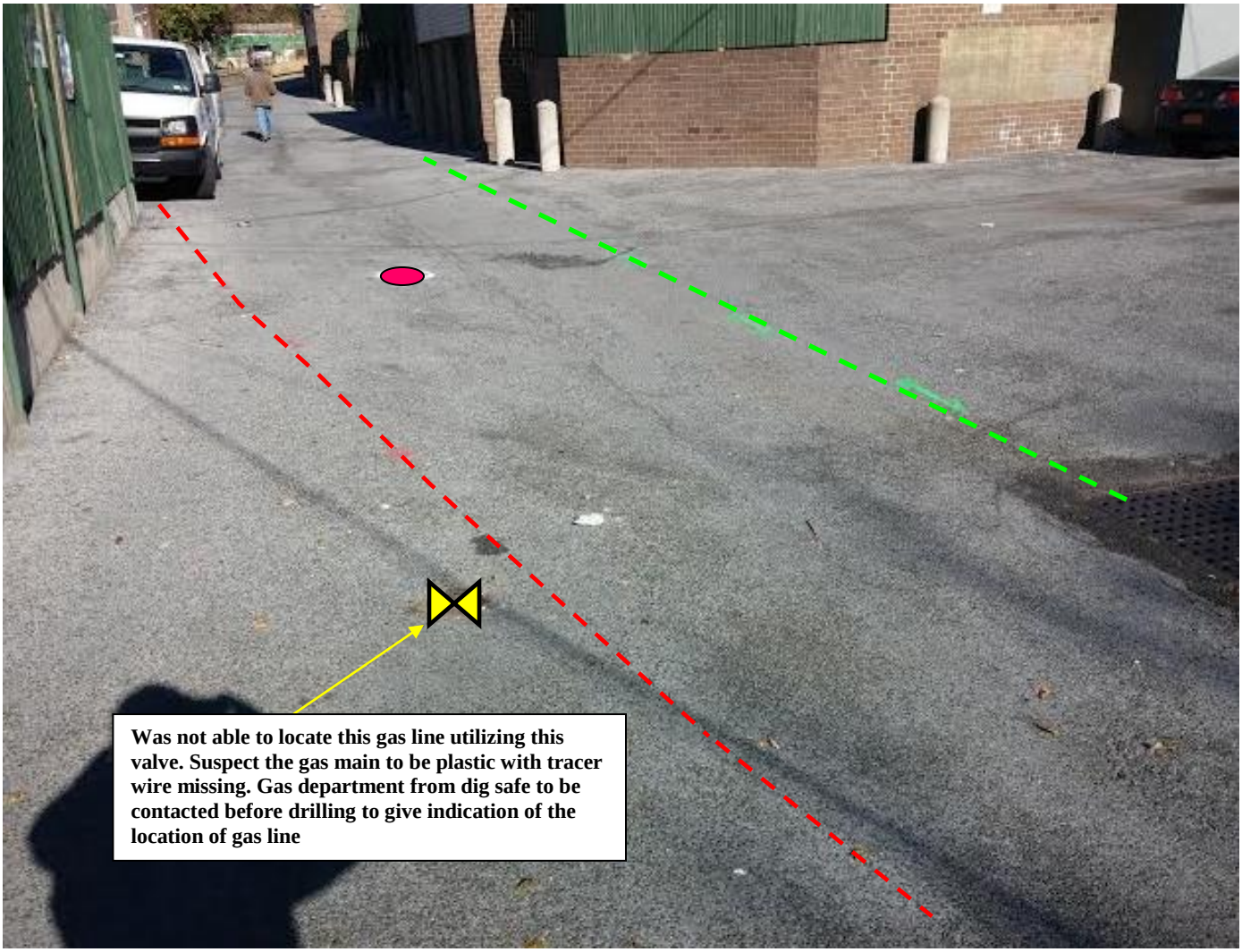
Instructions from Onsite Contact: Clear utilities for 8 borings at 188 Warburton and 5 boring locations at 209 Warburton Ave.

Notes/Testing Results: Cleared all boring locations by direct connecting to all visible contact points and using the RD 8000 to trace utility. Passive power and radio scans were also performed around each boring location to search for any other live electric or communication utility. Utilities were marked with paint. After each location was cleared Steve Bieber taped off any utilities nearby bore location. Please see below

Information Transfer

☒ *Information relayed on site to: Steve Bieber* ☐ *Hand drawn map (forward to office for digital remake)* ☐ *All markings picked up by surveyors*

● - **Boring Location**


Was not able to locate this gas line utilizing this valve. Suspect the gas main to be plastic with tracer wire missing. Gas department from dig safe to be contacted before drilling to give indication of the location of gas line

ATTACHMENT G

FULL ANALYTICAL RESULTS – SOILS

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : 209 WARBURTON AVE., YONKERS, NY

C.T. MALE ASSOCIATES, P.C.,

50 CENTURY HILL DRIVE

LATHAM, NY - 12110

Phone No: 518-786-7400

ORDER ID : F4956

ATTENTION : Kirk Moline

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH

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2) Case Narrative 13

2.1) VOC-TCLVOA-10- Case Narrative 13

2.2) SVOC-TCL BNA -20- Case Narrative 15

2.3) PCB Group1- Case Narrative 17

2.4) Pesticide-TCL- Case Narrative 19

2.5) Metals-AES- Case Narrative 21

2.6) Genchem- Case Narrative 22

3) VOC-TCLVOA-10 Data 23

4) SVOC-TCL BNA -20 Data 116

5) PCB Group1 Data 214

6) Pesticide-TCL Data 286

7) Metals-AES Data 376

8) Genchem Data 472

9) Shipping Document 497

9.1) CHAIN OF CUSTODY 498

1 2 3 4 5 6 7 8 9

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
B-1(5-7.5)	F4956-01	8260C	8270D		8081B, 8082A	6010B, 7471A	9012B, Chemtech -SOP
B-2(2.5-5)	F4956-02	8260C	8270D		8081B, 8082A	6010B, 7471A	9012B, Chemtech -SOP
B-3(2.5-5)	F4956-03	8260C	8270D		8081B, 8082A	6010B, 7471A	9012B, Chemtech -SOP
EB12214	F4956-06	8260C	8270D		8081B, 8082A	6010B, 7471A, 6010C, 7470A	9012B, Chemtech -SOP
B-4(5-7)	F4956-07	8260C	8270D		8081B, 8082A	6010B, 7471A, 6010C, 7470A	9012B, Chemtech -SOP
FD12214	F4956-08	8260C	8270D		8081B, 8082A	6010B, 7471A, 6010C, 7470A	9012B, Chemtech -SOP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F4956-01	SOIL	12/02/14	12/03/14	12/04/14	12/06/14
F4956-02	SOIL	12/02/14	12/03/14	12/04/14	12/06/14
F4956-03	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-06	Water	12/02/14	12/03/14	12/04/14	12/05/14
F4956-07	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-08	SOIL	12/02/14	12/03/14	12/04/14	12/06/14

*** Details For Test :** SVOC-TCL BNA -20

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F4956-01	SOIL	12/02/14	12/03/14		12/08/14
F4956-02	SOIL	12/02/14	12/03/14		12/08/14
F4956-03	SOIL	12/02/14	12/03/14		12/08/14
F4956-06	Water	12/02/14	12/03/14		12/05/14
F4956-07	SOIL	12/02/14	12/03/14		12/09/14
F4956-08	SOIL	12/02/14	12/03/14		12/09/14

*** Details For Test :** VOC-TCLVOA-10

CHEMTECH

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F4956-01	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-02	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-03	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-06	Water	12/02/14	12/03/14	12/04/14	12/04/14
F4956-07	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-08	SOIL	12/02/14	12/03/14	12/04/14	12/05/14

*** Details For Test :** PCB Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F4956-01	Solid	8260C	5035		
F4956-02	Solid	8260C	5035		
F4956-03	Solid	8260C	5035		
F4956-04	Solid	8260C	5035		
F4956-05	Solid	8260C	5035		
F4956-06	Water	8260C	5030		
F4956-07	Solid	8260C	5035		
F4956-08	Solid	8260C	5035		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F4956-01	SOIL	Mercury	12/03/14	12/04/14	12/05/14
F4956-02	SOIL	Mercury	12/03/14	12/04/14	12/05/14
F4956-03	SOIL	Mercury	12/03/14	12/04/14	12/05/14
F4956-06	WATER	Mercury	12/03/14	12/04/14	12/05/14
F4956-07	SOIL	Mercury	12/03/14	12/04/14	12/05/14
F4956-08	SOIL	Mercury	12/03/14	12/04/14	12/05/14

*** Details For Test :** Mercury

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F4956-01	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-02	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-03	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-07	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-08	SOIL	12/02/14	12/03/14	12/04/14	12/05/14
F4956-06	Water	12/02/14	12/03/14	12/04/14	12/05/14

* Details For Test :Pesticide-TCL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F4956-01	Solid	8270D	3550		
F4956-02	Solid	8270D	3550		
F4956-03	Solid	8270D	3550		
F4956-04	Solid	8270D	3550		
F4956-05	Solid	8270D	3550		
F4956-06	Water	8270D	3510C		
F4956-07	Solid	8270D	3550		
F4956-08	Solid	8270D	3550		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
F4956-01	SOIL	Metals ICP-TAL	12/03/14	12/08/14	12/08/14
F4956-02	SOIL	Metals ICP-TAL	12/03/14	12/08/14	12/08/14
F4956-03	SOIL	Metals ICP-TAL	12/03/14	12/08/14	12/08/14
F4956-07	SOIL	Metals ICP-TAL	12/03/14	12/08/14	12/08/14
F4956-08	SOIL	Metals ICP-TAL	12/03/14	12/08/14	12/08/14
F4956-06	WATER	Metals ICP-TAL	12/03/14	12/05/14	12/05/14

* Details For Test :Metals ICP-TAL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F4956-01	Solid	8082A	3541		
F4956-02	Solid	8082A	3541		
F4956-03	Solid	8082A	3541		
F4956-04	Solid	8082A	3541		
F4956-05	Solid	8082A	3541		
F4956-06	Water	8082A	3510		
F4956-07	Solid	8082A	3541		
F4956-08	Solid	8082A	3541		

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Cover Page

Order ID : F4956

Project ID : 209 Warburton Ave., Yonkers, NY

Client : C.T. Male Associates, P.C.,

Lab Sample Number	Client Sample Number
F4956-01	B-1(5-7.5)
F4956-02	B-2(2.5-5)
F4956-03	B-3(2.5-5)
F4956-04	F4956-03MS
F4956-05	F4956-03MSD
F4956-06	EB12214
F4956-07	B-4(5-7)
F4956-08	FD12214

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

APPROVED Date: 12/16/2014

By Mildred V Reyes QA/QC Supervisor at 11:01 am, Dec 19, 2014

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F4956
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 12/03/2014.
1 Water sample was received on 12/03/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_F were done using GC column RTX-VMS, which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by Supelco, VOCARB 3000, Tekmar 2000 Concentrator.The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868.The analysis of VOC-TCLVOA-10 was based on method 8260C.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for B-1(5-7.5) [1,2-Dichloroethane-d4 - 53%].
The Internal Standards Areas met the acceptable requirements except for B-1(5-7.5), B-1(5-7.5)RE.
The Retention Times were acceptable for all samples.
The MS {F4956-04MS} with File ID: VF043873.D recoveries met the requirements for all compounds except for Chloroethane[49%] .
The MSD recoveries met the acceptable requirements .
The RPD for {F4956-05MSD} with File ID: VF043876.D recoveries met criteria except for 1,2,3-Trichlorobenzene[28%], 1,2,4-Trichlorobenzene[24%], 1,4-Dioxane[23%], Bromomethane[31%], Chloroethane[91%] and Trichlorofluoromethane[49%] .
The Blank Spike for {VF1208SBS01} with File ID: VF043872.D met requirements for all samples except for Chloroethane[64%] .
The Blank Spike for {VF1209SBS01} with File ID: VF043895.D met requirements for all samples except for Chloroethane[66%] .
The Blank Spike Duplicate met requirements for all samples
The Blank analysis did not indicate the presence of lab contamination.

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The Initial Calibration met the requirements .
The %RSD is greater than 15% in the Initial Calibration (Method 82F120114S.M) for Chloroethane , this compound is passing on Quadratic regression.
The %RSD is greater than 15% in the Initial Calibration (Method 82N112014W.M) for Bromomethane and Cyclohexane , these compounds are passing on Linear regression
The Continuous Calibration File ID VF043893.D met the requirements except for 2-Hexanone .The Continuous Calibration File ID VN020843.D met the requirements except for 2-Hexanone and Bromoform .
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature__ Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:01 am, Dec 19, 2014

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CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F4956
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 12/03/2014.
1 Water sample was received on 12/03/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOC-TCL BNA -20 was based on method 8270D and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD for {F4956-05MSD} with File ID: BF076027.D recoveries met criteria except for 2,3,4,6-Tetrachlorophenol[23%], 2,4-Dinitrotoluene[21%], 3-Nitroaniline[29%], 4,6-Dinitro-2-methylphenol[32%], 4-Chloroaniline[38%], Fluorene[23%] and Hexachlorocyclopentadiene[32%] .The RPD for {PB80682BSD} with File ID: BF076044.D recoveries met criteria except for 3,3-Dichlorobenzidine[46%], 4-Chloroaniline[22%] .
The Blank Spike for {PB80695BS} with File ID: BF076011.D met requirements for all samples except for Benzaldehyde[9%], Di-n-octyl phthalate[54%] .
The Blank Spike for {PB80682BS} with File ID: BF076043.D met requirements for all samples except for 1,1-Biphenyl[55%], 1,2,4,5-Tetrachlorobenzene[62%] and 2,3,4,6-Tetrachlorophenol[63%] .The Blank Spike Duplicate for {PB80682BSD} with File ID: BF076044.D met requirements for all samples except for 1,2,4,5-Tetrachlorobenzene[63%], 2,3,4,6-Tetrachlorophenol[67%] and Benzaldehyde[10%] .
The Blank analysis did not indicate the presence of lab contamination.

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The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF112814.M) for Benzaldehyde, this compound is passing on Quadratic regression while 2,4-Dinitrophenol, Benzo(b)fluoranthene, these compounds are passing on Linear regression.
The Continuous Calibration File ID BF075999.D met the requirements except for 2,4-Dinitrophenol .
The Continuous Calibration File ID BF076015.D met the requirements except for 2,4-Dinitrophenol,Bis(2-ethylhexyl)phthalate,Di-n-octyl phthalate and Hexachlorocyclopentadiene but they were not detected in any samples.
The Continuous Calibration File ID BF076053.D met the requirements except for Di-n-octyl phthalate but they were not detected in any samples.
The Continuous Calibration File ID BF076076.D met the requirements except for Hexachlorocyclopentadiene and 2,4-Dinitrophenol but they were not detected in any samples.
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:01 am, Dec 19, 2014

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CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F4956
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 12/03/2014.
1 Water sample was received on 12/03/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for B-2(2.5-5) [Decachlorobiphenyl(2) - 56%].
The Retention Times were acceptable for all samples.
The MS {F4956-04MS} with File ID: PP006611.D recoveries met the requirements for all compounds except for AR1260[156%] .
The MSD {F4956-05MSD} with File ID: PP006612.D recoveries met the acceptable requirements except for AR1260[143%] .
The RPD recoveries met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration File ID PP006549.D met the requirements except for Aroclor-1016(Peak 04) is failing in 1st column but passing in 2nd column and Aroclor-1260(Peak05) is failing in 2nd column but passing in 1st column .
The Continuous Calibration File ID PP006585.D met the requirements except for Aroclor-1260(Peak 04) is failing in 1st column but passing in 2nd column and

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Tetrachloro-m-xylene and Aroclor-1016(Peak 01) are failing in 2nd column but passing in 1st column while Aroclor-1016(Peak04) is failing in both column.
The Continuous Calibration File ID PP006597.D met the requirements except for Aroclor-1260(Peak 04) is failing in 1st column but passing in 2nd column and Tetrachloro-m-xylene is failing in 2nd column but passing in 1st column while Aroclor-1016(Peak 01 and 04) is failing in both column.
The Continuous Calibration File ID PP006609.D met the requirements except for Aroclor-1016(Peak 01) and Tetrachloro-m-xylene are failing in 2nd column but passing in 1st column .
The Continuous Calibration File ID PP006616.D met the requirements except for Aroclor-1260(Peak 04) is failing in 1st column but passing in 2nd column while Aroclor-1016(Peak 01 and 04), Aroclor-1260(Peak 01 and 03) and Tetrachloro-m-xyleneb are failing in 2nd column but passing in 1st column .
The Continuous Calibration File ID PP006621.D met the requirements except for Aroclor-1016(Peak) and Tetrachloro-m-xylene are failing in 2nd column but passing in 1st column.

E. Additional Comments:
F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:01 am, Dec 19, 2014

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CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F4956
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 12/03/2014.
1 Water sample was received on 12/03/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_D. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HM-G017-11 . The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 7HM-G016-17.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS {F4956-04MS} with File ID: PD025503.D recoveries met the requirements for all compounds except for Aldrin[244%] .
The MSD {F4956-05MSD} with File ID: PD025504.D recoveries met the acceptable requirements except for Aldrin[256%] .
The RPD recoveries met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signatur Mildred V Reyes

APPROVED

By Mildred V Reyes QA/QC Supervisor at 11:01 am, Dec 19, 2014

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CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F4956
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 12/03/2014.
1 Water sample was received on 12/03/2014.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010B, digestion based on method 3050 (soils).The analysis of Metals ICP-TAL was based on method 6010C, digestion based on method 3010 (waters).The analysis and digestion of Mercury was based on method 7470A. The analysis of Mercury was based on method 7471A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution(B-3(2.5-5)L)met criteria for all samples except for Calcium, Chromium, Copper, Magnesium, Manganese and Mercury.

E. Additional Comments:
LLCCV & LLICV is not reqoired for 6010B analytical method.

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Signature Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:01 am, Dec 19, 2014

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CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F4956
Test Name: Cyanide

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 12/03/2014.
1 Water sample was received on 12/03/2014.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for Cyanide.

C. Analytical Techniques:
The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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Signature_ Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:00 am, Dec 19, 2014

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LAB CHRONICLE

OrderID:	F4956	**OrderDate:**	12/4/2014 9:13:00 AM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	G42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F4956-01	**B-1(5-7.5)**	**SOIL**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/08/14	
F4956-01RE	**B-1(5-7.5)RE**	**SOIL**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/09/14	
F4956-02	**B-2(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/08/14	
F4956-03	**B-3(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/08/14	
F4956-06	**EB12214**	**Water**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/05/14	
F4956-07	**B-4(5-7)**	**SOIL**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/09/14	
F4956-08	**FD12214**	**SOIL**			**12/02/14**			**12/03/14**
			VOC-TCLVOA-10	8260C			12/09/14	

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Hit Summary Sheet
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID:	**B-2(2.5-5)**									
F4956-02	B-2(2.5-5)	SOIL	Methylene Chloride		2.60	J	0.48	0.48	4.8	ug/Kg
			Total Voc :		2.6					
			Total Concentration:		2.6					
Client ID:	**B-3(2.5-5)**									
F4956-03	B-3(2.5-5)	SOIL	Acetone		34.20		2.3	2.3	23.4	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Carbon Disulfide		1.30	J	0.47	0.47	4.7	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Methylene Chloride		2.30	J	0.47	0.47	4.7	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	2-Butanone		8.10	J	2.9	7	23.4	ug/Kg
			Total Voc :		45.9					
			Total Concentration:		45.9					
Client ID:	**EB12214**									
F4956-06	EB12214	Water	Acetone		5.90	J	0.5	2.5	25	ug/L
F4956-06	EB12214	Water	Methylene Chloride		1.40	J	0.41	0.5	5	ug/L
			Total Voc :		7.3					
			Total Concentration:		7.3					
Client ID:	**B-4(5-7)**									
F4956-07	B-4(5-7)	SOIL	Methylene Chloride		2.70	J	0.41	0.41	4.1	ug/Kg
F4956-07	B-4(5-7)	SOIL	Methylcyclohexane		3.90	J	0.41	0.41	4.1	ug/Kg
F4956-07	B-4(5-7)	SOIL	Isopropylbenzene		12.00		0.4	0.41	4.1	ug/Kg
			Total Voc :		18.6					
F4956-07	B-4(5-7)	SOIL	unknown14.14	*	100.00	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1,2,3,4-tetrahydrc	*	120.00	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Benzene, 2-ethenyl-1,4-dimeth	*	160.00	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Cyclohexane, pentyl-	*	96.10	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	1H-Indene, 2,3-dihydro-4,7-din	*	250.00	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	110.00	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	1H-Indene, 2,3-dihydro-1,6-din	*	97.30	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Undecane, 2,6-dimethyl-	*	340.00	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Benzoic acid, 2,5-dimethyl-, (2	*	97.60	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Octane, 2,3,6-trimethyl-	*	98.50	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	n-propylbenzene	*	16.40	J	0.3		4.1	ug/Kg
F4956-07	B-4(5-7)	SOIL	sec-Butylbenzene	*	36.20	J	0.41		4.1	ug/Kg
F4956-07	B-4(5-7)	SOIL	n-Butylbenzene	*	24.60	J	0.38		4.1	ug/Kg
			Total Tics :		1546.7					
			Total Concentration:		1565.3					
Client ID:	**FD12214**									
F4956-08	FD12214	SOIL	Methylene Chloride		1.60	J	0.4	0.4	4	ug/Kg
F4956-08	FD12214	SOIL	Methylcyclohexane		9.40		0.4	0.4	4	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
F4956-08	FD12214	SOIL	Isopropylbenzene		18.00		0.38	0.4	4	ug/Kg
			Total Voc :		29					
F4956-08	FD12214	SOIL	unknown13.77	*	400.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	unknown14.08	*	250.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 1-methyl-	*	120.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Benzene, 1-methyl-4-(1-methyl	*	110.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Benzene, 2-ethenyl-1,4-dimeth	*	150.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Octane, 2,6-dimethyl-	*	140.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 1,2,3,4-tetrahydrc	*	120.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Cyclohexane, pentyl-	*	110.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	1H-Indene, 2,3-dihydro-1,6-din	*	110.00	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	n-propylbenzene	*	22.70	J	0.29		4	ug/Kg
F4956-08	FD12214	SOIL	sec-Butylbenzene	*	48.00	J	0.4		4	ug/Kg
F4956-08	FD12214	SOIL	n-Butylbenzene	*	32.70	J	0.37		4	ug/Kg
			Total Tics :		1613.4					
			Total Concentration:		1642.4					

SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.4
Sample Wt/Vol:	6.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043886.D	1		12/08/14 20:07	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	5	U	0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	5	U	0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	5	U	0.99	0.99	5	ug/Kg
75-00-3	Chloroethane	5	UQ	0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	5	U	0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
67-64-1	Acetone	24.9	U	2.5	2.5	24.9	ug/Kg
75-15-0	Carbon Disulfide	5	U	0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	5	U	0.99	0.99	5	ug/Kg
75-09-2	Methylene Chloride	5	U	0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	5	U	0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	24.9	U	3.1	7.5	24.9	ug/Kg
56-23-5	Carbon Tetrachloride	5	U	0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	5	U	0.5	0.5	5	ug/Kg
67-66-3	Chloroform	5	U	0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5	U	0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	5	U	0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	5	U	0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	5	U	0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	24.9	U	2.5	2.5	24.9	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.4
Sample Wt/Vol:	6.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043886.D	1		12/08/14 20:07	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg
79-00-5	1,1,2-Trichloroethane	5	U	0.9	0.99	5	ug/Kg
591-78-6	2-Hexanone	24.9	U	2.5	2.5	24.9	ug/Kg
124-48-1	Dibromochloromethane	5	U	0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	5	U	0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	5	U	0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	9.9	U	0.72	0.99	9.9	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
100-42-5	Styrene	5	U	0.45	0.5	5	ug/Kg
75-25-2	Bromoform	5	U	0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	U	0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	U	0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	U	0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5	U	0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5	U	0.5	0.99	5	ug/Kg
123-91-1	1,4-Dioxane	99.5	U	99.5	99.5	99.5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	26.4	*	56 - 120		53%	SPK: 50
1868-53-7	Dibromofluoromethane	37		57 - 135		74%	SPK: 50
2037-26-5	Toluene-d8	41.1		67 - 123		82%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.4		33 - 141		61%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	109366	4.81				
540-36-3	1,4-Difluorobenzene	157371	5.53				
3114-55-4	Chlorobenzene-d5	107361	9.67				
3855-82-1	1,4-Dichlorobenzene-d4	32733	12.45				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.4
Sample Wt/Vol:	6.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043886.D	1		12/08/14 20:07	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)RE	SDG No.:	F4956
Lab Sample ID:	F4956-01RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.4
Sample Wt/Vol:	6.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043898.D	1		12/09/14 14:00	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.5	U	0.45	0.45	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	0.45	0.45	4.5	ug/Kg
75-01-4	Vinyl Chloride	4.5	U	0.45	0.45	4.5	ug/Kg
74-83-9	Bromomethane	4.5	U	0.91	0.91	4.5	ug/Kg
75-00-3	Chloroethane	4.5	UQ	0.45	0.45	4.5	ug/Kg
75-69-4	Trichlorofluoromethane	4.5	U	0.45	0.45	4.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.5	U	0.45	0.45	4.5	ug/Kg
75-35-4	1,1-Dichloroethene	4.5	U	0.45	0.45	4.5	ug/Kg
67-64-1	Acetone	22.6	U	2.3	2.3	22.6	ug/Kg
75-15-0	Carbon Disulfide	4.5	U	0.45	0.45	4.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.5	U	0.45	0.45	4.5	ug/Kg
79-20-9	Methyl Acetate	4.5	U	0.91	0.91	4.5	ug/Kg
75-09-2	Methylene Chloride	4.5	U	0.45	0.45	4.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.5	U	0.45	0.45	4.5	ug/Kg
75-34-3	1,1-Dichloroethane	4.5	U	0.45	0.45	4.5	ug/Kg
110-82-7	Cyclohexane	4.5	U	0.45	0.45	4.5	ug/Kg
78-93-3	2-Butanone	22.6	U	2.8	6.8	22.6	ug/Kg
56-23-5	Carbon Tetrachloride	4.5	U	0.45	0.45	4.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.5	U	0.45	0.45	4.5	ug/Kg
74-97-5	Bromochloromethane	4.5	U	0.45	0.45	4.5	ug/Kg
67-66-3	Chloroform	4.5	U	0.45	0.45	4.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.5	U	0.45	0.45	4.5	ug/Kg
108-87-2	Methylcyclohexane	4.5	U	0.45	0.45	4.5	ug/Kg
71-43-2	Benzene	4.5	U	0.34	0.45	4.5	ug/Kg
107-06-2	1,2-Dichloroethane	4.5	U	0.45	0.45	4.5	ug/Kg
79-01-6	Trichloroethene	4.5	U	0.45	0.45	4.5	ug/Kg
78-87-5	1,2-Dichloropropane	4.5	U	0.24	0.45	4.5	ug/Kg
75-27-4	Bromodichloromethane	4.5	U	0.45	0.45	4.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	22.6	U	2.3	2.3	22.6	ug/Kg
108-88-3	Toluene	4.5	U	0.45	0.45	4.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.5	U	0.45	0.45	4.5	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)RE	SDG No.:	F4956
Lab Sample ID:	F4956-01RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.4
Sample Wt/Vol:	6.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043898.D	1		12/09/14 14:00	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	4.5	U	0.45	0.45	4.5	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.5	U	0.81	0.91	4.5	ug/Kg
591-78-6	2-Hexanone	22.6	U	2.3	2.3	22.6	ug/Kg
124-48-1	Dibromochloromethane	4.5	U	0.45	0.45	4.5	ug/Kg
106-93-4	1,2-Dibromoethane	4.5	U	0.45	0.45	4.5	ug/Kg
127-18-4	Tetrachloroethene	4.5	U	0.45	0.45	4.5	ug/Kg
108-90-7	Chlorobenzene	4.5	U	0.45	0.45	4.5	ug/Kg
100-41-4	Ethyl Benzene	4.5	U	0.45	0.45	4.5	ug/Kg
179601-23-1	m/p-Xylenes	9.1	U	0.65	0.91	9.1	ug/Kg
95-47-6	o-Xylene	4.5	U	0.45	0.45	4.5	ug/Kg
100-42-5	Styrene	4.5	U	0.41	0.45	4.5	ug/Kg
75-25-2	Bromoform	4.5	U	0.67	1.4	4.5	ug/Kg
98-82-8	Isopropylbenzene	4.5	U	0.43	0.45	4.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.5	U	0.42	0.45	4.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.5	U	0.33	0.45	4.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.5	U	0.37	0.45	4.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.5	U	0.45	0.45	4.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.5	U	0.79	4.5	4.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.5	U	0.45	0.45	4.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.5	U	0.45	0.91	4.5	ug/Kg
123-91-1	1,4-Dioxane	90.5	U	90.5	90.5	90.5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	34.6		56 - 120		69%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		57 - 135		86%	SPK: 50
2037-26-5	Toluene-d8	49.5		67 - 123		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	32.8		33 - 141		65%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	130612	4.85				
540-36-3	1,4-Difluorobenzene	184492	5.56				
3114-55-4	Chlorobenzene-d5	137572	9.71				
3855-82-1	1,4-Dichlorobenzene-d4	38699	12.47				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)RE	SDG No.:	F4956
Lab Sample ID:	F4956-01RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.4
Sample Wt/Vol:	6.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043898.D	1		12/09/14 14:00	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	5.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043887.D	1		12/08/14 20:35	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.8	U	0.48	0.48	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	0.48	0.48	4.8	ug/Kg
75-01-4	Vinyl Chloride	4.8	U	0.48	0.48	4.8	ug/Kg
74-83-9	Bromomethane	4.8	U	0.95	0.95	4.8	ug/Kg
75-00-3	Chloroethane	4.8	UQ	0.48	0.48	4.8	ug/Kg
75-69-4	Trichlorofluoromethane	4.8	U	0.48	0.48	4.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.8	U	0.48	0.48	4.8	ug/Kg
75-35-4	1,1-Dichloroethene	4.8	U	0.48	0.48	4.8	ug/Kg
67-64-1	Acetone	23.9	U	2.4	2.4	23.9	ug/Kg
75-15-0	Carbon Disulfide	4.8	U	0.48	0.48	4.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.8	U	0.48	0.48	4.8	ug/Kg
79-20-9	Methyl Acetate	4.8	U	0.95	0.95	4.8	ug/Kg
75-09-2	Methylene Chloride	2.6	J	0.48	0.48	4.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.8	U	0.48	0.48	4.8	ug/Kg
75-34-3	1,1-Dichloroethane	4.8	U	0.48	0.48	4.8	ug/Kg
110-82-7	Cyclohexane	4.8	U	0.48	0.48	4.8	ug/Kg
78-93-3	2-Butanone	23.9	U	3	7.2	23.9	ug/Kg
56-23-5	Carbon Tetrachloride	4.8	U	0.48	0.48	4.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.8	U	0.48	0.48	4.8	ug/Kg
74-97-5	Bromochloromethane	4.8	U	0.48	0.48	4.8	ug/Kg
67-66-3	Chloroform	4.8	U	0.48	0.48	4.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.8	U	0.48	0.48	4.8	ug/Kg
108-87-2	Methylcyclohexane	4.8	U	0.48	0.48	4.8	ug/Kg
71-43-2	Benzene	4.8	U	0.36	0.48	4.8	ug/Kg
107-06-2	1,2-Dichloroethane	4.8	U	0.48	0.48	4.8	ug/Kg
79-01-6	Trichloroethene	4.8	U	0.48	0.48	4.8	ug/Kg
78-87-5	1,2-Dichloropropane	4.8	U	0.25	0.48	4.8	ug/Kg
75-27-4	Bromodichloromethane	4.8	U	0.48	0.48	4.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.9	U	2.4	2.4	23.9	ug/Kg
108-88-3	Toluene	4.8	U	0.48	0.48	4.8	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.8	U	0.48	0.48	4.8	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	5.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043887.D	1		12/08/14 20:35	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	4.8	U	0.48	0.48	4.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.8	U	0.86	0.95	4.8	ug/Kg
591-78-6	2-Hexanone	23.9	U	2.4	2.4	23.9	ug/Kg
124-48-1	Dibromochloromethane	4.8	U	0.48	0.48	4.8	ug/Kg
106-93-4	1,2-Dibromoethane	4.8	U	0.48	0.48	4.8	ug/Kg
127-18-4	Tetrachloroethene	4.8	U	0.48	0.48	4.8	ug/Kg
108-90-7	Chlorobenzene	4.8	U	0.48	0.48	4.8	ug/Kg
100-41-4	Ethyl Benzene	4.8	U	0.48	0.48	4.8	ug/Kg
179601-23-1	m/p-Xylenes	9.5	U	0.69	0.95	9.5	ug/Kg
95-47-6	o-Xylene	4.8	U	0.48	0.48	4.8	ug/Kg
100-42-5	Styrene	4.8	U	0.43	0.48	4.8	ug/Kg
75-25-2	Bromoform	4.8	U	0.71	1.4	4.8	ug/Kg
98-82-8	Isopropylbenzene	4.8	U	0.46	0.48	4.8	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.8	U	0.44	0.48	4.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.8	U	0.35	0.48	4.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.8	U	0.39	0.48	4.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.8	U	0.48	0.48	4.8	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.8	U	0.83	4.8	4.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.8	U	0.48	0.48	4.8	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.8	U	0.48	0.95	4.8	ug/Kg
123-91-1	1,4-Dioxane	95.4	U	95.4	95.4	95.4	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	38		56 - 120		76%	SPK: 50
1868-53-7	Dibromofluoromethane	43.4		57 - 135		87%	SPK: 50
2037-26-5	Toluene-d8	45.5		67 - 123		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.5		33 - 141		71%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	366388	4.81				
540-36-3	1,4-Difluorobenzene	549720	5.53				
3114-55-4	Chlorobenzene-d5	440550	9.66				
3855-82-1	1,4-Dichlorobenzene-d4	150980	12.45				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	5.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043887.D	1		12/08/14 20:35	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043874.D	1		12/08/14 14:37	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.7	U	0.47	0.47	4.7	ug/Kg
74-87-3	Chloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
75-01-4	Vinyl Chloride	4.7	U	0.47	0.47	4.7	ug/Kg
74-83-9	Bromomethane	4.7	U	0.94	0.94	4.7	ug/Kg
75-00-3	Chloroethane	4.7	UQ	0.47	0.47	4.7	ug/Kg
75-69-4	Trichlorofluoromethane	4.7	U	0.47	0.47	4.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.7	U	0.47	0.47	4.7	ug/Kg
75-35-4	1,1-Dichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
67-64-1	Acetone	34.2		2.3	2.3	23.4	ug/Kg
75-15-0	Carbon Disulfide	1.3	J	0.47	0.47	4.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.7	U	0.47	0.47	4.7	ug/Kg
79-20-9	Methyl Acetate	4.7	U	0.94	0.94	4.7	ug/Kg
75-09-2	Methylene Chloride	2.3	J	0.47	0.47	4.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
75-34-3	1,1-Dichloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
110-82-7	Cyclohexane	4.7	U	0.47	0.47	4.7	ug/Kg
78-93-3	2-Butanone	8.1	J	2.9	7	23.4	ug/Kg
56-23-5	Carbon Tetrachloride	4.7	U	0.47	0.47	4.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
74-97-5	Bromochloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
67-66-3	Chloroform	4.7	U	0.47	0.47	4.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
108-87-2	Methylcyclohexane	4.7	U	0.47	0.47	4.7	ug/Kg
71-43-2	Benzene	4.7	U	0.36	0.47	4.7	ug/Kg
107-06-2	1,2-Dichloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
79-01-6	Trichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
78-87-5	1,2-Dichloropropane	4.7	U	0.24	0.47	4.7	ug/Kg
75-27-4	Bromodichloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.4	U	2.3	2.3	23.4	ug/Kg
108-88-3	Toluene	4.7	U	0.47	0.47	4.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.7	U	0.47	0.47	4.7	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043874.D	1		12/08/14 14:37	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	4.7	U	0.47	0.47	4.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.7	U	0.84	0.94	4.7	ug/Kg
591-78-6	2-Hexanone	23.4	U	2.3	2.3	23.4	ug/Kg
124-48-1	Dibromochloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
106-93-4	1,2-Dibromoethane	4.7	U	0.47	0.47	4.7	ug/Kg
127-18-4	Tetrachloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
108-90-7	Chlorobenzene	4.7	U	0.47	0.47	4.7	ug/Kg
100-41-4	Ethyl Benzene	4.7	U	0.47	0.47	4.7	ug/Kg
179601-23-1	m/p-Xylenes	9.4	U	0.68	0.94	9.4	ug/Kg
95-47-6	o-Xylene	4.7	U	0.47	0.47	4.7	ug/Kg
100-42-5	Styrene	4.7	U	0.42	0.47	4.7	ug/Kg
75-25-2	Bromoform	4.7	U	0.69	1.4	4.7	ug/Kg
98-82-8	Isopropylbenzene	4.7	U	0.45	0.47	4.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.7	U	0.43	0.47	4.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.7	U	0.35	0.47	4.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.7	U	0.38	0.47	4.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.7	U	0.47	0.47	4.7	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.7	U	0.82	4.7	4.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.7	U	0.47	0.47	4.7	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.7	U	0.47	0.94	4.7	ug/Kg
123-91-1	1,4-Dioxane	93.8	U	93.8	93.8	93.8	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	37.9		56 - 120		76%	SPK: 50
1868-53-7	Dibromofluoromethane	42.2		57 - 135		84%	SPK: 50
2037-26-5	Toluene-d8	44.9		67 - 123		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.1		33 - 141		72%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	363343	4.78				
540-36-3	1,4-Difluorobenzene	564227	5.51				
3114-55-4	Chlorobenzene-d5	429514	9.65				
3855-82-1	1,4-Dichlorobenzene-d4	145376	12.44				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043874.D	1		12/08/14 14:37	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020850.D	1		12/05/14 14:21	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	5.9	J	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	1.4	J	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020850.D	1		12/05/14 14:21	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.8		61 - 141		104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		69 - 133		105%	SPK: 50
2037-26-5	Toluene-d8	46.5		65 - 126		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.8		58 - 135		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	749106	7.86				
540-36-3	1,4-Difluorobenzene	1051900	8.78				
3114-55-4	Chlorobenzene-d5	946755	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	434496	13.56				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020850.D	1		12/05/14 14:21	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9
Sample Wt/Vol:	6.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043914.D	1		12/09/14 21:18	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.1	U	0.41	0.41	4.1	ug/Kg
74-87-3	Chloromethane	4.1	U	0.41	0.41	4.1	ug/Kg
75-01-4	Vinyl Chloride	4.1	U	0.41	0.41	4.1	ug/Kg
74-83-9	Bromomethane	4.1	U	0.83	0.83	4.1	ug/Kg
75-00-3	Chloroethane	4.1	UQ	0.41	0.41	4.1	ug/Kg
75-69-4	Trichlorofluoromethane	4.1	U	0.41	0.41	4.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.1	U	0.41	0.41	4.1	ug/Kg
75-35-4	1,1-Dichloroethene	4.1	U	0.41	0.41	4.1	ug/Kg
67-64-1	Acetone	20.7	U	2.1	2.1	20.7	ug/Kg
75-15-0	Carbon Disulfide	4.1	U	0.41	0.41	4.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.1	U	0.41	0.41	4.1	ug/Kg
79-20-9	Methyl Acetate	4.1	U	0.83	0.83	4.1	ug/Kg
75-09-2	Methylene Chloride	2.7	J	0.41	0.41	4.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.1	U	0.41	0.41	4.1	ug/Kg
75-34-3	1,1-Dichloroethane	4.1	U	0.41	0.41	4.1	ug/Kg
110-82-7	Cyclohexane	4.1	U	0.41	0.41	4.1	ug/Kg
78-93-3	2-Butanone	20.7	U	2.6	6.2	20.7	ug/Kg
56-23-5	Carbon Tetrachloride	4.1	U	0.41	0.41	4.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.1	U	0.41	0.41	4.1	ug/Kg
74-97-5	Bromochloromethane	4.1	U	0.41	0.41	4.1	ug/Kg
67-66-3	Chloroform	4.1	U	0.41	0.41	4.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.1	U	0.41	0.41	4.1	ug/Kg
108-87-2	Methylcyclohexane	3.9	J	0.41	0.41	4.1	ug/Kg
71-43-2	Benzene	4.1	U	0.32	0.41	4.1	ug/Kg
107-06-2	1,2-Dichloroethane	4.1	U	0.41	0.41	4.1	ug/Kg
79-01-6	Trichloroethene	4.1	U	0.41	0.41	4.1	ug/Kg
78-87-5	1,2-Dichloropropane	4.1	U	0.22	0.41	4.1	ug/Kg
75-27-4	Bromodichloromethane	4.1	U	0.41	0.41	4.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	20.7	U	2.1	2.1	20.7	ug/Kg
108-88-3	Toluene	4.1	U	0.41	0.41	4.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.1	U	0.41	0.41	4.1	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9
Sample Wt/Vol:	6.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043914.D	1		12/09/14 21:18	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	4.1	U	0.41	0.41	4.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.1	U	0.75	0.83	4.1	ug/Kg
591-78-6	2-Hexanone	20.7	U	2.1	2.1	20.7	ug/Kg
124-48-1	Dibromochloromethane	4.1	U	0.41	0.41	4.1	ug/Kg
106-93-4	1,2-Dibromoethane	4.1	U	0.41	0.41	4.1	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	0.41	0.41	4.1	ug/Kg
108-90-7	Chlorobenzene	4.1	U	0.41	0.41	4.1	ug/Kg
100-41-4	Ethyl Benzene	4.1	U	0.41	0.41	4.1	ug/Kg
179601-23-1	m/p-Xylenes	8.3	U	0.6	0.83	8.3	ug/Kg
95-47-6	o-Xylene	4.1	U	0.41	0.41	4.1	ug/Kg
100-42-5	Styrene	4.1	U	0.37	0.41	4.1	ug/Kg
75-25-2	Bromoform	4.1	U	0.61	1.2	4.1	ug/Kg
98-82-8	Isopropylbenzene	12		0.4	0.41	4.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.1	U	0.38	0.41	4.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.1	U	0.31	0.41	4.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.1	U	0.34	0.41	4.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.1	U	0.41	0.41	4.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.1	U	0.72	4.1	4.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.1	U	0.41	0.41	4.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.1	U	0.41	0.83	4.1	ug/Kg
123-91-1	1,4-Dioxane	83	U	83	83	83	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42		56 - 120		84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	41.9		67 - 123		84%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		33 - 141		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	328227	4.84				
540-36-3	1,4-Difluorobenzene	536581	5.56				
3114-55-4	Chlorobenzene-d5	443125	9.7				
3855-82-1	1,4-Dichlorobenzene-d4	205196	12.48				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9
Sample Wt/Vol:	6.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043914.D	1		12/09/14 21:18	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
103-65-1	n-propylbenzene	16.4	J			11.52	ug/Kg
135-98-8	sec-Butylbenzene	36.2	J			12.23	ug/Kg
104-51-8	n-Butylbenzene	24.6	J			12.77	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	110	J			12.87	ug/Kg
004292-92-6	Cyclohexane, pentyl-	96.1	J			13.21	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	160	J			13.63	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	340	J			13.78	ug/Kg
055000-48-1	Benzoic acid, 2,5-dimethyl-, (2,4-	97.6	J			13.84	ug/Kg
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	97.3	J			13.99	ug/Kg
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	250	J			14.07	ug/Kg
	unknown14.14	100	J			14.14	ug/Kg
062016-33-5	Octane, 2,3,6-trimethyl-	98.5	J			14.22	ug/Kg
001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-	120	J			14.65	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9.9
Sample Wt/Vol:	6.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043915.D	1		12/09/14 21:45	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4	U	0.4	0.4	4	ug/Kg
74-87-3	Chloromethane	4	U	0.4	0.4	4	ug/Kg
75-01-4	Vinyl Chloride	4	U	0.4	0.4	4	ug/Kg
74-83-9	Bromomethane	4	U	0.8	0.8	4	ug/Kg
75-00-3	Chloroethane	4	UQ	0.4	0.4	4	ug/Kg
75-69-4	Trichlorofluoromethane	4	U	0.4	0.4	4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4	U	0.4	0.4	4	ug/Kg
75-35-4	1,1-Dichloroethene	4	U	0.4	0.4	4	ug/Kg
67-64-1	Acetone	20	U	2	2	20	ug/Kg
75-15-0	Carbon Disulfide	4	U	0.4	0.4	4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4	U	0.4	0.4	4	ug/Kg
79-20-9	Methyl Acetate	4	U	0.8	0.8	4	ug/Kg
75-09-2	Methylene Chloride	1.6	J	0.4	0.4	4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4	U	0.4	0.4	4	ug/Kg
75-34-3	1,1-Dichloroethane	4	U	0.4	0.4	4	ug/Kg
110-82-7	Cyclohexane	4	U	0.4	0.4	4	ug/Kg
78-93-3	2-Butanone	20	U	2.5	6	20	ug/Kg
56-23-5	Carbon Tetrachloride	4	U	0.4	0.4	4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4	U	0.4	0.4	4	ug/Kg
74-97-5	Bromochloromethane	4	U	0.4	0.4	4	ug/Kg
67-66-3	Chloroform	4	U	0.4	0.4	4	ug/Kg
71-55-6	1,1,1-Trichloroethane	4	U	0.4	0.4	4	ug/Kg
108-87-2	Methylcyclohexane	9.4		0.4	0.4	4	ug/Kg
71-43-2	Benzene	4	U	0.3	0.4	4	ug/Kg
107-06-2	1,2-Dichloroethane	4	U	0.4	0.4	4	ug/Kg
79-01-6	Trichloroethene	4	U	0.4	0.4	4	ug/Kg
78-87-5	1,2-Dichloropropane	4	U	0.21	0.4	4	ug/Kg
75-27-4	Bromodichloromethane	4	U	0.4	0.4	4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	20	U	2	2	20	ug/Kg
108-88-3	Toluene	4	U	0.4	0.4	4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4	U	0.4	0.4	4	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9.9
Sample Wt/Vol:	6.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043915.D	1		12/09/14 21:45	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	4	U	0.4	0.4	4	ug/Kg
79-00-5	1,1,2-Trichloroethane	4	U	0.72	0.8	4	ug/Kg
591-78-6	2-Hexanone	20	U	2	2	20	ug/Kg
124-48-1	Dibromochloromethane	4	U	0.4	0.4	4	ug/Kg
106-93-4	1,2-Dibromoethane	4	U	0.4	0.4	4	ug/Kg
127-18-4	Tetrachloroethene	4	U	0.4	0.4	4	ug/Kg
108-90-7	Chlorobenzene	4	U	0.4	0.4	4	ug/Kg
100-41-4	Ethyl Benzene	4	U	0.4	0.4	4	ug/Kg
179601-23-1	m/p-Xylenes	8	U	0.58	0.8	8	ug/Kg
95-47-6	o-Xylene	4	U	0.4	0.4	4	ug/Kg
100-42-5	Styrene	4	U	0.36	0.4	4	ug/Kg
75-25-2	Bromoform	4	U	0.59	1.2	4	ug/Kg
98-82-8	Isopropylbenzene	18		0.38	0.4	4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4	U	0.37	0.4	4	ug/Kg
541-73-1	1,3-Dichlorobenzene	4	U	0.3	0.4	4	ug/Kg
106-46-7	1,4-Dichlorobenzene	4	U	0.33	0.4	4	ug/Kg
95-50-1	1,2-Dichlorobenzene	4	U	0.4	0.4	4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4	U	0.7	4	4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4	U	0.4	0.4	4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4	U	0.4	0.8	4	ug/Kg
123-91-1	1,4-Dioxane	80	U	80	80	80	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.7		56 - 120		87%	SPK: 50
1868-53-7	Dibromofluoromethane	47.7		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	43.9		67 - 123		88%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.7		33 - 141		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	253258	4.85				
540-36-3	1,4-Difluorobenzene	410235	5.57				
3114-55-4	Chlorobenzene-d5	320945	9.71				
3855-82-1	1,4-Dichlorobenzene-d4	133914	12.47				
TENTATIVE IDENTIFIED COMPOUNDS							

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9.9
Sample Wt/Vol:	6.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043915.D	1		12/09/14 21:45	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
103-65-1	n-propylbenzene	22.7	J			11.53	ug/Kg
135-98-8	sec-Butylbenzene	48	J			12.24	ug/Kg
104-51-8	n-Butylbenzene	32.7	J			12.77	ug/Kg
004292-92-6	Cyclohexane, pentyl-	110	J			13.22	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	150	J			13.63	ug/Kg
	unknown13.77	400	J			13.77	ug/Kg
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	110	J			13.84	ug/Kg
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	110	J			14	ug/Kg
	unknown14.08	250	J			14.08	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	140	J			14.22	ug/Kg
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	120	J			14.65	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	120	J			15.3	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

QC SUMMARY

Surrogate Summary

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
F4956-01	B-1(5-7.5)	1,2-Dichloroethane-d4	50	26.36	53	*	56	120
		Dibromofluoromethane	50	36.99	74		57	135
		Toluene-d8	50	41.13	82		67	123
		4-Bromofluorobenzene	50	30.37	61		33	141
F4956-01RE	B-1(5-7.5)RE	1,2-Dichloroethane-d4	50	34.55	69		56	120
		Dibromofluoromethane	50	43.24	86		57	135
		Toluene-d8	50	49.51	99		67	123
		4-Bromofluorobenzene	50	32.75	65		33	141
F4956-02	B-2(2.5-5)	1,2-Dichloroethane-d4	50	38.02	76		56	120
		Dibromofluoromethane	50	43.39	87		57	135
		Toluene-d8	50	45.48	91		67	123
		4-Bromofluorobenzene	50	35.49	71		33	141
F4956-03	B-3(2.5-5)	1,2-Dichloroethane-d4	50	37.93	76		56	120
		Dibromofluoromethane	50	42.22	84		57	135
		Toluene-d8	50	44.94	90		67	123
		4-Bromofluorobenzene	50	36.07	72		33	141
F4956-04MS	B-3(2.5-5)MS	1,2-Dichloroethane-d4	50	47.589	95		56	120
		Dibromofluoromethane	50	44.768	90		57	135
		Toluene-d8	50	49.184	98		67	123
		4-Bromofluorobenzene	50	42.921	86		33	141
F4956-05MSD	B-3(2.5-5)MSD	1,2-Dichloroethane-d4	50	41.704	83		56	120
		Dibromofluoromethane	50	49.259	99		57	135
		Toluene-d8	50	54.216	108		67	123
		4-Bromofluorobenzene	50	49.305	99		33	141
F4956-06	EB12214	1,2-Dichloroethane-d4	50	51.82	104		61	141
		Dibromofluoromethane	50	52.37	105		69	133
		Toluene-d8	50	46.48	93		65	126
		4-Bromofluorobenzene	50	40.79	82		58	135
F4956-07	B-4(5-7)	1,2-Dichloroethane-d4	50	42.02	84		56	120
		Dibromofluoromethane	50	46.43	93		57	135
		Toluene-d8	50	41.94	84		67	123
		4-Bromofluorobenzene	50	51.92	104		33	141
F4956-08	FD12214	1,2-Dichloroethane-d4	50	43.73	87		56	120
		Dibromofluoromethane	50	47.66	95		57	135
		Toluene-d8	50	43.89	88		67	123
		4-Bromofluorobenzene	50	56.65	113		33	141
VF1208SBL01	VF1208SBL01	1,2-Dichloroethane-d4	50	44.86	90		56	120
		Dibromofluoromethane	50	45.92	92		57	135
		Toluene-d8	50	50.37	101		67	123
		4-Bromofluorobenzene	50	47.23	94		33	141
VF1208SBS01	VF1208SBS01	1,2-Dichloroethane-d4	50	49.319	99		56	120
		Dibromofluoromethane	50	48.724	97		57	135
		Toluene-d8	50	53.028	106		67	123
		4-Bromofluorobenzene	50	50.148	100		33	141
VF1209SBL01	VF1209SBL01	1,2-Dichloroethane-d4	50	47.41	95		56	120
		Dibromofluoromethane	50	50.04	100		57	135
		Toluene-d8	50	52.24	104		67	123
		4-Bromofluorobenzene	50	51.3	103		33	141
VF1209SBS01	VF1209SBS01	1,2-Dichloroethane-d4	50	50.17	100		56	120
		Dibromofluoromethane	50	50.66	101		57	135
		Toluene-d8	50	54.23	108		67	123
		4-Bromofluorobenzene	50	53.43	107		33	141

Surrogate Summary

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VN1205WBL01	VN1205WBL01	1,2-Dichloroethane-d4	50	52.28	105	61	141
		Dibromofluoromethane	50	52.64	105	69	133
		Toluene-d8	50	46.76	94	65	126
		4-Bromofluorobenzene	50	41.85	84	58	135
VN1205WBS01	VN1205WBS01	1,2-Dichloroethane-d4	50	50.5	101	61	141
		Dibromofluoromethane	50	52.19	104	69	133
		Toluene-d8	50	45.99	92	65	126
		4-Bromofluorobenzene	50	48.78	98	58	135
VN1205WBSD0	VN1205WBSD01	1,2-Dichloroethane-d4	50	52.71	105	61	141
		Dibromofluoromethane	50	52.68	105	69	133
		Toluene-d8	50	45.58	91	65	126
		4-Bromofluorobenzene	50	47.85	96	58	135

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : F4956-04MS		**Client Sample ID : B-3(2.5-5)MS**						**Datafile :** VF043873.D			
Dichlorodifluoromethane	41.3	0	39.7	ug/Kg	96				44	157	
Chloromethane	41.3	0	36.9	ug/Kg	89				51	144	
Vinyl chloride	41.3	0	40.5	ug/Kg	98				56	145	
Bromomethane	41.3	0	28.5	ug/Kg	69				47	151	
Chloroethane	41.3	0	20.1	ug/Kg	49	*			55	158	
Trichlorofluoromethane	41.3	0	30.9	ug/Kg	75				63	145	
1,1,2-Trichlorotrifluoroethane	41.3	0	39.4	ug/Kg	95				63	141	
1,1-Dichloroethene	41.3	0	38.8	ug/Kg	94				64	140	
Acetone	210	34.2	260	ug/Kg	108				41	145	
Carbon disulfide	41.3	1.2	35.4	ug/Kg	83				56	139	
Methyl tert-butyl Ether	41.3	0	41.3	ug/Kg	100				64	132	
Methyl Acetate	41.3	0	40.8	ug/Kg	99				21	221	
Methylene Chloride	41.3	2.3	37.6	ug/Kg	85				59	133	
trans-1,2-Dichloroethene	41.3	0	39.9	ug/Kg	97				64	135	
1,1-Dichloroethane	41.3	0	40.1	ug/Kg	97				66	135	
Cyclohexane	41.3	0	39.2	ug/Kg	95				59	140	
2-Butanone	210	8.1	220	ug/Kg	101				54	137	
Carbon Tetrachloride	41.3	0	39	ug/Kg	94				66	137	
cis-1,2-Dichloroethene	41.3	0	40	ug/Kg	97				65	132	
Bromochloromethane	41.3	0	39.9	ug/Kg	97				62	125	
Chloroform	41.3	0	39.8	ug/Kg	96				68	132	
1,1,1-Trichloroethane	41.3	0	40.7	ug/Kg	99				69	138	
Methylcyclohexane	41.3	0	38.2	ug/Kg	92				54	134	
Benzene	41.3	0	41.9	ug/Kg	101				68	130	
1,2-Dichloroethane	41.3	0	39.4	ug/Kg	95				68	130	
Trichloroethene	41.3	0	42.8	ug/Kg	104				54	149	
1,2-Dichloropropane	41.3	0	44.1	ug/Kg	107				65	136	
Bromodichloromethane	41.3	0	41.6	ug/Kg	101				68	132	
4-Methyl-2-Pentanone	210	0	220	ug/Kg	105				59	137	
Toluene	41.3	0	41.3	ug/Kg	100				65	133	
t-1,3-Dichloropropene	41.3	0	40	ug/Kg	97				64	129	
cis-1,3-Dichloropropene	41.3	0	40.3	ug/Kg	98				65	129	
1,1,2-Trichloroethane	41.3	0	41.9	ug/Kg	101				66	131	
2-Hexanone	210	0	230	ug/Kg	110				58	133	
Dibromochloromethane	41.3	0	39.5	ug/Kg	96				67	131	
1,2-Dibromoethane	41.3	0	40.9	ug/Kg	99				65	130	
Tetrachloroethene	41.3	0	45.4	ug/Kg	110				37	161	
Chlorobenzene	41.3	0	42.4	ug/Kg	103				66	128	
Ethyl Benzene	41.3	0	43.7	ug/Kg	106				65	133	
m/p-Xylenes	82.7	0	87.5	ug/Kg	106				62	134	
o-Xylene	41.3	0	43.7	ug/Kg	106				65	133	
Styrene	41.3	0	41.5	ug/Kg	100				66	127	
Bromoform	41.3	0	41.2	ug/Kg	100				68	131	
Isopropylbenzene	41.3	0	49.8	ug/Kg	121				64	139	
1,1,2,2-Tetrachloroethane	41.3	0	47.4	ug/Kg	115				48	150	
1,3-Dichlorobenzene	41.3	0	42.8	ug/Kg	104				60	129	
1,4-Dichlorobenzene	41.3	0	42.3	ug/Kg	102				59	128	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2-Dichlorobenzene	41.3	0	41.7	ug/Kg	101				63	127	
1,2-Dibromo-3-Chloropropane	41.3	0	42.9	ug/Kg	104				65	137	
1,2,4-Trichlorobenzene	41.3	0	29.2	ug/Kg	71				38	131	
1,2,3-Trichlorobenzene	41.3	0	25.7	ug/Kg	62				26	131	
1,4-Dioxane	830	0	850	ug/Kg	102				50	150	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : F4956-05MSD	**Client Sample ID :** B-3(2.5-5)MSD							**Datafile :** VF043876.D			
Dichlorodifluoromethane	45.6	0	45	ug/Kg	99		3		44	157	20
Chloromethane	45.6	0	43.7	ug/Kg	96		7		51	144	20
Vinyl chloride	45.6	0	44.3	ug/Kg	97		1		56	145	20
Bromomethane	45.6	0	43	ug/Kg	94		31	*	47	151	20
Chloroethane	45.6	0	59.4	ug/Kg	130		91	*	55	158	20
Trichlorofluoromethane	45.6	0	56	ug/Kg	123		49	*	63	145	20
1,1,2-Trichlorotrifluoroethane	45.6	0	43.9	ug/Kg	96		1		63	141	20
1,1-Dichloroethene	45.6	0	47.6	ug/Kg	104		11		64	140	20
Acetone	230	34.2	240	ug/Kg	89		17		41	145	20
Carbon disulfide	45.6	1.2	43.3	ug/Kg	92		10		56	139	20
Methyl tert-butyl Ether	45.6	0	42.3	ug/Kg	93		8		64	132	20
Methyl Acetate	45.6	0	36.7	ug/Kg	80		20		21	221	20
Methylene Chloride	45.6	2.3	43.4	ug/Kg	90		4		59	133	20
trans-1,2-Dichloroethene	45.6	0	45.5	ug/Kg	100		3		64	135	20
1,1-Dichloroethane	45.6	0	46.3	ug/Kg	102		4		66	135	20
Cyclohexane	45.6	0	44	ug/Kg	96		2		59	140	20
2-Butanone	230	8.1	220	ug/Kg	92		9		54	137	20
Carbon Tetrachloride	45.6	0	50	ug/Kg	110		15		66	137	20
cis-1,2-Dichloroethene	45.6	0	46.9	ug/Kg	103		6		65	132	20
Bromochloromethane	45.6	0	38.3	ug/Kg	84		14		62	125	20
Chloroform	45.6	0	49	ug/Kg	107		11		68	132	20
1,1,1-Trichloroethane	45.6	0	46.1	ug/Kg	101		3		69	138	20
Methylcyclohexane	45.6	0	43.8	ug/Kg	96		4		54	134	20
Benzene	45.6	0	49.5	ug/Kg	109		7		68	130	20
1,2-Dichloroethane	45.6	0	43.4	ug/Kg	95		0		68	130	20
Trichloroethene	45.6	0	49.2	ug/Kg	108		4		54	149	20
1,2-Dichloropropane	45.6	0	48.8	ug/Kg	107		0		65	136	20
Bromodichloromethane	45.6	0	46.3	ug/Kg	102		1		68	132	20
4-Methyl-2-Pentanone	230	0	220	ug/Kg	96		9		59	137	20
Toluene	45.6	0	50.6	ug/Kg	111		10		65	133	20
t-1,3-Dichloropropene	45.6	0	43.8	ug/Kg	96		1		64	129	20
cis-1,3-Dichloropropene	45.6	0	48	ug/Kg	105		8		65	129	20
1,1,2-Trichloroethane	45.6	0	45.7	ug/Kg	100		1		66	131	20
2-Hexanone	230	0	230	ug/Kg	100		9		58	133	20
Dibromochloromethane	45.6	0	46.7	ug/Kg	102		7		67	131	20
1,2-Dibromoethane	45.6	0	44.6	ug/Kg	98		1		65	130	20
Tetrachloroethene	45.6	0	52.2	ug/Kg	114		4		37	161	20
Chlorobenzene	45.6	0	50.5	ug/Kg	111		8		66	128	20
Ethyl Benzene	45.6	0	49.7	ug/Kg	109		3		65	133	20
m/p-Xylenes	91.1	0	100	ug/Kg	110		4		62	134	20
o-Xylene	45.6	0	51	ug/Kg	112		6		65	133	20
Styrene	45.6	0	51.5	ug/Kg	113		12		66	127	20
Bromoform	45.6	0	48	ug/Kg	105		5		68	131	20
Isopropylbenzene	45.6	0	50.9	ug/Kg	112		8		64	139	20
1,1,2,2-Tetrachloroethane	45.6	0	47.2	ug/Kg	104		10		48	150	20
1,3-Dichlorobenzene	45.6	0	48	ug/Kg	105		2		60	129	20
1,4-Dichlorobenzene	45.6	0	49	ug/Kg	107		5		59	128	20

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2-Dichlorobenzene	45.6	0	48.9	ug/Kg	107		6		63	127	20
1,2-Dibromo-3-Chloropropane	45.6	0	42.3	ug/Kg	93		11		65	137	20
1,2,4-Trichlorobenzene	45.6	0	41.1	ug/Kg	90		24	*	38	131	20
1,2,3-Trichlorobenzene	45.6	0	37.6	ug/Kg	82		28	*	26	131	20
1,4-Dioxane	910	0	740	ug/Kg	81		23	*	50	150	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VF043872.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VF1208SBS01	Dichlorodifluoromethane	20	20.7	ug/Kg	104			50	142	
	Chloromethane	20	18.4	ug/Kg	92			65	131	
	Vinyl chloride	20	19.4	ug/Kg	97			67	130	
	Bromomethane	20	16.3	ug/Kg	81			64	136	
	Chloroethane	20	12.7	ug/Kg	64		*	66	146	
	Trichlorofluoromethane	20	16.7	ug/Kg	84			72	134	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/Kg	93			73	133	
	1,1-Dichloroethene	20	18.8	ug/Kg	94			74	130	
	Acetone	100	79.7	ug/Kg	80			57	135	
	Carbon disulfide	20	17.7	ug/Kg	89			71	130	
	Methyl tert-butyl Ether	20	19.2	ug/Kg	96			76	123	
	Methyl Acetate	20	19.5	ug/Kg	98			62	146	
	Methylene Chloride	20	18.1	ug/Kg	91			73	134	
	trans-1,2-Dichloroethene	20	18.6	ug/Kg	93			76	125	
	1,1-Dichloroethane	20	19.1	ug/Kg	96			78	124	
	Cyclohexane	20	19.1	ug/Kg	96			72	130	
	2-Butanone	100	93.5	ug/Kg	94			68	132	
	Carbon Tetrachloride	20	18.3	ug/Kg	92			76	127	
	cis-1,2-Dichloroethene	20	19.5	ug/Kg	98			78	122	
	Bromochloromethane	20	20.5	ug/Kg	103			66	133	
	Chloroform	20	19.2	ug/Kg	96			79	122	
	1,1,1-Trichloroethane	20	19	ug/Kg	95			76	126	
	Methylcyclohexane	20	19.6	ug/Kg	98			75	127	
	Benzene	20	19.8	ug/Kg	99			79	124	
	1,2-Dichloroethane	20	19.7	ug/Kg	99			78	124	
	Trichloroethene	20	19.4	ug/Kg	97			78	124	
	1,2-Dichloropropane	20	20	ug/Kg	100			76	124	
	Bromodichloromethane	20	19.3	ug/Kg	97			78	122	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			73	135	
	Toluene	20	19.9	ug/Kg	100			78	124	
	t-1,3-Dichloropropene	20	19.7	ug/Kg	99			77	123	
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104			79	120	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			78	123	
	2-Hexanone	100	98.4	ug/Kg	98			71	134	
	Dibromochloromethane	20	19.4	ug/Kg	97			77	121	
	1,2-Dibromoethane	20	20.2	ug/Kg	101			78	123	
	Tetrachloroethene	20	20.5	ug/Kg	103			67	134	
	Chlorobenzene	20	20.6	ug/Kg	103			80	121	
	Ethyl Benzene	20	20.5	ug/Kg	103			80	123	
	m/p-Xylenes	40	39.5	ug/Kg	99			79	126	
	o-Xylene	20	19.8	ug/Kg	99			80	122	
	Styrene	20	20.2	ug/Kg	101			81	121	
	Bromoform	20	19.2	ug/Kg	96			73	124	
	Isopropylbenzene	20	19.6	ug/Kg	98			79	123	
	1,1,2,2-Tetrachloroethane	20	20.5	ug/Kg	103			79	124	
	1,3-Dichlorobenzene	20	21.1	ug/Kg	106			82	120	
	1,4-Dichlorobenzene	20	20.2	ug/Kg	101			81	120	
	1,2-Dichlorobenzene	20	20.4	ug/Kg	102			82	118	
	1,2-Dibromo-3-Chloropropane	20	18.3	ug/Kg	92			72	127	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VF043872.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VF1208SBS01	1,2,4-Trichlorobenzene	20	21	ug/Kg	105			75	125	
	1,2,3-Trichlorobenzene	20	20.9	ug/Kg	104			79	123	
	1,4-Dioxane	400	400	ug/Kg	100			50	150	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VF043895.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VF1209SBS01	Dichlorodifluoromethane	20	21.5	ug/Kg	108			50	142	
	Chloromethane	20	20.6	ug/Kg	103			65	131	
	Vinyl chloride	20	21.2	ug/Kg	106			67	130	
	Bromomethane	20	18.9	ug/Kg	95			64	136	
	Chloroethane	20	13.1	ug/Kg	66		*	66	146	
	Trichlorofluoromethane	20	21.1	ug/Kg	106			72	134	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/Kg	104			73	133	
	1,1-Dichloroethene	20	20.1	ug/Kg	101			74	130	
	Acetone	100	82.2	ug/Kg	82			57	135	
	Carbon disulfide	20	19.7	ug/Kg	99			71	130	
	Methyl tert-butyl Ether	20	20.3	ug/Kg	102			76	123	
	Methyl Acetate	20	19.6	ug/Kg	98			62	146	
	Methylene Chloride	20	20.2	ug/Kg	101			73	134	
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103			76	125	
	1,1-Dichloroethane	20	21.2	ug/Kg	106			78	124	
	Cyclohexane	20	20.7	ug/Kg	104			72	130	
	2-Butanone	100	89.8	ug/Kg	90			68	132	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			76	127	
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101			78	122	
	Bromochloromethane	20	19.7	ug/Kg	99			66	133	
	Chloroform	20	20.3	ug/Kg	102			79	122	
	1,1,1-Trichloroethane	20	19.9	ug/Kg	100			76	126	
	Methylcyclohexane	20	21.3	ug/Kg	106			75	127	
	Benzene	20	20.6	ug/Kg	103			79	124	
	1,2-Dichloroethane	20	19	ug/Kg	95			78	124	
	Trichloroethene	20	20.2	ug/Kg	101			78	124	
	1,2-Dichloropropane	20	21.1	ug/Kg	106			76	124	
	Bromodichloromethane	20	21	ug/Kg	105			78	122	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			73	135	
	Toluene	20	20.9	ug/Kg	104			78	124	
	t-1,3-Dichloropropene	20	21.3	ug/Kg	106			77	123	
	cis-1,3-Dichloropropene	20	20.9	ug/Kg	104			79	120	
	1,1,2-Trichloroethane	20	20.1	ug/Kg	101			78	123	
	2-Hexanone	100	96.5	ug/Kg	97			71	134	
	Dibromochloromethane	20	19.9	ug/Kg	100			77	121	
	1,2-Dibromoethane	20	20.2	ug/Kg	101			78	123	
	Tetrachloroethene	20	22.2	ug/Kg	111			67	134	
	Chlorobenzene	20	21.5	ug/Kg	108			80	121	
	Ethyl Benzene	20	21	ug/Kg	105			80	123	
	m/p-Xylenes	40	42.2	ug/Kg	106			79	126	
	o-Xylene	20	21	ug/Kg	105			80	122	
	Styrene	20	21.3	ug/Kg	106			81	121	
	Bromoform	20	19.4	ug/Kg	97			73	124	
	Isopropylbenzene	20	21.7	ug/Kg	109			79	123	
	1,1,2,2-Tetrachloroethane	20	20.5	ug/Kg	103			79	124	
	1,3-Dichlorobenzene	20	22.5	ug/Kg	113			82	120	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			81	120	
	1,2-Dichlorobenzene	20	21.9	ug/Kg	110			82	118	
	1,2-Dibromo-3-Chloropropane	20	19	ug/Kg	95			72	127	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VF043895.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VF1209SBS01	1,2,4-Trichlorobenzene	20	22.4	ug/Kg	112			75	125	
	1,2,3-Trichlorobenzene	20	20.9	ug/Kg	104			79	123	
	1,4-Dioxane	400	420	ug/Kg	105			50	150	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VN020845.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1205WBS01	Dichlorodifluoromethane	20	21.6	ug/L	108			46	139	
	Chloromethane	20	17	ug/L	85			58	139	
	Vinyl chloride	20	18.4	ug/L	92			65	137	
	Bromomethane	20	18.7	ug/L	94			50	162	
	Chloroethane	20	17.4	ug/L	87			54	160	
	Trichlorofluoromethane	20	21.3	ug/L	106			67	143	
	1,1,2-Trichlorotrifluoroethane	20	20.5	ug/L	103			71	136	
	1,1-Dichloroethene	20	20.1	ug/L	101			69	134	
	Acetone	100	110	ug/L	110			41	181	
	Carbon disulfide	20	17.9	ug/L	90			63	138	
	Methyl tert-butyl Ether	20	20.6	ug/L	103			72	136	
	Methyl Acetate	20	15.7	ug/L	79			51	158	
	Methylene Chloride	20	17.8	ug/L	89			67	138	
	trans-1,2-Dichloroethene	20	19.9	ug/L	100			72	132	
	1,1-Dichloroethane	20	20	ug/L	100			74	135	
	Cyclohexane	20	19.6	ug/L	98			67	132	
	2-Butanone	100	110	ug/L	110			64	146	
	Carbon Tetrachloride	20	22.9	ug/L	115			71	134	
	cis-1,2-Dichloroethene	20	19.8	ug/L	99			74	130	
	Bromochloromethane	20	17.3	ug/L	86			71	136	
	Chloroform	20	20.8	ug/L	104			74	134	
	1,1,1-Trichloroethane	20	22	ug/L	110			74	133	
	Methylcyclohexane	20	19.7	ug/L	99			71	125	
	Benzene	20	20.1	ug/L	101			75	125	
	1,2-Dichloroethane	20	21.4	ug/L	107			76	130	
	Trichloroethene	20	21.6	ug/L	108			73	127	
	1,2-Dichloropropane	20	19.6	ug/L	98			76	125	
	Bromodichloromethane	20	21.5	ug/L	108			78	127	
	4-Methyl-2-Pentanone	100	110	ug/L	110			71	140	
	Toluene	20	20.7	ug/L	104			74	125	
	t-1,3-Dichloropropene	20	21	ug/L	105			74	131	
	cis-1,3-Dichloropropene	20	20.8	ug/L	104			74	128	
	1,1,2-Trichloroethane	20	21.8	ug/L	109			75	129	
	2-Hexanone	100	120	ug/L	120			62	153	
	Dibromochloromethane	20	22	ug/L	110			74	131	
	1,2-Dibromoethane	20	20.9	ug/L	104			74	129	
	Tetrachloroethene	20	20.3	ug/L	102			46	157	
	Chlorobenzene	20	20.6	ug/L	103			76	123	
	Ethyl Benzene	20	20.1	ug/L	101			75	126	
	m/p-Xylenes	40	41.9	ug/L	105			74	126	
	o-Xylene	20	20.2	ug/L	101			73	127	
	Styrene	20	21.3	ug/L	106			75	126	
	Bromoform	20	23.8	ug/L	119			66	130	
	Isopropylbenzene	20	20.2	ug/L	101			70	127	
	1,1,2,2-Tetrachloroethane	20	21.7	ug/L	109			66	131	
	1,3-Dichlorobenzene	20	19.8	ug/L	99			70	125	
	1,4-Dichlorobenzene	20	20	ug/L	100			71	124	
	1,2-Dichlorobenzene	20	21.1	ug/L	106			71	126	
	1,2-Dibromo-3-Chloropropane	20	19.4	ug/L	97			62	134	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VN020845.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN1205WBS01	1,2,4-Trichlorobenzene	20	20.8	ug/L	104			62	129	
	1,2,3-Trichlorobenzene	20	20.5	ug/L	103			58	130	
	1,4-Dioxane	400	440	ug/L	110			50	150	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VN020859.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN1205WBSD01	Dichlorodifluoromethane	20	19.1	ug/L	96	12		46	139	20
	Chloromethane	20	15.5	ug/L	78	9		58	139	20
	Vinyl chloride	20	16.8	ug/L	84	9		65	137	20
	Bromomethane	20	16.9	ug/L	85	10		50	162	20
	Chloroethane	20	14.8	ug/L	74	16		54	160	20
	Trichlorofluoromethane	20	19.7	ug/L	99	7		67	143	20
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96	7		71	136	20
	1,1-Dichloroethene	20	17.8	ug/L	89	13		69	134	20
	Acetone	100	99.4	ug/L	99	11		41	181	20
	Carbon disulfide	20	15.8	ug/L	79	13		63	138	20
	Methyl tert-butyl Ether	20	19.5	ug/L	98	5		72	136	20
	Methyl Acetate	20	15	ug/L	75	5		51	158	20
	Methylene Chloride	20	16.9	ug/L	85	5		67	138	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	8		72	132	20
	1,1-Dichloroethane	20	18.8	ug/L	94	6		74	135	20
	Cyclohexane	20	17.3	ug/L	86	13		67	132	20
	2-Butanone	100	110	ug/L	110	0		64	146	20
	Carbon Tetrachloride	20	20.1	ug/L	101	13		71	134	20
	cis-1,2-Dichloroethene	20	18.1	ug/L	91	8		74	130	20
	Bromochloromethane	20	19	ug/L	95	10		71	136	20
	Chloroform	20	19.3	ug/L	97	7		74	134	20
	1,1,1-Trichloroethane	20	19.9	ug/L	100	10		74	133	20
	Methylcyclohexane	20	17.1	ug/L	86	14		71	125	20
	Benzene	20	17.7	ug/L	89	13		75	125	20
	1,2-Dichloroethane	20	18.8	ug/L	94	13		76	130	20
	Trichloroethene	20	19.3	ug/L	97	11		73	127	20
	1,2-Dichloropropane	20	17	ug/L	85	14		76	125	20
	Bromodichloromethane	20	19.9	ug/L	100	8		78	127	20
	4-Methyl-2-Pentanone	100	100	ug/L	100	10		71	140	20
	Toluene	20	18	ug/L	90	14		74	125	20
	t-1,3-Dichloropropene	20	18.6	ug/L	93	12		74	131	20
	cis-1,3-Dichloropropene	20	18.4	ug/L	92	12		74	128	20
	1,1,2-Trichloroethane	20	19.7	ug/L	99	10		75	129	20
	2-Hexanone	100	110	ug/L	110	9		62	153	20
	Dibromochloromethane	20	20	ug/L	100	10		74	131	20
	1,2-Dibromoethane	20	18.8	ug/L	94	10		74	129	20
	Tetrachloroethene	20	17.7	ug/L	89	14		46	157	20
	Chlorobenzene	20	17.9	ug/L	90	13		76	123	20
	Ethyl Benzene	20	17.4	ug/L	87	15		75	126	20
	m/p-Xylenes	40	35.6	ug/L	89	16		74	126	20
	o-Xylene	20	17.8	ug/L	89	13		73	127	20
	Styrene	20	18.6	ug/L	93	13		75	126	20
	Bromoform	20	21.7	ug/L	109	9		66	130	20
	Isopropylbenzene	20	17.4	ug/L	87	15		70	127	20
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	12		66	131	20
	1,3-Dichlorobenzene	20	17.9	ug/L	90	10		70	125	20
	1,4-Dichlorobenzene	20	17.6	ug/L	88	13		71	124	20
	1,2-Dichlorobenzene	20	18.4	ug/L	92	14		71	126	20
	1,2-Dibromo-3-Chloropropane	20	19.6	ug/L	98	1		62	134	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C **Datafile :** VN020859.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN1205WBSD01	1,2,4-Trichlorobenzene	20	17.1	ug/L	86	19		62	129	20
	1,2,3-Trichlorobenzene	20	18	ug/L	90	13		58	130	20
	1,4-Dioxane	400	400	ug/L	100	10		50	150	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF1208SBL01

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043871.D Lab Sample ID: VF1208SBL01

Date Analyzed: 12/08/2014 Time Analyzed: 12:47

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF1208SBS01	VF1208SBS01	VF043872.D	12/08/2014
B-3(2.5-5)MS	F4956-04MS	VF043873.D	12/08/2014
B-3(2.5-5)	F4956-03	VF043874.D	12/08/2014
B-3(2.5-5)MSD	F4956-05MSD	VF043876.D	12/08/2014
B-1(5-7.5)	F4956-01	VF043886.D	12/08/2014
B-2(2.5-5)	F4956-02	VF043887.D	12/08/2014

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF1209SBL01

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043894.D Lab Sample ID: VF1209SBL01

Date Analyzed: 12/09/2014 Time Analyzed: 12:10

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF1209SBS01	VF1209SBS01	VF043895.D	12/09/2014
B-1(5-7.5)RE	F4956-01RE	VF043898.D	12/09/2014
B-4(5-7)	F4956-07	VF043914.D	12/09/2014
FD12214	F4956-08	VF043915.D	12/09/2014

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN1205WBL01

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VN020844.D Lab Sample ID: VN1205WBL01

Date Analyzed: 12/05/2014 Time Analyzed: 10:50

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1205WBS01	VN1205WBS01	VN020845.D	12/05/2014
EB12214	F4956-06	VN020850.D	12/05/2014
VN1205WBSD01	VN1205WBSD01	VN020859.D	12/05/2014

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043770.D BFB Injection Date: 12/01/2014

Instrument ID: MSVOA_F BFB Injection Time: 14:01

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.9
75	30.0 - 60.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	65.8
175	5.0 - 9.0% of mass 174	5.6 (8.5) 1
176	95.0 - 101.0% of mass 174	63.9 (97.2) 1
177	5.0 - 9.0% of mass 176	4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC010	VSTDICC010	VF043772.D	12/01/2014	15:24
VSTDICCC050	VSTDICCC050	VF043774.D	12/01/2014	16:20
VSTDICC100	VSTDICC100	VF043775.D	12/01/2014	17:15
VSTDICC150	VSTDICC150	VF043776.D	12/01/2014	18:10
VSTDICC005	VSTDICC005	VF043778.D	12/01/2014	20:00
VSTDICC075	VSTDICC075	VF043780.D	12/01/2014	20:55

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043869.D BFB Injection Date: 12/08/2014

Instrument ID: MSVOA_F BFB Injection Time: 10:34

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 60.0% of mass 95	45.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	75.1
175	5.0 - 9.0% of mass 174	5.7 (7.5) 1
176	95.0 - 101.0% of mass 174	74.6 (99.3) 1
177	5.0 - 9.0% of mass 176	5.1 (6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF043870.D	12/08/2014	11:49
VF1208SBL01	VF1208SBL01	VF043871.D	12/08/2014	12:47
VF1208SBS01	VF1208SBS01	VF043872.D	12/08/2014	13:14
B-3(2.5-5)MS	F4956-04MS	VF043873.D	12/08/2014	13:42
B-3(2.5-5)	F4956-03	VF043874.D	12/08/2014	14:37
B-3(2.5-5)MSD	F4956-05MSD	VF043876.D	12/08/2014	15:32
B-1(5-7.5)	F4956-01	VF043886.D	12/08/2014	20:07
B-2(2.5-5)	F4956-02	VF043887.D	12/08/2014	20:35

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043892.D BFB Injection Date: 12/09/2014

Instrument ID: MSVOA_F BFB Injection Time: 10:39

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21
75	30.0 - 60.0% of mass 95	46.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	75
175	5.0 - 9.0% of mass 174	5.8 (7.8) 1
176	95.0 - 101.0% of mass 174	74.1 (98.8) 1
177	5.0 - 9.0% of mass 176	4 (5.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF043893.D	12/09/2014	11:13
VF1209SBL01	VF1209SBL01	VF043894.D	12/09/2014	12:10
VF1209SBS01	VF1209SBS01	VF043895.D	12/09/2014	12:38
B-1(5-7.5)RE	F4956-01RE	VF043898.D	12/09/2014	14:00
B-4(5-7)	F4956-07	VF043914.D	12/09/2014	21:18
FD12214	F4956-08	VF043915.D	12/09/2014	21:45

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VN020421.D BFB Injection Date: 11/20/2014

Instrument ID: MSVOA_N BFB Injection Time: 10:16

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	47.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	94.8
175	5.0 - 9.0% of mass 174	6.7 (7) 1
176	95.0 - 101.0% of mass 174	91.2 (96.2) 1
177	5.0 - 9.0% of mass 176	6 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN020422.D	11/20/2014	10:57
VSTDICC005	VSTDICC005	VN020423.D	11/20/2014	11:32
VSTDICC020	VSTDICC020	VN020424.D	11/20/2014	12:03
VSTDICCC050	VSTDICCC050	VN020425.D	11/20/2014	12:33
VSTDICC100	VSTDICC100	VN020426.D	11/20/2014	13:02
VSTDICC200	VSTDICC200	VN020427.D	11/20/2014	13:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VN020842.D BFB Injection Date: 12/05/2014

Instrument ID: MSVOA_N BFB Injection Time: 08:43

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.1
75	30.0 - 60.0% of mass 95	49.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	97.1
175	5.0 - 9.0% of mass 174	7.4 (7.7) 1
176	95.0 - 101.0% of mass 174	95.5 (98.4) 1
177	5.0 - 9.0% of mass 176	6.3 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN020843.D	12/05/2014	09:52
VN1205WBL01	VN1205WBL01	VN020844.D	12/05/2014	10:50
VN1205WBS01	VN1205WBS01	VN020845.D	12/05/2014	11:22
EB12214	F4956-06	VN020850.D	12/05/2014	14:21
VN1205WBSD01	VN1205WBSD01	VN020859.D	12/05/2014	18:48

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043870.D Date Analyzed: 12/08/2014

Instrument ID: MSVOA_F Time Analyzed: 11:49

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	371022	4.79	596908	5.52	499146	9.66
UPPER LIMIT	742044	5.29	1193820	6.02	998292	10.16
LOWER LIMIT	185511	4.29	298454	5.02	249573	9.16
EPA SAMPLE NO.						
B-1(5-7.5)	109366 *	4.81	157371 *	5.53	107361 *	9.67
B-2(2.5-5)	366388	4.81	549720	5.53	440550	9.66
B-3(2.5-5)	363343	4.78	564227	5.51	429514	9.65
B-3(2.5-5)MS	289813	4.78	452019	5.51	362897	9.65
B-3(2.5-5)MSD	325537	4.79	495540	5.51	408040	9.65
VF1208SBL01	380013	4.79	584491	5.51	491679	9.65
VF1208SBS01	358357	4.78	567597	5.51	491660	9.65

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043870.D Date Analyzed: 12/08/2014

Instrument ID: MSVOA_F Time Analyzed: 11:49

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	235695	12.43				
UPPER LIMIT	471390	12.93				
LOWER LIMIT	117848	11.93				
EPA SAMPLE NO.						
B-1(5-7.5)	32733 *	12.45				
B-2(2.5-5)	150980	12.45				
B-3(2.5-5)	145376	12.44				
B-3(2.5-5)MS	142379	12.44				
B-3(2.5-5)MSD	182034	12.44				
VF1208SBL01	213454	12.44				
VF1208SBS01	214713	12.44				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043893.D Date Analyzed: 12/09/2014

Instrument ID: MSVOA_F Time Analyzed: 11:13

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	348969	4.84	530363	5.55	472587	9.70
UPPER LIMIT	697938	5.34	1060730	6.05	945174	10.2
LOWER LIMIT	174485	4.34	265182	5.05	236294	9.2
EPA SAMPLE NO.						
B-1(5-7.5)RE	130612 *	4.85	184492 *	5.56	137572 *	9.71
B-4(5-7)	328227	4.84	536581	5.56	443125	9.70
FD12214	253258	4.85	410235	5.57	320945	9.71
VF1209SBL01	331693	4.84	517638	5.56	438507	9.70
VF1209SBS01	331737	4.84	528493	5.56	448160	9.70

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VF043893.D Date Analyzed: 12/09/2014

Instrument ID: MSVOA_F Time Analyzed: 11:13

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	226544	12.46				
UPPER LIMIT	453088	12.96				
LOWER LIMIT	113272	11.96				
EPA SAMPLE NO.						
B-1(5-7.5)RE	38699 *	12.47				
B-4(5-7)	205196	12.48				
FD12214	133914	12.47				
VF1209SBL01	189222	12.46				
VF1209SBS01	194709	12.47				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VN020843.D Date Analyzed: 12/05/2014

Instrument ID: MSVOA_N Time Analyzed: 09:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	970008	7.86	1318950	8.78	1241660	11.61
UPPER LIMIT	1940020	8.36	2637900	9.28	2483330	12.11
LOWER LIMIT	485004	7.36	659475	8.28	620832	11.11
EPA SAMPLE NO.						
EB12214	749106	7.86	1051896	8.78	946755	11.61
VN1205WBL01	736189	7.86	1004494	8.78	904846	11.61
VN1205WBS01	903214	7.86	1241520	8.78	1155388	11.61
VN1205WBSD01	859737	7.86	1215521	8.78	1132503	11.61

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: VN020843.D Date Analyzed: 12/05/2014

Instrument ID: MSVOA_N Time Analyzed: 09:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	646759	13.56				
UPPER LIMIT	1293520	14.06				
LOWER LIMIT	323380	13.06				
EPA SAMPLE NO.						
EB12214	434496	13.56				
VN1205WBL01	410325	13.56				
VN1205WBS01	598103	13.56				
VN1205WBSD01	590743	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1208SBL01	SDG No.:	F4956
Lab Sample ID:	VF1208SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043871.D	1		12/08/14 12:47	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	5	U	0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	5	U	0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	5	U	1	1	5	ug/Kg
75-00-3	Chloroethane	5	U	0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	5	U	0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
67-64-1	Acetone	25	U	2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	5	U	0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	5	U	1	1	5	ug/Kg
75-09-2	Methylene Chloride	5	U	0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	5	U	0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	25	U	3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	5	U	0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	5	U	0.5	0.5	5	ug/Kg
67-66-3	Chloroform	5	U	0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5	U	0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	5	U	0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	5	U	0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	5	U	0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	25	U	2.5	2.5	25	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1208SBL01	SDG No.:	F4956
Lab Sample ID:	VF1208SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043871.D	1		12/08/14 12:47	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg
79-00-5	1,1,2-Trichloroethane	5	U	0.9	1	5	ug/Kg
591-78-6	2-Hexanone	25	U	2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	5	U	0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	5	U	0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	5	U	0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
100-42-5	Styrene	5	U	0.45	0.5	5	ug/Kg
75-25-2	Bromoform	5	U	0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	U	0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	U	0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	U	0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5	U	0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5	U	0.5	1	5	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.9		56 - 120		90%	SPK: 50
1868-53-7	Dibromofluoromethane	45.9		57 - 135		92%	SPK: 50
2037-26-5	Toluene-d8	50.4		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		33 - 141		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	380013	4.79				
540-36-3	1,4-Difluorobenzene	584491	5.51				
3114-55-4	Chlorobenzene-d5	491679	9.65				
3855-82-1	1,4-Dichlorobenzene-d4	213454	12.44				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1208SBL01	SDG No.:	F4956
Lab Sample ID:	VF1208SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043871.D	1		12/08/14 12:47	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1209SBL01	SDG No.:	F4956
Lab Sample ID:	VF1209SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043894.D	1		12/09/14 12:10	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	5	U	0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	5	U	0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	5	U	1	1	5	ug/Kg
75-00-3	Chloroethane	5	U	0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	5	U	0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
67-64-1	Acetone	25	U	2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	5	U	0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	5	U	1	1	5	ug/Kg
75-09-2	Methylene Chloride	5	U	0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	5	U	0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	25	U	3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	5	U	0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	5	U	0.5	0.5	5	ug/Kg
67-66-3	Chloroform	5	U	0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5	U	0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	5	U	0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	5	U	0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	5	U	0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	25	U	2.5	2.5	25	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1209SBL01	SDG No.:	F4956
Lab Sample ID:	VF1209SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043894.D	1		12/09/14 12:10	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg
79-00-5	1,1,2-Trichloroethane	5	U	0.9	1	5	ug/Kg
591-78-6	2-Hexanone	25	U	2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	5	U	0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	5	U	0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	5	U	0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
100-42-5	Styrene	5	U	0.45	0.5	5	ug/Kg
75-25-2	Bromoform	5	U	0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	U	0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	U	0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	U	0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5	U	0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5	U	0.5	1	5	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.4		56 - 120		95%	SPK: 50
1868-53-7	Dibromofluoromethane	50		57 - 135		100%	SPK: 50
2037-26-5	Toluene-d8	52.2		67 - 123		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		33 - 141		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	331693	4.84				
540-36-3	1,4-Difluorobenzene	517638	5.56				
3114-55-4	Chlorobenzene-d5	438507	9.7				
3855-82-1	1,4-Dichlorobenzene-d4	189222	12.46				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1209SBL01	SDG No.:	F4956
Lab Sample ID:	VF1209SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043894.D	1		12/09/14 12:10	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBL01	SDG No.:	F4956
Lab Sample ID:	VN1205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020844.D	1		12/05/14 10:50	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBL01	SDG No.:	F4956
Lab Sample ID:	VN1205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020844.D	1		12/05/14 10:50	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.3		70 - 120		105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		85 - 115		105%	SPK: 50
2037-26-5	Toluene-d8	46.8		85 - 120		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		75 - 120		84%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	736189	7.86				
540-36-3	1,4-Difluorobenzene	1004490	8.78				
3114-55-4	Chlorobenzene-d5	904846	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	410325	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBL01	SDG No.:	F4956
Lab Sample ID:	VN1205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020844.D	1		12/05/14 10:50	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1208SBS01	SDG No.:	F4956
Lab Sample ID:	VF1208SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043872.D	1		12/08/14 13:14	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	20.7		0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	18.4		0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	19.4		0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	16.3		1	1	5	ug/Kg
75-00-3	Chloroethane	12.7		0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	16.7		0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	18.8		0.5	0.5	5	ug/Kg
67-64-1	Acetone	79.7		2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	17.7		0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.2		0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	19.5		1	1	5	ug/Kg
75-09-2	Methylene Chloride	18.1		0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	18.6		0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	19.1		0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	19.1		0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	93.5		3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	18.3		0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.5		0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	20.5		0.5	0.5	5	ug/Kg
67-66-3	Chloroform	19.2		0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	19		0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	19.6		0.5	0.5	5	ug/Kg
71-43-2	Benzene	19.8		0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	19.7		0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	19.4		0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	20		0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	19.3		0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		2.5	2.5	25	ug/Kg
108-88-3	Toluene	19.9		0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.7		0.5	0.5	5	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1208SBS01	SDG No.:	F4956
Lab Sample ID:	VF1208SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043872.D	1		12/08/14 13:14	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	20.8		0.5	0.5	5	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.9	1	5	ug/Kg
591-78-6	2-Hexanone	98.4		2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	19.4		0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	20.5		0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	20.6		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	20.5		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	39.5		0.72	1	10	ug/Kg
95-47-6	o-Xylene	19.8		0.5	0.5	5	ug/Kg
100-42-5	Styrene	20.2		0.45	0.5	5	ug/Kg
75-25-2	Bromoform	19.2		0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	19.6		0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.5		0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.1		0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.2		0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.4		0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21		0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.9		0.5	1	5	ug/Kg
123-91-1	1,4-Dioxane	400		100	100	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.3		56 - 120		99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		57 - 135		97%	SPK: 50
2037-26-5	Toluene-d8	53		67 - 123		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		33 - 141		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	358357	4.78				
540-36-3	1,4-Difluorobenzene	567597	5.51				
3114-55-4	Chlorobenzene-d5	491660	9.65				
3855-82-1	1,4-Dichlorobenzene-d4	214713	12.44				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1208SBS01	SDG No.:	F4956
Lab Sample ID:	VF1208SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043872.D	1		12/08/14 13:14	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1209SBS01	SDG No.:	F4956
Lab Sample ID:	VF1209SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043895.D	1		12/09/14 12:38	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	21.5		0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	20.6		0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	21.2		0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	18.9		1	1	5	ug/Kg
75-00-3	Chloroethane	13.1		0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	21.1		0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	20.1		0.5	0.5	5	ug/Kg
67-64-1	Acetone	82.2		2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	19.7		0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.3		0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	19.6		1	1	5	ug/Kg
75-09-2	Methylene Chloride	20.2		0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.5		0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	21.2		0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	20.7		0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	89.8		3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	21.2		0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.1		0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	19.7		0.5	0.5	5	ug/Kg
67-66-3	Chloroform	20.3		0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.9		0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	21.3		0.5	0.5	5	ug/Kg
71-43-2	Benzene	20.6		0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	19		0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	20.2		0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	21.1		0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	21		0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		2.5	2.5	25	ug/Kg
108-88-3	Toluene	20.9		0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	21.3		0.5	0.5	5	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1209SBS01	SDG No.:	F4956
Lab Sample ID:	VF1209SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043895.D	1		12/09/14 12:38	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	20.9		0.5	0.5	5	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.1		0.9	1	5	ug/Kg
591-78-6	2-Hexanone	96.5		2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	19.9		0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	22.2		0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	21.5		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	21		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	42.2		0.72	1	10	ug/Kg
95-47-6	o-Xylene	21		0.5	0.5	5	ug/Kg
100-42-5	Styrene	21.3		0.45	0.5	5	ug/Kg
75-25-2	Bromoform	19.4		0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	21.7		0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.5		0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	22.5		0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.6		0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.9		0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19		0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22.4		0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.9		0.5	1	5	ug/Kg
123-91-1	1,4-Dioxane	420		100	100	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.2		56 - 120		100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		57 - 135		101%	SPK: 50
2037-26-5	Toluene-d8	54.2		67 - 123		108%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		33 - 141		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	331737	4.84				
540-36-3	1,4-Difluorobenzene	528493	5.56				
3114-55-4	Chlorobenzene-d5	448160	9.7				
3855-82-1	1,4-Dichlorobenzene-d4	194709	12.47				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VF1209SBS01	SDG No.:	F4956
Lab Sample ID:	VF1209SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043895.D	1		12/09/14 12:38	VF120914

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBS01	SDG No.:	F4956
Lab Sample ID:	VN1205WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020845.D	1		12/05/14 11:22	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	21.6		0.2	0.2	1	ug/L
74-87-3	Chloromethane	17		0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	18.4		0.2	0.2	1	ug/L
74-83-9	Bromomethane	18.7		0.2	0.2	1	ug/L
75-00-3	Chloroethane	17.4		0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	21.3		0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	20.1		0.2	0.2	1	ug/L
67-64-1	Acetone	110		0.5	1	5	ug/L
75-15-0	Carbon Disulfide	17.9		0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	20.6		0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	15.7		0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	17.8		0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	20		0.2	0.2	1	ug/L
110-82-7	Cyclohexane	19.6		0.2	0.2	1	ug/L
78-93-3	2-Butanone	110		1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	22.9		0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	17.3		0.2	0.5	1	ug/L
67-66-3	Chloroform	20.8		0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	22		0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	19.7		0.2	0.2	1	ug/L
71-43-2	Benzene	20.1		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	21.4		0.2	0.2	1	ug/L
79-01-6	Trichloroethene	21.6		0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	21.5		0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	110		1	1	5	ug/L
108-88-3	Toluene	20.7		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	21		0.2	0.2	1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBS01	SDG No.:	F4956
Lab Sample ID:	VN1205WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020845.D	1		12/05/14 11:22	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	20.8		0.2	0.2	1	ug/L
79-00-5	1,1,2-Trichloroethane	21.8		0.2	0.2	1	ug/L
591-78-6	2-Hexanone	120		1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	22		0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	20.3		0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	20.6		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	20.1		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	41.9		0.4	0.4	2	ug/L
95-47-6	o-Xylene	20.2		0.2	0.2	1	ug/L
100-42-5	Styrene	21.3		0.2	0.2	1	ug/L
75-25-2	Bromoform	23.8		0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	20.2		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.7		0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	20		0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	21.1		0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.8		0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.5		0.2	0.2	1	ug/L
123-91-1	1,4-Dioxane	440		100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.5		70 - 120		101%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		85 - 115		104%	SPK: 50
2037-26-5	Toluene-d8	46		85 - 120		92%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		75 - 120		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	903214	7.86				
540-36-3	1,4-Difluorobenzene	1241520	8.78				
3114-55-4	Chlorobenzene-d5	1155390	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	598103	13.56				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBS01	SDG No.:	F4956
Lab Sample ID:	VN1205WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020845.D	1		12/05/14 11:22	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBSD01	SDG No.:	F4956
Lab Sample ID:	VN1205WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020859.D	1		12/05/14 18:48	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.1		0.2	0.2	1	ug/L
74-87-3	Chloromethane	15.5		0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	16.8		0.2	0.2	1	ug/L
74-83-9	Bromomethane	16.9		0.2	0.2	1	ug/L
75-00-3	Chloroethane	14.8		0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	17.8		0.2	0.2	1	ug/L
67-64-1	Acetone	99.4		0.5	1	5	ug/L
75-15-0	Carbon Disulfide	15.8		0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	19.5		0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	15		0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	16.9		0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	18.8		0.2	0.2	1	ug/L
110-82-7	Cyclohexane	17.3		0.2	0.2	1	ug/L
78-93-3	2-Butanone	110		1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	20.1		0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	18.1		0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	19		0.2	0.5	1	ug/L
67-66-3	Chloroform	19.3		0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	19.9		0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	17.1		0.2	0.2	1	ug/L
71-43-2	Benzene	17.7		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.2	0.2	1	ug/L
79-01-6	Trichloroethene	19.3		0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	17		0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	19.9		0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	100		1	1	5	ug/L
108-88-3	Toluene	18		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	18.6		0.2	0.2	1	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBSD01	SDG No.:	F4956
Lab Sample ID:	VN1205WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020859.D	1		12/05/14 18:48	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	18.4		0.2	0.2	1	ug/L
79-00-5	1,1,2-Trichloroethane	19.7		0.2	0.2	1	ug/L
591-78-6	2-Hexanone	110		1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	20		0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	18.8		0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	17.7		0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	17.9		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	17.4		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	35.6		0.4	0.4	2	ug/L
95-47-6	o-Xylene	17.8		0.2	0.2	1	ug/L
100-42-5	Styrene	18.6		0.2	0.2	1	ug/L
75-25-2	Bromoform	21.7		0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	17.4		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	17.9		0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	17.6		0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	18.4		0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	18		0.2	0.2	1	ug/L
123-91-1	1,4-Dioxane	400		100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.7		70 - 120		105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		85 - 115		105%	SPK: 50
2037-26-5	Toluene-d8	45.6		85 - 120		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		75 - 120		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	859737	7.86				
540-36-3	1,4-Difluorobenzene	1215520	8.78				
3114-55-4	Chlorobenzene-d5	1132500	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	590743	13.56				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1205WBSD01	SDG No.:	F4956
Lab Sample ID:	VN1205WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN020859.D	1		12/05/14 18:48	VN120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043873.D	1		12/08/14 13:42	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	39.7		0.41	0.41	4.1	ug/Kg
74-87-3	Chloromethane	36.9		0.41	0.41	4.1	ug/Kg
75-01-4	Vinyl Chloride	40.5		0.41	0.41	4.1	ug/Kg
74-83-9	Bromomethane	28.5		0.83	0.83	4.1	ug/Kg
75-00-3	Chloroethane	20.1		0.41	0.41	4.1	ug/Kg
75-69-4	Trichlorofluoromethane	30.9		0.41	0.41	4.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	39.4		0.41	0.41	4.1	ug/Kg
75-35-4	1,1-Dichloroethene	38.8		0.41	0.41	4.1	ug/Kg
67-64-1	Acetone	260		2.1	2.1	20.7	ug/Kg
75-15-0	Carbon Disulfide	35.4		0.41	0.41	4.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	41.3		0.41	0.41	4.1	ug/Kg
79-20-9	Methyl Acetate	40.8		0.83	0.83	4.1	ug/Kg
75-09-2	Methylene Chloride	37.6		0.41	0.41	4.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	39.9		0.41	0.41	4.1	ug/Kg
75-34-3	1,1-Dichloroethane	40.1		0.41	0.41	4.1	ug/Kg
110-82-7	Cyclohexane	39.2		0.41	0.41	4.1	ug/Kg
78-93-3	2-Butanone	220		2.6	6.2	20.7	ug/Kg
56-23-5	Carbon Tetrachloride	39		0.41	0.41	4.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	40		0.41	0.41	4.1	ug/Kg
74-97-5	Bromochloromethane	39.9		0.41	0.41	4.1	ug/Kg
67-66-3	Chloroform	39.8		0.41	0.41	4.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	40.7		0.41	0.41	4.1	ug/Kg
108-87-2	Methylcyclohexane	38.2		0.41	0.41	4.1	ug/Kg
71-43-2	Benzene	41.9		0.31	0.41	4.1	ug/Kg
107-06-2	1,2-Dichloroethane	39.4		0.41	0.41	4.1	ug/Kg
79-01-6	Trichloroethene	42.8		0.41	0.41	4.1	ug/Kg
78-87-5	1,2-Dichloropropane	44.1		0.21	0.41	4.1	ug/Kg
75-27-4	Bromodichloromethane	41.6		0.41	0.41	4.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	220		2.1	2.1	20.7	ug/Kg
108-88-3	Toluene	41.3		0.41	0.41	4.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	40		0.41	0.41	4.1	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043873.D	1		12/08/14 13:42	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	40.3		0.41	0.41	4.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	41.9		0.74	0.83	4.1	ug/Kg
591-78-6	2-Hexanone	230		2.1	2.1	20.7	ug/Kg
124-48-1	Dibromochloromethane	39.5		0.41	0.41	4.1	ug/Kg
106-93-4	1,2-Dibromoethane	40.9		0.41	0.41	4.1	ug/Kg
127-18-4	Tetrachloroethene	45.4		0.41	0.41	4.1	ug/Kg
108-90-7	Chlorobenzene	42.4		0.41	0.41	4.1	ug/Kg
100-41-4	Ethyl Benzene	43.7		0.41	0.41	4.1	ug/Kg
179601-23-1	m/p-Xylenes	87.5		0.6	0.83	8.3	ug/Kg
95-47-6	o-Xylene	43.7		0.41	0.41	4.1	ug/Kg
100-42-5	Styrene	41.5		0.37	0.41	4.1	ug/Kg
75-25-2	Bromoform	41.2		0.61	1.2	4.1	ug/Kg
98-82-8	Isopropylbenzene	49.8		0.4	0.41	4.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	47.4		0.38	0.41	4.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	42.8		0.31	0.41	4.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	42.3		0.34	0.41	4.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	41.7		0.41	0.41	4.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	42.9		0.72	4.1	4.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	29.2		0.41	0.41	4.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	25.7		0.41	0.83	4.1	ug/Kg
123-91-1	1,4-Dioxane	850		82.7	82.7	82.7	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.6		56 - 120		95%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		57 - 135		90%	SPK: 50
2037-26-5	Toluene-d8	49.2		67 - 123		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.9		33 - 141		86%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	289813	4.78				
540-36-3	1,4-Difluorobenzene	452019	5.51				
3114-55-4	Chlorobenzene-d5	362897	9.65				
3855-82-1	1,4-Dichlorobenzene-d4	142379	12.44				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043873.D	1		12/08/14 13:42	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	6.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043876.D	1		12/08/14 15:32	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	45		0.46	0.46	4.6	ug/Kg
74-87-3	Chloromethane	43.7		0.46	0.46	4.6	ug/Kg
75-01-4	Vinyl Chloride	44.3		0.46	0.46	4.6	ug/Kg
74-83-9	Bromomethane	43		0.91	0.91	4.6	ug/Kg
75-00-3	Chloroethane	59.4		0.46	0.46	4.6	ug/Kg
75-69-4	Trichlorofluoromethane	56		0.46	0.46	4.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	43.9		0.46	0.46	4.6	ug/Kg
75-35-4	1,1-Dichloroethene	47.6		0.46	0.46	4.6	ug/Kg
67-64-1	Acetone	240		2.3	2.3	22.8	ug/Kg
75-15-0	Carbon Disulfide	43.3		0.46	0.46	4.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	42.3		0.46	0.46	4.6	ug/Kg
79-20-9	Methyl Acetate	36.7		0.91	0.91	4.6	ug/Kg
75-09-2	Methylene Chloride	43.4		0.46	0.46	4.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	45.5		0.46	0.46	4.6	ug/Kg
75-34-3	1,1-Dichloroethane	46.3		0.46	0.46	4.6	ug/Kg
110-82-7	Cyclohexane	44		0.46	0.46	4.6	ug/Kg
78-93-3	2-Butanone	220		2.8	6.8	22.8	ug/Kg
56-23-5	Carbon Tetrachloride	50		0.46	0.46	4.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	46.9		0.46	0.46	4.6	ug/Kg
74-97-5	Bromochloromethane	38.3		0.46	0.46	4.6	ug/Kg
67-66-3	Chloroform	49		0.46	0.46	4.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	46.1		0.46	0.46	4.6	ug/Kg
108-87-2	Methylcyclohexane	43.8		0.46	0.46	4.6	ug/Kg
71-43-2	Benzene	49.5		0.35	0.46	4.6	ug/Kg
107-06-2	1,2-Dichloroethane	43.4		0.46	0.46	4.6	ug/Kg
79-01-6	Trichloroethene	49.2		0.46	0.46	4.6	ug/Kg
78-87-5	1,2-Dichloropropane	48.8		0.24	0.46	4.6	ug/Kg
75-27-4	Bromodichloromethane	46.3		0.46	0.46	4.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	220		2.3	2.3	22.8	ug/Kg
108-88-3	Toluene	50.6		0.46	0.46	4.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	43.8		0.46	0.46	4.6	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	6.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043876.D	1		12/08/14 15:32	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	48		0.46	0.46	4.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	45.7		0.82	0.91	4.6	ug/Kg
591-78-6	2-Hexanone	230		2.3	2.3	22.8	ug/Kg
124-48-1	Dibromochloromethane	46.7		0.46	0.46	4.6	ug/Kg
106-93-4	1,2-Dibromoethane	44.6		0.46	0.46	4.6	ug/Kg
127-18-4	Tetrachloroethene	52.2		0.46	0.46	4.6	ug/Kg
108-90-7	Chlorobenzene	50.5		0.46	0.46	4.6	ug/Kg
100-41-4	Ethyl Benzene	49.7		0.46	0.46	4.6	ug/Kg
179601-23-1	m/p-Xylenes	100		0.66	0.91	9.1	ug/Kg
95-47-6	o-Xylene	51		0.46	0.46	4.6	ug/Kg
100-42-5	Styrene	51.5		0.41	0.46	4.6	ug/Kg
75-25-2	Bromoform	48		0.67	1.4	4.6	ug/Kg
98-82-8	Isopropylbenzene	50.9		0.44	0.46	4.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	47.2		0.42	0.46	4.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	48		0.34	0.46	4.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	49		0.37	0.46	4.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	48.9		0.46	0.46	4.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	42.3		0.79	4.6	4.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	41.1		0.46	0.46	4.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	37.6		0.46	0.91	4.6	ug/Kg
123-91-1	1,4-Dioxane	740		91.1	91.1	91.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.7		56 - 120		83%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		57 - 135		99%	SPK: 50
2037-26-5	Toluene-d8	54.2		67 - 123		108%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		33 - 141		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	325537	4.79				
540-36-3	1,4-Difluorobenzene	495540	5.51				
3114-55-4	Chlorobenzene-d5	408040	9.65				
3855-82-1	1,4-Dichlorobenzene-d4	182034	12.44				

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	6.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF043876.D	1		12/08/14 15:32	VF120814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_F Calibration Date(s): 12/01/2014 12/01/2014

Heated Purge: (Y/N) Y Calibration Time(s): 15:24 20:55

GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID: RRF010 = VF043772.D RRF050 = VF043774.D RRF100 = VF043775.D
RRF150 = VF043776.D RRF005 = VF043778.D RRF075 = VF043780.D

COMPOUND	RRF010	RRF050	RRF100	RRF150	RRF005	RRF075	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.536	0.428	0.455	0.431	0.607	0.450	0.485	14.8
Chloromethane	0.965	0.880	0.898	0.854	1.127	0.929	0.942	10.5
Vinyl Chloride	0.734	0.678	0.698	0.642	0.847	0.703	0.717	9.9
Bromomethane	0.292	0.260	0.256	0.227	0.347	0.277	0.276	14.8
Chloroethane	0.232	0.203	0.139	0.105	0.245	0.171	0.182	29.8
Trichlorofluoromethane	0.320	0.321	0.337	0.262	0.292	0.373	0.318	11.9
1,1,2-Trichlorotrifluoroethane	0.507	0.473	0.484	0.436	0.592	0.466	0.493	10.9
1,1-Dichloroethene	0.542	0.532	0.526	0.454	0.587	0.504	0.524	8.4
Acetone	0.226	0.266	0.249	0.238	0.249	0.265	0.249	6.2
Carbon Disulfide	1.701	1.539	1.493	1.425	1.797	1.589	1.590	8.6
Methyl tert-butyl Ether	1.124	1.069	1.065	1.027	1.199	1.042	1.087	5.8
Methyl Acetate	1.880	1.747	1.738	1.555	2.060	1.791	1.795	9.3
Methylene Chloride	0.604	0.541	0.547	0.517	0.755	0.556	0.587	14.8
trans-1,2-Dichloroethene	0.606	0.574	0.580	0.540	0.624	0.579	0.584	5
1,1-Dichloroethane	1.105	1.021	1.043	0.974	1.125	1.038	1.051	5.3
Cyclohexane	1.213	1.135	1.172	1.041	1.338	1.107	1.168	8.7
2-Butanone	0.470	0.479	0.484	0.465	0.515	0.477	0.482	3.6
Carbon Tetrachloride	0.332	0.299	0.334	0.318	0.381	0.312	0.329	8.6
cis-1,2-Dichloroethene	0.703	0.693	0.710	0.645	0.707	0.688	0.691	3.5
Bromochloromethane	0.605	0.611	0.566	0.556	0.597	0.561	0.583	4.2
Chloroform	1.065	0.992	1.056	0.964	1.154	1.012	1.040	6.5
1,1,1-Trichloroethane	0.630	0.592	0.620	0.594	0.661	0.645	0.624	4.4
Methylcyclohexane	0.624	0.582	0.620	0.541	0.733	0.595	0.616	10.5
Benzene	1.520	1.435	1.527	1.382	1.610	1.452	1.488	5.4
1,2-Dichloroethane	0.422	0.401	0.443	0.411	0.459	0.429	0.428	5
Trichloroethene	0.374	0.350	0.382	0.339	0.418	0.367	0.372	7.4
1,2-Dichloropropane	0.396	0.404	0.424	0.387	0.441	0.395	0.408	5
Bromodichloromethane	0.462	0.475	0.501	0.471	0.480	0.467	0.476	2.9
4-Methyl-2-Pentanone	0.456	0.413	0.438	0.386	0.560	0.423	0.446	13.5
Toluene	0.831	0.807	0.885	0.792	0.894	0.803	0.835	5.3
t-1,3-Dichloropropene	0.488	0.475	0.530	0.471	0.557	0.508	0.505	6.6
cis-1,3-Dichloropropene	0.592	0.610	0.620	0.584	0.627	0.604	0.606	2.7
1,1,2-Trichloroethane	0.253	0.265	0.287	0.269	0.323	0.273	0.279	8.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_F Calibration Date(s): 12/01/2014 12/01/2014

Heated Purge: (Y/N) Y Calibration Time(s): 15:24 20:55

GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID: RRF010 = VF043772.D RRF050 = VF043774.D RRF100 = VF043775.D
RRF150 = VF043776.D RRF005 = VF043778.D RRF075 = VF043780.D

COMPOUND	RRF010	RRF050	RRF100	RRF150	RRF005	RRF075	$\overline{RRF}$	% RSD
2-Hexanone	0.337	0.357	0.354	0.307	0.405	0.364	0.354	9.1
Dibromochloromethane	0.321	0.342	0.367	0.338	0.334	0.348	0.342	4.5
1,2-Dibromoethane	0.290	0.293	0.312	0.300	0.311	0.300	0.301	3
Tetrachloroethene	0.344	0.341	0.352	0.325	0.333	0.333	0.338	2.9
Chlorobenzene	1.070	0.982	1.048	0.944	1.143	1.007	1.033	6.8
Ethyl Benzene	1.945	1.845	1.848	1.675	2.004	1.794	1.852	6.2
m/p-Xylenes	0.684	0.645	0.675	0.602	0.726	0.653	0.664	6.3
o-Xylene	0.655	0.634	0.689	0.633	0.670	0.660	0.657	3.3
Styrene	1.075	1.038	1.096	0.999	1.137	1.063	1.068	4.4
Bromoform	0.217	0.235	0.260	0.249	0.249	0.248	0.243	6.2
Isopropylbenzene	4.154	3.829	3.891	3.603	4.520	3.942	3.990	7.9
1,1,2,2-Tetrachloroethane	1.070	1.003	1.008	0.989	1.208	1.013	1.049	7.9
1,3-Dichlorobenzene	1.742	1.639	1.710	1.560	1.902	1.714	1.711	6.7
1,4-Dichlorobenzene	1.781	1.587	1.671	1.605	1.949	1.715	1.718	7.8
1,2-Dichlorobenzene	1.585	1.438	1.498	1.423	1.675	1.521	1.523	6.2
1,2-Dibromo-3-Chloropropane	0.165	0.155	0.159	0.156	0.181	0.158	0.162	6.2
1,2,4-Trichlorobenzene	0.759	0.724	0.786	0.666	0.781	0.748	0.744	5.9
1,2,3-Trichlorobenzene	0.578	0.552	0.619	0.543	0.681	0.598	0.595	8.5
1,2-Dichloroethane-d4	0.523	0.534	0.552	0.491	0.602	0.518	0.537	7.1
Dibromofluoromethane	0.356	0.353	0.376	0.349	0.391	0.347	0.362	4.8
Toluene-d8	1.005	1.086	1.121	1.044	1.121	0.989	1.061	5.4
4-Bromofluorobenzene	0.430	0.443	0.427	0.407	0.473	0.414	0.432	5.4
1,4-Dioxane	2.720	2.805	2.942	2.808	3.144	2.626	2.841	6.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_N Calibration Date(s): 11/20/2014 11/20/2014

Heated Purge: (Y/N) N Calibration Time(s): 10:57 13:32

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN020422.D RRF005 = VN020423.D RRF020 = VN020424.D
RRF050 = VN020425.D RRF100 = VN020426.D RRF200 = VN020427.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.455	0.458	0.441	0.426	0.434	0.432	0.441	3
Chloromethane	0.598	0.499	0.457	0.437	0.447	0.462	0.483	12.4
Vinyl Chloride	0.511	0.497	0.442	0.439	0.448	0.456	0.466	6.6
Bromomethane	0.524	0.438	0.371	0.333	0.341	0.348	0.392	19.1
Chloroethane	0.358	0.318	0.320	0.304	0.306	0.309	0.319	6.3
Trichlorofluoromethane	0.725	0.697	0.651	0.624	0.616	0.677	0.665	6.4
1,1,2-Trichlorotrifluoroethane	0.473	0.458	0.422	0.392	0.387	0.403	0.422	8.4
1,1-Dichloroethene	0.418	0.402	0.402	0.380	0.375	0.385	0.394	4.2
Acetone	0.130	0.129	0.147	0.142	0.143	0.148	0.140	5.9
Carbon Disulfide	1.444	1.194	1.163	1.228	1.276	1.282	1.264	7.9
Methyl tert-butyl Ether	1.131	1.226	1.189	1.120	1.131	1.161	1.160	3.5
Methyl Acetate	0.894	0.965	0.960	0.960	0.968	1.008	0.959	3.8
Methylene Chloride	0.561	0.511	0.475	0.455	0.465	0.456	0.487	8.5
trans-1,2-Dichloroethene	0.505	0.445	0.451	0.417	0.422	0.410	0.442	7.9
1,1-Dichloroethane	0.777	0.797	0.765	0.720	0.712	0.690	0.744	5.6
Cyclohexane	1.442	0.897	0.736	0.717	0.697	0.689	0.863	34.1
2-Butanone	0.132	0.150	0.174	0.169	0.174	0.180	0.163	11.3
Carbon Tetrachloride	0.392	0.421	0.435	0.409	0.402	0.392	0.409	4.1
cis-1,2-Dichloroethene	0.542	0.523	0.497	0.472	0.472	0.460	0.495	6.5
Bromochloromethane	0.291	0.367	0.302	0.346	0.309	0.311	0.321	9
Chloroform	0.819	0.772	0.788	0.737	0.726	0.729	0.762	4.9
1,1,1-Trichloroethane	0.652	0.689	0.668	0.629	0.632	0.636	0.651	3.6
Methylcyclohexane	0.500	0.513	0.573	0.556	0.562	0.569	0.545	5.7
Benzene	1.285	1.318	1.349	1.281	1.260	1.211	1.284	3.7
1,2-Dichloroethane	0.427	0.450	0.442	0.400	0.387	0.389	0.416	6.6
Trichloroethene	0.348	0.359	0.365	0.346	0.339	0.334	0.349	3.3
1,2-Dichloropropane	0.361	0.323	0.346	0.312	0.306	0.297	0.324	7.6
Bromodichloromethane	0.394	0.414	0.424	0.391	0.388	0.389	0.400	3.8
4-Methyl-2-Pentanone	0.230	0.220	0.250	0.248	0.253	0.254	0.242	5.8
Toluene	0.711	0.840	0.898	0.880	0.875	0.860	0.844	8
t-1,3-Dichloropropene	0.421	0.427	0.463	0.448	0.456	0.452	0.444	3.7
cis-1,3-Dichloropropene	0.441	0.495	0.525	0.494	0.491	0.489	0.489	5.5
1,1,2-Trichloroethane	0.254	0.295	0.314	0.289	0.283	0.271	0.284	7.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_N Calibration Date(s): 11/20/2014 11/20/2014

Heated Purge: (Y/N) N Calibration Time(s): 10:57 13:32

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN020422.D RRF005 = VN020423.D RRF020 = VN020424.D
RRF050 = VN020425.D RRF100 = VN020426.D RRF200 = VN020427.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	$\overline{RRF}$	% RSD
2-Hexanone	0.122	0.152	0.173	0.173	0.179	0.178	0.163	13.7
Dibromochloromethane	0.325	0.335	0.357	0.337	0.336	0.328	0.336	3.4
1,2-Dibromoethane	0.297	0.311	0.313	0.295	0.302	0.296	0.302	2.5
Tetrachloroethene	0.405	0.383	0.393	0.375	0.379	0.372	0.385	3.2
Chlorobenzene	1.020	1.005	1.082	1.044	1.050	1.054	1.043	2.6
Ethyl Benzene	1.608	1.596	1.762	1.731	1.744	1.760	1.700	4.5
m/p-Xylenes	0.550	0.633	0.691	0.677	0.683	0.686	0.653	8.4
o-Xylene	0.608	0.589	0.658	0.651	0.661	0.657	0.637	4.8
Styrene	0.818	0.929	1.126	1.110	1.125	1.134	1.040	12.9
Bromoform	0.188	0.235	0.249	0.248	0.265	0.267	0.242	12.1
Isopropylbenzene	2.943	3.231	3.403	3.478	3.568	3.669	3.382	7.7
1,1,2,2-Tetrachloroethane	0.722	0.768	0.742	0.721	0.744	0.756	0.742	2.5
1,3-Dichlorobenzene	1.656	1.715	1.705	1.643	1.675	1.693	1.681	1.7
1,4-Dichlorobenzene	1.704	1.686	1.675	1.659	1.661	1.690	1.679	1
1,2-Dichlorobenzene	1.410	1.564	1.585	1.545	1.563	1.576	1.540	4.2
1,2-Dibromo-3-Chloropropane	0.138	0.109	0.119	0.122	0.130	0.138	0.126	8.9
1,2,4-Trichlorobenzene	0.815	0.836	0.928	0.963	1.018	1.119	0.947	12.1
1,2,3-Trichlorobenzene	0.798	0.763	0.857	0.867	0.927	1.018	0.872	10.5
1,2-Dichloroethane-d4		0.536	0.563	0.474	0.452	0.472	0.499	9.5
Dibromofluoromethane		0.305	0.338	0.282	0.266	0.268	0.292	10.3
Toluene-d8		1.219	1.425	1.259	1.205	1.219	1.265	7.2
4-Bromofluorobenzene		0.446	0.511	0.445	0.428	0.416	0.449	8.2
1,4-Dioxane	3.189	3.471	3.577	3.344	3.507	3.503	3.432	4.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_F Calibration Date/Time: 12/08/2014 11:49

Lab File ID: VF043870.D Init. Calib. Date(s): 12/01/2014 12/01/2014

Heated Purge: (Y/N) Y Init. Calib. Time(s): 15:24 20:55

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.485	0.427		-11.96	20
Chloromethane	0.942	0.840	0.1	-10.83	20
Vinyl Chloride	0.717	0.671		-6.42	20
Bromomethane	0.276	0.244		-11.59	20
Chloroethane	0.182	0.194		6.59	20
Trichlorofluoromethane	0.318	0.351		10.38	20
1,1,2-Trichlorotrifluoroethane	0.493	0.471		-4.46	20
1,1-Dichloroethene	0.524	0.514		-1.91	20
Acetone	0.249	0.264		6.02	20
Carbon Disulfide	1.590	1.515		-4.72	20
Methyl tert-butyl Ether	1.087	1.029		-5.34	20
Methyl Acetate	1.795	1.627		-9.36	20
Methylene Chloride	0.587	0.529		-9.88	20
trans-1,2-Dichloroethene	0.584	0.558		-4.45	20
1,1-Dichloroethane	1.051	1.018	0.1	-3.14	20
Cyclohexane	1.168	1.121		-4.02	20
2-Butanone	0.482	0.477		-1.04	20
Carbon Tetrachloride	0.329	0.345		4.86	20
cis-1,2-Dichloroethene	0.691	0.691		0	20
Bromochloromethane	0.583	0.535		-8.23	20
Chloroform	1.040	1.051		1.06	20
1,1,1-Trichloroethane	0.624	0.627		0.48	20
Methylcyclohexane	0.616	0.618		0.32	20
Benzene	1.488	1.447		-2.76	20
1,2-Dichloroethane	0.428	0.414		-3.27	20
Trichloroethene	0.372	0.370		-0.54	20
1,2-Dichloropropane	0.408	0.403		-1.23	20
Bromodichloromethane	0.476	0.467		-1.89	20
4-Methyl-2-Pentanone	0.446	0.426		-4.48	20
Toluene	0.835	0.819		-1.92	20
t-1,3-Dichloropropene	0.505	0.507		0.4	20
cis-1,3-Dichloropropene	0.606	0.610		0.66	20
1,1,2-Trichloroethane	0.279	0.270		-3.23	20
2-Hexanone	0.354	0.349		-1.41	20
Dibromochloromethane	0.342	0.340		-0.58	20
1,2-Dibromoethane	0.301	0.290		-3.65	20
Tetrachloroethene	0.338	0.356		5.32	20
Chlorobenzene	1.033	1.097	0.3	6.2	20
Ethyl Benzene	1.852	1.940		4.75	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_F Calibration Date/Time: 12/08/2014 11:49

Lab File ID: VF043870.D Init. Calib. Date(s): 12/01/2014 12/01/2014

Heated Purge: (Y/N) Y Init. Calib. Time(s): 15:24 20:55

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.664	0.698		5.12	20
o-Xylene	0.657	0.683		3.96	20
Styrene	1.068	1.130		5.8	20
Bromoform	0.243	0.251	0.1	3.29	20
Isopropylbenzene	3.990	4.028		0.95	20
1,1,2,2-Tetrachloroethane	1.049	0.970	0.3	-7.53	20
1,3-Dichlorobenzene	1.711	1.733		1.29	20
1,4-Dichlorobenzene	1.718	1.724		0.41	20
1,2-Dichlorobenzene	1.523	1.526		0.2	20
1,2-Dibromo-3-Chloropropane	0.162	0.151		-6.79	20
1,2,4-Trichlorobenzene	0.744	0.836		12.37	20
1,2,3-Trichlorobenzene	0.595	0.668		12.27	20
1,2-Dichloroethane-d4	0.537	0.481		-10.43	20
Dibromofluoromethane	0.362	0.348		-3.87	20
Toluene-d8	1.061	1.109		4.52	20
4-Bromofluorobenzene	0.432	0.436		0.93	20
1,4-Dioxane	2.841	2.611	0.05	-8.1	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_F Calibration Date/Time: 12/09/2014 11:13

Lab File ID: VF043893.D Init. Calib. Date(s): 12/01/2014 12/01/2014

Heated Purge: (Y/N) Y Init. Calib. Time(s): 15:24 20:55

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.485	0.440		-9.28	20
Chloromethane	0.942	0.860	0.1	-8.7	20
Vinyl Chloride	0.717	0.689		-3.9	20
Bromomethane	0.276	0.242		-12.32	20
Chloroethane	0.182	0.198		8.79	20
Trichlorofluoromethane	0.318	0.372		16.98	20
1,1,2-Trichlorotrifluoroethane	0.493	0.505		2.43	20
1,1-Dichloroethene	0.524	0.537		2.48	20
Acetone	0.249	0.295		18.47	20
Carbon Disulfide	1.590	1.557		-2.08	20
Methyl tert-butyl Ether	1.087	1.129		3.86	20
Methyl Acetate	1.795	1.737		-3.23	20
Methylene Chloride	0.587	0.565		-3.75	20
trans-1,2-Dichloroethene	0.584	0.591		1.2	20
1,1-Dichloroethane	1.051	1.074	0.1	2.19	20
Cyclohexane	1.168	1.166		-0.17	20
2-Butanone	0.482	0.537		11.41	20
Carbon Tetrachloride	0.329	0.331		0.61	20
cis-1,2-Dichloroethene	0.691	0.728		5.36	20
Bromochloromethane	0.583	0.541		-7.2	20
Chloroform	1.040	1.086		4.42	20
1,1,1-Trichloroethane	0.624	0.632		1.28	20
Methylcyclohexane	0.616	0.646		4.87	20
Benzene	1.488	1.634		9.81	20
1,2-Dichloroethane	0.428	0.457		6.78	20
Trichloroethene	0.372	0.394		5.91	20
1,2-Dichloropropane	0.408	0.465		13.97	20
Bromodichloromethane	0.476	0.524		10.08	20
4-Methyl-2-Pentanone	0.446	0.498		11.66	20
Toluene	0.835	0.975		16.77	20
t-1,3-Dichloropropene	0.505	0.568		12.48	20
cis-1,3-Dichloropropene	0.606	0.691		14.03	20
1,1,2-Trichloroethane	0.279	0.311		11.47	20
2-Hexanone	0.354	0.431		21.75	20
Dibromochloromethane	0.342	0.381		11.4	20
1,2-Dibromoethane	0.301	0.347		15.28	20
Tetrachloroethene	0.338	0.371		9.76	20
Chlorobenzene	1.033	1.109	0.3	7.36	20
Ethyl Benzene	1.852	1.988		7.34	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_F Calibration Date/Time: 12/09/2014 11:13

Lab File ID: VF043893.D Init. Calib. Date(s): 12/01/2014 12/01/2014

Heated Purge: (Y/N) Y Init. Calib. Time(s): 15:24 20:55

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.664	0.727		9.49	20
o-Xylene	0.657	0.718		9.28	20
Styrene	1.068	1.223		14.51	20
Bromoform	0.243	0.274	0.1	12.76	20
Isopropylbenzene	3.990	4.091		2.53	20
1,1,2,2-Tetrachloroethane	1.049	1.058	0.3	0.86	20
1,3-Dichlorobenzene	1.711	1.789		4.56	20
1,4-Dichlorobenzene	1.718	1.803		4.95	20
1,2-Dichlorobenzene	1.523	1.654		8.6	20
1,2-Dibromo-3-Chloropropane	0.162	0.160		-1.24	20
1,2,4-Trichlorobenzene	0.744	0.842		13.17	20
1,2,3-Trichlorobenzene	0.595	0.686		15.29	20
1,2-Dichloroethane-d4	0.537	0.470		-12.48	20
Dibromofluoromethane	0.362	0.367		1.38	20
Toluene-d8	1.061	1.176		10.84	20
4-Bromofluorobenzene	0.432	0.448		3.7	20
1,4-Dioxane	2.841	3.447	0.05	21.33	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_N Calibration Date/Time: 12/05/2014 09:52

Lab File ID: VN020843.D Init. Calib. Date(s): 11/20/2014 11/20/2014

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:57 13:32

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.441	0.466		5.67	20
Chloromethane	0.483	0.388	0.1	-19.67	20
Vinyl Chloride	0.466	0.410		-12.02	20
Bromomethane	0.392	0.307		-21.68	20
Chloroethane	0.319	0.257		-19.44	20
Trichlorofluoromethane	0.665	0.672		1.05	20
1,1,2-Trichlorotrifluoroethane	0.422	0.427		1.18	20
1,1-Dichloroethene	0.394	0.391		-0.76	20
Acetone	0.140	0.165		17.86	20
Carbon Disulfide	1.264	1.148		-9.18	20
Methyl tert-butyl Ether	1.160	1.195		3.02	20
Methyl Acetate	0.959	0.778		-18.87	20
Methylene Chloride	0.487	0.430		-11.7	20
trans-1,2-Dichloroethene	0.442	0.428		-3.17	20
1,1-Dichloroethane	0.744	0.732	0.1	-1.61	20
Cyclohexane	0.863	0.680		-21.2	20
2-Butanone	0.163	0.190		16.56	20
Carbon Tetrachloride	0.409	0.464		13.45	20
cis-1,2-Dichloroethene	0.495	0.491		-0.81	20
Bromochloromethane	0.321	0.330		2.8	20
Chloroform	0.762	0.778		2.1	20
1,1,1-Trichloroethane	0.651	0.685		5.22	20
Methylcyclohexane	0.545	0.557		2.2	20
Benzene	1.284	1.275		-0.7	20
1,2-Dichloroethane	0.416	0.442		6.25	20
Trichloroethene	0.349	0.367		5.16	20
1,2-Dichloropropane	0.324	0.310		-4.32	20
Bromodichloromethane	0.400	0.440		10	20
4-Methyl-2-Pentanone	0.242	0.267		10.33	20
Toluene	0.844	0.860		1.9	20
t-1,3-Dichloropropene	0.444	0.473		6.53	20
cis-1,3-Dichloropropene	0.489	0.516		5.52	20
1,1,2-Trichloroethane	0.284	0.305		7.39	20
2-Hexanone	0.163	0.200		22.7	20
Dibromochloromethane	0.336	0.378		12.5	20
1,2-Dibromoethane	0.302	0.315		4.3	20
Tetrachloroethene	0.385	0.382		-0.78	20
Chlorobenzene	1.043	1.051	0.3	0.86	20
Ethyl Benzene	1.700	1.724		1.41	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: MSVOA_N Calibration Date/Time: 12/05/2014 09:52

Lab File ID: VN020843.D Init. Calib. Date(s): 11/20/2014 11/20/2014

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:57 13:32

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.653	0.677		3.67	20
o-Xylene	0.637	0.660		3.61	20
Styrene	1.040	1.134		9.04	20
Bromoform	0.242	0.299	0.1	23.55	20
Isopropylbenzene	3.382	3.405		0.68	20
1,1,2,2-Tetrachloroethane	0.742	0.765	0.3	3.1	20
1,3-Dichlorobenzene	1.681	1.692		0.65	20
1,4-Dichlorobenzene	1.679	1.685		0.36	20
1,2-Dichlorobenzene	1.540	1.584		2.86	20
1,2-Dibromo-3-Chloropropane	0.126	0.133		5.56	20
1,2,4-Trichlorobenzene	0.947	1.012		6.86	20
1,2,3-Trichlorobenzene	0.872	0.939		7.68	20
1,2-Dichloroethane-d4	0.499	0.472		-5.41	20
Dibromofluoromethane	0.292	0.306		4.8	20
Toluene-d8	1.265	1.139		-9.96	20
4-Bromofluorobenzene	0.449	0.433		-3.56	20
1,4-Dioxane	3.432	3.925	0.05	14.36	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	F4956	**OrderDate:**	12/4/2014 9:13:00 AM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	G42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F4956-01	**B-1(5-7.5)**	**SOIL**			**12/02/14**			**12/03/14**
			SVOC-TCL BNA -20	8270D		12/04/14	12/06/14	
F4956-02	**B-2(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			SVOC-TCL BNA -20	8270D		12/04/14	12/06/14	
F4956-03	**B-3(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			SVOC-TCL BNA -20	8270D		12/04/14	12/05/14	
F4956-06	**EB12214**	**Water**			**12/02/14**			**12/03/14**
			SVOC-TCL BNA -20	8270D		12/04/14	12/05/14	
F4956-07	**B-4(5-7)**	**SOIL**			**12/02/14**			**12/03/14**
			SVOC-TCL BNA -20	8270D		12/04/14	12/05/14	
F4956-08	**FD12214**	**SOIL**			**12/02/14**			**12/03/14**
			SVOC-TCL BNA -20	8270D		12/04/14	12/06/14	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID : B-1(5-7.5)										
F4956-01	B-1(5-7.5)	SOIL	Phenol		84.300	J	9.4	40.7	400	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Dimethylphthalate		220.000	J	11	40.7	400	ug/Kg
			Total Svoc :			**304.30**				
F4956-01	B-1(5-7.5)	SOIL	1,2,5,6-Tetrathiocane	*	120.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	1,2:3,4-Dibenzopyrene	*	330.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	1,400.000	AB	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	9-Octadecenamide, (Z)-	*	180.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Benzophenone	*	98.200	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Bromoacetic acid, octadecyl ester	*	470.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Cyclic octaatomic sulfur	*	120.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Propane, 2,2-dimethoxy-	*	14,100.000	JB	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Tetradecane	*	91.600	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Tetradecanoic acid	*	150.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	unknown15.26	*	150.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	unknown15.63	*	120.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	unknown7.04	*	3,600.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Hexadecanoic acid, butyl ester	*	130.000	J	0		0	ug/Kg
F4956-01	B-1(5-7.5)	SOIL	Indeno[1,2,3-fg]naphthacene	*	120.000	J	0		0	ug/Kg
			Total Tics :			**21,179.80**				
			Total Concentration:			**21,484.10**				
Client ID : B-2(2.5-5)										
F4956-02	B-2(2.5-5)	SOIL	Dimethylphthalate		200.000	J	10.2	37.6	370	ug/Kg
			Total Svoc :			**200.00**				
F4956-02	B-2(2.5-5)	SOIL	10-Heneicosene (c,t)	*	600.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	1,200.000	AB	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	9-Octadecenamide, (Z)-	*	650.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	9-Tricosene, (Z)-	*	110.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	Butane, 2-methoxy-2-methyl-	*	370.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	Hentriacontane	*	110.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	Hexadecanoic acid, 1,1-dimethyletl	*	170.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	Propane, 2,2-dimethoxy-	*	14,000.000	JB	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	Tetradecanoic acid	*	120.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	unknown15.63	*	130.000	J	0		0	ug/Kg
F4956-02	B-2(2.5-5)	SOIL	unknown7.05	*	3,300.000	J	0		0	ug/Kg
			Total Tics :			**20,760.00**				
			Total Concentration:			**20,960.00**				
Client ID : B-3(2.5-5)										
F4956-03	B-3(2.5-5)	SOIL	Dimethylphthalate		190.000	J	10.4	38.5	380	ug/Kg
			Total Svoc :			**190.00**				

Hit Summary Sheet
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
F4956-03	B-3(2.5-5)	SOIL	Phenol, 4,4-(1-methylethylidene)b	*	410.000	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Propane, 2,2-dimethoxy-	*	10,500.000	JB	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Undecanoic acid	*	94.200	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	unknown7.10	*	2,900.000	JB	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	2- Chloropropionic acid, pentadecy	*	470.000	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	2H-Cyclopentacyclooctene, 4,5,6,7	*	260.000	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	1,100.000	AB	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	9-Octadecenamide, (Z)-	*	370.000	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Benzophenone	*	85.400	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Butane, 2-methoxy-2-methyl-	*	290.000	J	0		0	ug/Kg
F4956-03	B-3(2.5-5)	SOIL	Cyclic octaatomic sulfur	*	290.000	J	0		0	ug/Kg
			Total Tics :		**16,769.60**					
			Total Concentration:		**16,959.60**					
Client ID :	**EB12214**									
F4956-06	EB12214	WATER	Benzaldehyde		9.700	JQ	0.78	1	10.1	ug/L
F4956-06	EB12214	WATER	Acetophenone		2.400	J	0.14	1	10.1	ug/L
			Total Svoc :		**12.10**					
F4956-06	EB12214	WATER	2-Propen-1-ol, 3-phenyl-	*	12.600	J	0		0	ug/L
F4956-06	EB12214	WATER	Butane, 2-methoxy-2-methyl-	*	50.100	J	0		0	ug/L
F4956-06	EB12214	WATER	Cyclopentane, 1,1-ethylidenebis-	*	3.100	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown10.07	*	8.000	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown10.49	*	110.000	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown10.53	*	6.600	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown10.85	*	51.200	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown11.19	*	54.200	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown11.25	*	47.000	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown11.80	*	5.400	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown11.88	*	64.300	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown12.13	*	3.700	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown13.47	*	6.000	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown13.68	*	2.800	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown5.09	*	9.700	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown7.04	*	75.600	JB	0		0	ug/L
F4956-06	EB12214	WATER	unknown9.13	*	7.500	J	0		0	ug/L
F4956-06	EB12214	WATER	unknown9.50	*	13.600	J	0		0	ug/L
			Total Tics :		**531.40**					
			Total Concentration:		**543.50**					
Client ID :	**B-4(5-7)**									
F4956-07	B-4(5-7)	SOIL	2-Methylnaphthalene		1,300.000		9.2	36.6	360	ug/Kg
F4956-07	B-4(5-7)	SOIL	1,1-Biphenyl		170.000	J	13.8	36.6	360	ug/Kg
F4956-07	B-4(5-7)	SOIL	Dimethylphthalate		81.900	J	9.9	36.6	360	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
F4956-07	B-4(5-7)	SOIL	Acenaphthene		270.000	J	10.3	36.6	360	ug/Kg
F4956-07	B-4(5-7)	SOIL	Fluorene		490.000		13.8	36.6	360	ug/Kg
F4956-07	B-4(5-7)	SOIL	Phenanthrene		1,200.000		9.9	36.6	360	ug/Kg
F4956-07	B-4(5-7)	SOIL	Anthracene		120.000	J	7.5	36.6	360	ug/Kg
F4956-07	B-4(5-7)	SOIL	Pyrene		84.100	J	8.8	36.6	360	ug/Kg
			Total Svoc :		**3,716.00**					
F4956-07	B-4(5-7)	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	1,000.000	AB	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	3,3-Dimethylbiphenyl	*	1,400.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Heptacosane	*	2,000.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Heptylcyclohexane	*	1,200.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1,4,5-trimethyl-	*	1,700.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1,4,6-trimethyl-	*	1,200.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1,5-dimethyl-	*	1,700.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1,6,7-trimethyl-	*	1,000.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1,6-dimethyl-	*	2,200.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 1-methyl-7-(1-methyl	*	1,000.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 2,3,6-trimethyl-	*	1,700.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Naphthalene, 2,7-dimethyl-	*	2,000.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Pentadecane, 2,6,10,14-tetramethyl	*	2,800.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	Tridecane, 2-methyl-	*	2,000.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	unknown1.42	*	12,100.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	unknown12.46	*	1,100.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	unknown12.55	*	830.000	J	0		0	ug/Kg
F4956-07	B-4(5-7)	SOIL	unknown7.04	*	3,100.000	J	0		0	ug/Kg
			Total Tics :		**40,030.00**					
			Total Concentration:		**43,746.00**					
Client ID :	**FD12214**									
F4956-08	FD12214	SOIL	2-Methylnaphthalene		2,100.000		9.3	36.9	370	ug/Kg
F4956-08	FD12214	SOIL	1,1-Biphenyl		450.000		14	36.9	370	ug/Kg
F4956-08	FD12214	SOIL	Acenaphthene		410.000		10.4	36.9	370	ug/Kg
F4956-08	FD12214	SOIL	Fluorene		740.000		14	36.9	370	ug/Kg
F4956-08	FD12214	SOIL	Phenanthrene		1,700.000		10	36.9	370	ug/Kg
F4956-08	FD12214	SOIL	Pyrene		120.000	J	8.9	36.9	370	ug/Kg
			Total Svoc :		**5,520.00**					
F4956-08	FD12214	SOIL	4,4-Dimethylbiphenyl	*	1,700.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Benzene, 1-methyl-4-propyl-	*	1,200.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Heptylcyclohexane	*	1,600.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Hexadecane, 2,6,10,14-tetramethyl	*	1,500.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 1,5-dimethyl-	*	3,000.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 1,6,7-trimethyl-	*	2,300.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 1,6-dimethyl-	*	3,100.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 1-methyl-	*	1,400.000	J	0		0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
F4956-08	FD12214	SOIL	Naphthalene, 2-(1-methylethyl)-	*	1,600.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Naphthalene, 2,3,6-trimethyl-	*	2,400.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Nonane, 3-methyl-	*	1,300.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Pentadecane, 2,6,10,14-tetramethyl	*	2,600.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Pentadecane, 2,6,10-trimethyl-	*	2,900.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Pentadecane, 7-methyl-	*	2,600.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	Propane, 2,2-dimethoxy-	*	5,900.000	JB	0		0	ug/Kg
F4956-08	FD12214	SOIL	unknown7.04	*	1,800.000	J	0		0	ug/Kg
F4956-08	FD12214	SOIL	unknown9.69	*	1,300.000	J	0		0	ug/Kg
			Total Tics :		**38,200.00**					
			Total Concentration:		**43,720.00**					

SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076083.D	1	12/04/14 08:00	12/06/14 17:36	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	400	UQ	21.3	40.7	400	ug/Kg
108-95-2	Phenol	84.3	J	9.4	40.7	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	400	U	19.5	40.7	400	ug/Kg
95-57-8	2-Chlorophenol	400	U	21.5	40.7	400	ug/Kg
95-48-7	2-Methylphenol	400	U	22.1	40.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	400	U	16.9	40.7	400	ug/Kg
98-86-2	Acetophenone	400	U	12.5	40.7	400	ug/Kg
65794-96-9	3+4-Methylphenols	400	U	21.1	40.7	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	400	U	20.5	40.7	400	ug/Kg
67-72-1	Hexachloroethane	400	U	18.2	40.7	400	ug/Kg
98-95-3	Nitrobenzene	400	U	15.4	40.7	400	ug/Kg
78-59-1	Isophorone	400	U	13.4	40.7	400	ug/Kg
88-75-5	2-Nitrophenol	400	U	19.7	40.7	400	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	23.1	40.7	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	400	U	23.5	40.7	400	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	15.5	40.7	400	ug/Kg
91-20-3	Naphthalene	400	U	14.1	40.7	400	ug/Kg
106-47-8	4-Chloroaniline	400	U	28.7	40.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	14.8	40.7	400	ug/Kg
105-60-2	Caprolactam	400	U	18.9	81.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	400	U	18.1	40.7	400	ug/Kg
91-57-6	2-Methylnaphthalene	400	U	10.3	40.7	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	9.9	40.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	12.5	40.7	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	28.6	40.7	400	ug/Kg
92-52-4	1,1-Biphenyl	400	U	15.4	40.7	400	ug/Kg
91-58-7	2-Chloronaphthalene	400	U	9.3	40.7	400	ug/Kg
88-74-4	2-Nitroaniline	400	U	18.1	40.7	400	ug/Kg
131-11-3	Dimethylphthalate	220	J	11	40.7	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10.3	40.7	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	400	U	16.6	40.7	400	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076083.D	1	12/04/14 08:00	12/06/14 17:36	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	400	U	26.1	81.5	400	ug/Kg
83-32-9	Acenaphthene	400	U	11.5	40.7	400	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	41.4	330	400	ug/Kg
100-02-7	4-Nitrophenol	400	U	75.6	200	400	ug/Kg
132-64-9	Dibenzofuran	400	U	15.9	40.7	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	400	U	12.2	40.7	400	ug/Kg
84-66-2	Diethylphthalate	400	U	6.4	40.7	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400	U	22.1	40.7	400	ug/Kg
86-73-7	Fluorene	400	U	15.4	40.7	400	ug/Kg
100-01-6	4-Nitroaniline	400	U	53	81.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	23.3	200	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	400	U	9.8	40.7	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	400	U	7.9	40.7	400	ug/Kg
118-74-1	Hexachlorobenzene	400	U	16.6	40.7	400	ug/Kg
1912-24-9	Atrazine	400	U	21.5	40.7	400	ug/Kg
87-86-5	Pentachlorophenol	400	U	27.9	40.7	400	ug/Kg
85-01-8	Phenanthrene	400	U	11	40.7	400	ug/Kg
120-12-7	Anthracene	400	U	8.3	40.7	400	ug/Kg
86-74-8	Carbazole	400	U	8.9	40.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	400	U	32	40.7	400	ug/Kg
206-44-0	Fluoranthene	400	U	8.2	40.7	400	ug/Kg
129-00-0	Pyrene	400	U	9.8	40.7	400	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	19.5	40.7	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	26.1	40.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	400	U	19.4	40.7	400	ug/Kg
218-01-9	Chrysene	400	U	18.4	40.7	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	14.4	40.7	400	ug/Kg
117-84-0	Di-n-octyl phthalate	400	UQ	4.6	40.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	U	13.3	40.7	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	400	U	19.2	40.7	400	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	8.8	40.7	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	13.6	40.7	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	400	U	11.7	40.7	400	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076083.D	1	12/04/14 08:00	12/06/14 17:36	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	400	U	16.5	40.7	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	16	40.7	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	16	40.7	400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		81%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		89%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.5		31 - 132		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.8		39 - 123		63%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		73%	SPK: 150
1718-51-0	Terphenyl-d14	51.7		37 - 115		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71595	7.34				
1146-65-2	Naphthalene-d8	299769	8.92				
15067-26-2	Acenaphthene-d10	163475	11.09				
1517-22-2	Phenanthrene-d10	272021	12.93				
1719-03-5	Chrysene-d12	256349	16.21				
1520-96-3	Perylene-d12	242251	17.89				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	14100	JB			1.42	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1400	AB			5.1	ug/Kg
	unknown7.04	3600	J			7.04	ug/Kg
001940-01-8	1,2,5,6-Tetrathiocane	120	J			11.5	ug/Kg
000119-61-9	Benzophenone	98.2	J			11.99	ug/Kg
000544-63-8	Tetradecanoic acid	150	J			13.65	ug/Kg
010544-50-0	Cyclic octaatomic sulfur	120	J			14.51	ug/Kg
000111-06-8	Hexadecanoic acid, butyl ester	130	J			14.75	ug/Kg
	unknown15.26	150	J			15.26	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	180	J			15.56	ug/Kg
	unknown15.63	120	J			15.63	ug/Kg
000191-30-0	1,2:3,4-Dibenzopyrene	330	J			15.85	ug/Kg
018992-03-5	Bromoacetic acid, octadecyl ester	470	J			16.08	ug/Kg
000629-59-4	Tetradecane	91.6	J			16.88	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076083.D	1	12/04/14 08:00	12/06/14 17:36	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000203-11-2	Indeno[1,2,3-fg]naphthacene	120	J			17.33	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	11.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076084.D	1	12/04/14 08:00	12/06/14 18:04	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	370	UQ	19.6	37.6	370	ug/Kg
108-95-2	Phenol	370	U	8.7	37.6	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	370	U	18.1	37.6	370	ug/Kg
95-57-8	2-Chlorophenol	370	U	19.9	37.6	370	ug/Kg
95-48-7	2-Methylphenol	370	U	20.4	37.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	15.6	37.6	370	ug/Kg
98-86-2	Acetophenone	370	U	11.5	37.6	370	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	19.5	37.6	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	370	U	19	37.6	370	ug/Kg
67-72-1	Hexachloroethane	370	U	16.8	37.6	370	ug/Kg
98-95-3	Nitrobenzene	370	U	14.2	37.6	370	ug/Kg
78-59-1	Isophorone	370	U	12.4	37.6	370	ug/Kg
88-75-5	2-Nitrophenol	370	U	18.2	37.6	370	ug/Kg
105-67-9	2,4-Dimethylphenol	370	U	21.3	37.6	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	370	U	21.7	37.6	370	ug/Kg
120-83-2	2,4-Dichlorophenol	370	U	14.3	37.6	370	ug/Kg
91-20-3	Naphthalene	370	U	13	37.6	370	ug/Kg
106-47-8	4-Chloroaniline	370	U	26.5	37.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	370	U	13.7	37.6	370	ug/Kg
105-60-2	Caprolactam	370	U	17.5	75.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	370	U	16.7	37.6	370	ug/Kg
91-57-6	2-Methylnaphthalene	370	U	9.5	37.6	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	9.1	37.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	370	U	11.5	37.6	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	370	U	26.4	37.6	370	ug/Kg
92-52-4	1,1-Biphenyl	370	U	14.2	37.6	370	ug/Kg
91-58-7	2-Chloronaphthalene	370	U	8.6	37.6	370	ug/Kg
88-74-4	2-Nitroaniline	370	U	16.7	37.6	370	ug/Kg
131-11-3	Dimethylphthalate	200	J	10.2	37.6	370	ug/Kg
208-96-8	Acenaphthylene	370	U	9.5	37.6	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	370	U	15.4	37.6	370	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	11.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076084.D	1	12/04/14 08:00	12/06/14 18:04	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	370	U	24.2	75.3	370	ug/Kg
83-32-9	Acenaphthene	370	U	10.6	37.6	370	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	38.3	300	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	69.9	190	370	ug/Kg
132-64-9	Dibenzofuran	370	U	14.7	37.6	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	370	U	11.3	37.6	370	ug/Kg
84-66-2	Diethylphthalate	370	U	5.9	37.6	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	370	U	20.4	37.6	370	ug/Kg
86-73-7	Fluorene	370	U	14.2	37.6	370	ug/Kg
100-01-6	4-Nitroaniline	370	U	49	75.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	21.6	190	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	370	U	9	37.6	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	370	U	7.3	37.6	370	ug/Kg
118-74-1	Hexachlorobenzene	370	U	15.4	37.6	370	ug/Kg
1912-24-9	Atrazine	370	U	19.9	37.6	370	ug/Kg
87-86-5	Pentachlorophenol	370	U	25.7	37.6	370	ug/Kg
85-01-8	Phenanthrene	370	U	10.2	37.6	370	ug/Kg
120-12-7	Anthracene	370	U	7.7	37.6	370	ug/Kg
86-74-8	Carbazole	370	U	8.2	37.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	370	U	29.6	37.6	370	ug/Kg
206-44-0	Fluoranthene	370	U	7.6	37.6	370	ug/Kg
129-00-0	Pyrene	370	U	9	37.6	370	ug/Kg
85-68-7	Butylbenzylphthalate	370	U	18.1	37.6	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	24.2	37.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	370	U	17.9	37.6	370	ug/Kg
218-01-9	Chrysene	370	U	17	37.6	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	13.3	37.6	370	ug/Kg
117-84-0	Di-n-octyl phthalate	370	UQ	4.3	37.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	U	12.3	37.6	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	370	U	17.7	37.6	370	ug/Kg
50-32-8	Benzo(a)pyrene	370	U	8.1	37.6	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	12.5	37.6	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370	U	10.8	37.6	370	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	11.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076084.D	1	12/04/14 08:00	12/06/14 18:04	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	370	U	15.2	37.6	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	14.8	37.6	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	14.8	37.6	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		77%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		83%	SPK: 150
4165-60-0	Nitrobenzene-d5	77		31 - 132		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.4		39 - 123		70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		70%	SPK: 150
1718-51-0	Terphenyl-d14	59.1		37 - 115		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77841	7.34				
1146-65-2	Naphthalene-d8	321070	8.92				
15067-26-2	Acenaphthene-d10	175513	11.09				
1517-22-2	Phenanthrene-d10	274443	12.93				
1719-03-5	Chrysene-d12	238382	16.21				
1520-96-3	Perylene-d12	220157	17.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	14000	JB			1.42	ug/Kg
000994-05-8	Butane, 2-methoxy-2-methyl-	370	J			1.73	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1200	AB			5.1	ug/Kg
	unknown7.05	3300	J			7.05	ug/Kg
000544-63-8	Tetradecanoic acid	120	J			13.65	ug/Kg
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	170	J			14.75	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	650	J			15.56	ug/Kg
	unknown15.63	130	J			15.63	ug/Kg
095008-11-0	10-Heneicosene (c,t)	600	J			16.08	ug/Kg
000630-04-6	Hentriacontane	110	J			16.49	ug/Kg
027519-02-4	9-Tricosene, (Z)-	110	J			18.47	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	11.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076084.D	1	12/04/14 08:00	12/06/14 18:04	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076025.D	1	12/04/14 08:00	12/05/14 06:37	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	380	UQ	20.1	38.5	380	ug/Kg
108-95-2	Phenol	380	U	8.9	38.5	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	380	U	18.5	38.5	380	ug/Kg
95-57-8	2-Chlorophenol	380	U	20.3	38.5	380	ug/Kg
95-48-7	2-Methylphenol	380	U	20.9	38.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	380	U	15.9	38.5	380	ug/Kg
98-86-2	Acetophenone	380	U	11.8	38.5	380	ug/Kg
65794-96-9	3+4-Methylphenols	380	U	20	38.5	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	380	U	19.4	38.5	380	ug/Kg
67-72-1	Hexachloroethane	380	U	17.2	38.5	380	ug/Kg
98-95-3	Nitrobenzene	380	U	14.5	38.5	380	ug/Kg
78-59-1	Isophorone	380	U	12.7	38.5	380	ug/Kg
88-75-5	2-Nitrophenol	380	U	18.6	38.5	380	ug/Kg
105-67-9	2,4-Dimethylphenol	380	U	21.8	38.5	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	380	U	22.1	38.5	380	ug/Kg
120-83-2	2,4-Dichlorophenol	380	U	14.7	38.5	380	ug/Kg
91-20-3	Naphthalene	380	U	13.3	38.5	380	ug/Kg
106-47-8	4-Chloroaniline	380	U	27.1	38.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	380	U	14	38.5	380	ug/Kg
105-60-2	Caprolactam	380	U	17.9	76.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	380	U	17.1	38.5	380	ug/Kg
91-57-6	2-Methylnaphthalene	380	U	9.7	38.5	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	380	U	9.3	38.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	380	U	11.8	38.5	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	380	U	27	38.5	380	ug/Kg
92-52-4	1,1-Biphenyl	380	U	14.5	38.4	380	ug/Kg
91-58-7	2-Chloronaphthalene	380	U	8.8	38.5	380	ug/Kg
88-74-4	2-Nitroaniline	380	U	17.1	38.5	380	ug/Kg
131-11-3	Dimethylphthalate	190	J	10.4	38.5	380	ug/Kg
208-96-8	Acenaphthylene	380	U	9.7	38.5	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	380	U	15.7	38.5	380	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076025.D	1	12/04/14 08:00	12/05/14 06:37	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	380	U	24.7	76.9	380	ug/Kg
83-32-9	Acenaphthene	380	U	10.8	38.5	380	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	39.1	310	380	ug/Kg
100-02-7	4-Nitrophenol	380	U	71.4	190	380	ug/Kg
132-64-9	Dibenzofuran	380	U	15	38.5	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	380	U	11.5	38.5	380	ug/Kg
84-66-2	Diethylphthalate	380	U	6	38.5	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	380	U	20.9	38.5	380	ug/Kg
86-73-7	Fluorene	380	U	14.5	38.5	380	ug/Kg
100-01-6	4-Nitroaniline	380	U	50.1	76.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	22	190	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	380	U	9.2	38.5	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	380	U	7.5	38.5	380	ug/Kg
118-74-1	Hexachlorobenzene	380	U	15.7	38.5	380	ug/Kg
1912-24-9	Atrazine	380	U	20.3	38.5	380	ug/Kg
87-86-5	Pentachlorophenol	380	U	26.3	38.5	380	ug/Kg
85-01-8	Phenanthrene	380	U	10.4	38.5	380	ug/Kg
120-12-7	Anthracene	380	U	7.8	38.5	380	ug/Kg
86-74-8	Carbazole	380	U	8.4	38.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	380	U	30.2	38.5	380	ug/Kg
206-44-0	Fluoranthene	380	U	7.7	38.5	380	ug/Kg
129-00-0	Pyrene	380	U	9.2	38.5	380	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	18.5	38.5	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	380	U	24.7	38.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	380	U	18.3	38.5	380	ug/Kg
218-01-9	Chrysene	380	U	17.4	38.5	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	13.6	38.5	380	ug/Kg
117-84-0	Di-n-octyl phthalate	380	UQ	4.4	38.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	U	12.6	38.5	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	380	U	18.1	38.5	380	ug/Kg
50-32-8	Benzo(a)pyrene	380	U	8.3	38.5	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380	U	12.8	38.5	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	380	U	11.1	38.5	380	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076025.D	1	12/04/14 08:00	12/05/14 06:37	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	380	U	15.6	38.5	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	15.1	38.5	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	15.1	38.5	380	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		70%	SPK: 150
13127-88-3	Phenol-d6	110		34 - 127		76%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.9		31 - 132		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.2		39 - 123		66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		72%	SPK: 150
1718-51-0	Terphenyl-d14	54.7		37 - 115		55%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75352	7.4				
1146-65-2	Naphthalene-d8	300657	8.97				
15067-26-2	Acenaphthene-d10	159014	11.14				
1517-22-2	Phenanthrene-d10	270742	12.99				
1719-03-5	Chrysene-d12	257334	16.28				
1520-96-3	Perylene-d12	261125	18.05				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	10500	JB			1.48	ug/Kg
000994-05-8	Butane, 2-methoxy-2-methyl-	290	J			1.8	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1100	AB			5.17	ug/Kg
	unknown7.10	2900	JB			7.1	ug/Kg
000119-61-9	Benzophenone	85.4	J			12.05	ug/Kg
000112-37-8	Undecanoic acid	94.2	J			13.69	ug/Kg
010544-50-0	Cyclic octaatomic sulfur	290	J			14.59	ug/Kg
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	410	J			14.84	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	370	J			15.61	ug/Kg
1000292-44-1	2- Chloropropionic acid, pentadecy	470	J			16.15	ug/Kg
1000221-85-8	2H-Cyclopentacyclooctene, 4,5,6,7,	260	J			20.46	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076025.D	1	12/04/14 08:00	12/05/14 06:37	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076050.D	1	12/04/14 08:00	12/05/14 22:04	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	9.7	JQ	0.78	1	10.1	ug/L
108-95-2	Phenol	10.1	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.1	U	0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	10.1	U	0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	10.1	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.1	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	2.4	J	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.1	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	10.1	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	10.1	U	0.69	1	10.1	ug/L
78-59-1	Isophorone	10.1	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	10.1	U	0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	10.1	U	0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1	U	0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	10.1	U	0.67	1	10.1	ug/L
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	10.1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	10.1	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	10.1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	10.1	U	0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	10.1	UQ	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	10.1	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	10.1	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	10.1	U	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	10.1	U	0.32	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076050.D	1	12/04/14 08:00	12/05/14 22:04	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	10.1	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	10.1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	10.1	U	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	10.1	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	10.1	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	10.1	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	10.1	U	1	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	10.1	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	10.1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	10.1	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.1	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076050.D	1	12/04/14 08:00	12/05/14 22:04	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.1	UQ	0.2	1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.1	UQ	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	48.2		10 - 130		32%	SPK: 150
13127-88-3	Phenol-d6	28.8		10 - 130		19%	SPK: 150
4165-60-0	Nitrobenzene-d5	83		36 - 131		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.5		39 - 131		86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		25 - 155		78%	SPK: 150
1718-51-0	Terphenyl-d14	71		23 - 130		71%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72350	7.34				
1146-65-2	Naphthalene-d8	298162	8.92				
15067-26-2	Acenaphthene-d10	160147	11.09				
1517-22-2	Phenanthrene-d10	262680	12.93				
1719-03-5	Chrysene-d12	249930	16.21				
1520-96-3	Perylene-d12	226883	17.96				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	50.1	J			1.72	ug/L
	unknown5.09	9.7	J			5.09	ug/L
	unknown7.04	75.6	JB			7.04	ug/L
	unknown9.13	7.5	J			9.13	ug/L
004413-21-2	Cyclopentane, 1,1-ethylidenebis-	3.1	J			9.22	ug/L
	unknown9.50	13.6	J			9.5	ug/L
000104-54-1	2-Propen-1-ol, 3-phenyl-	12.6	J			9.8	ug/L
	unknown10.07	8	J			10.07	ug/L
	unknown10.49	110	J			10.49	ug/L
	unknown10.53	6.6	J			10.53	ug/L
	unknown10.85	51.2	J			10.85	ug/L
	unknown11.19	54.2	J			11.19	ug/L
	unknown11.25	47	J			11.25	ug/L
	unknown11.80	5.4	J			11.8	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076050.D	1	12/04/14 08:00	12/05/14 22:04	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown11.88	64.3	J			11.88	ug/L
	unknown12.13	3.7	J			12.13	ug/L
	unknown13.47	6	J			13.47	ug/L
	unknown13.68	2.8	J			13.68	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076038.D	1	12/04/14 08:00	12/05/14 16:25	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	360	UQ	19.1	36.6	360	ug/Kg
108-95-2	Phenol	360	U	8.4	36.6	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	360	U	17.6	36.6	360	ug/Kg
95-57-8	2-Chlorophenol	360	U	19.3	36.6	360	ug/Kg
95-48-7	2-Methylphenol	360	U	19.9	36.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	15.1	36.6	360	ug/Kg
98-86-2	Acetophenone	360	U	11.2	36.6	360	ug/Kg
65794-96-9	3+4-Methylphenols	360	U	19	36.6	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	360	U	18.4	36.6	360	ug/Kg
67-72-1	Hexachloroethane	360	U	16.3	36.6	360	ug/Kg
98-95-3	Nitrobenzene	360	U	13.8	36.6	360	ug/Kg
78-59-1	Isophorone	360	U	12.1	36.6	360	ug/Kg
88-75-5	2-Nitrophenol	360	U	17.7	36.6	360	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	20.7	36.6	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	360	U	21.1	36.6	360	ug/Kg
120-83-2	2,4-Dichlorophenol	360	U	13.9	36.6	360	ug/Kg
91-20-3	Naphthalene	360	U	12.6	36.6	360	ug/Kg
106-47-8	4-Chloroaniline	360	U	25.8	36.6	360	ug/Kg
87-68-3	Hexachlorobutadiene	360	U	13.3	36.6	360	ug/Kg
105-60-2	Caprolactam	360	U	17	73.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	360	U	16.2	36.6	360	ug/Kg
91-57-6	2-Methylnaphthalene	1300		9.2	36.6	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	8.9	36.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	360	U	11.2	36.6	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	360	U	25.7	36.6	360	ug/Kg
92-52-4	1,1-Biphenyl	170	J	13.8	36.6	360	ug/Kg
91-58-7	2-Chloronaphthalene	360	U	8.3	36.6	360	ug/Kg
88-74-4	2-Nitroaniline	360	U	16.2	36.6	360	ug/Kg
131-11-3	Dimethylphthalate	81.9	J	9.9	36.6	360	ug/Kg
208-96-8	Acenaphthylene	360	U	9.2	36.6	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	360	U	14.9	36.6	360	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076038.D	1	12/04/14 08:00	12/05/14 16:25	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	360	U	23.5	73.1	360	ug/Kg
83-32-9	Acenaphthene	270	J	10.3	36.6	360	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	37.2	290	360	ug/Kg
100-02-7	4-Nitrophenol	360	U	67.9	180	360	ug/Kg
132-64-9	Dibenzofuran	360	U	14.3	36.6	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	360	U	11	36.6	360	ug/Kg
84-66-2	Diethylphthalate	360	U	5.7	36.6	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	360	U	19.9	36.6	360	ug/Kg
86-73-7	Fluorene	490		13.8	36.6	360	ug/Kg
100-01-6	4-Nitroaniline	360	U	47.6	73.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	21	180	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	360	U	8.8	36.6	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	360	U	7.1	36.6	360	ug/Kg
118-74-1	Hexachlorobenzene	360	U	14.9	36.6	360	ug/Kg
1912-24-9	Atrazine	360	U	19.3	36.6	360	ug/Kg
87-86-5	Pentachlorophenol	360	U	25	36.6	360	ug/Kg
85-01-8	Phenanthrene	1200		9.9	36.6	360	ug/Kg
120-12-7	Anthracene	120	J	7.5	36.6	360	ug/Kg
86-74-8	Carbazole	360	U	8	36.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	360	U	28.7	36.6	360	ug/Kg
206-44-0	Fluoranthene	360	U	7.4	36.6	360	ug/Kg
129-00-0	Pyrene	84.1	J	8.8	36.6	360	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	17.6	36.6	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	U	23.5	36.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	360	U	17.4	36.6	360	ug/Kg
218-01-9	Chrysene	360	U	16.6	36.6	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360	U	12.9	36.6	360	ug/Kg
117-84-0	Di-n-octyl phthalate	360	UQ	4.2	36.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	360	U	12	36.6	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	360	U	17.2	36.6	360	ug/Kg
50-32-8	Benzo(a)pyrene	360	U	7.9	36.6	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360	U	12.2	36.6	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	360	U	10.5	36.6	360	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076038.D	1	12/04/14 08:00	12/05/14 16:25	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	360	U	14.8	36.6	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	14.4	36.6	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	360	U	14.4	36.6	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		74%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		79%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.5		31 - 132		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		39 - 123		66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	95.7		30 - 133		64%	SPK: 150
1718-51-0	Terphenyl-d14	55.5		37 - 115		56%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80662	7.34				
1146-65-2	Naphthalene-d8	331750	8.92				
15067-26-2	Acenaphthene-d10	168156	11.09				
1517-22-2	Phenanthrene-d10	256497	12.93				
1719-03-5	Chrysene-d12	251555	16.22				
1520-96-3	Perylene-d12	239532	18				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown1.42	12100	J			1.42	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1000	AB			5.1	ug/Kg
	unknown7.04	3100	J			7.04	ug/Kg
005617-41-4	Heptylcyclohexane	1200	J			10.07	ug/Kg
000582-16-1	Naphthalene, 2,7-dimethyl-	2000	J			10.58	ug/Kg
000575-43-9	Naphthalene, 1,6-dimethyl-	2200	J			10.68	ug/Kg
000571-61-9	Naphthalene, 1,5-dimethyl-	1700	J			10.71	ug/Kg
002131-42-2	Naphthalene, 1,4,6-trimethyl-	1200	J			11.24	ug/Kg
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1700	J			11.35	ug/Kg
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1000	J			11.41	ug/Kg
002131-41-1	Naphthalene, 1,4,5-trimethyl-	1700	J			11.6	ug/Kg
000593-49-7	Heptacosane	2000	J			11.96	ug/Kg
000490-65-3	Naphthalene, 1-methyl-7-(1-methyle	1000	J			12.13	ug/Kg
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	2800	J			12.29	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076038.D	1	12/04/14 08:00	12/05/14 16:25	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
	unknown12.46	1100	J			12.46	ug/Kg
000612-75-9	3,3-Dimethylbiphenyl	1400	J			12.49	ug/Kg
	unknown12.55	830	J			12.55	ug/Kg
001560-96-9	Tridecane, 2-methyl-	2000	J			12.86	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076064.D	1	12/04/14 08:00	12/06/14 06:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	370	UQ	19.3	36.9	370	ug/Kg
108-95-2	Phenol	370	U	8.5	36.9	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	370	U	17.7	36.9	370	ug/Kg
95-57-8	2-Chlorophenol	370	U	19.5	36.9	370	ug/Kg
95-48-7	2-Methylphenol	370	U	20	36.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	15.3	36.9	370	ug/Kg
98-86-2	Acetophenone	370	U	11.3	36.9	370	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	19.2	36.9	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	370	U	18.6	36.9	370	ug/Kg
67-72-1	Hexachloroethane	370	U	16.5	36.9	370	ug/Kg
98-95-3	Nitrobenzene	370	U	14	36.9	370	ug/Kg
78-59-1	Isophorone	370	U	12.2	36.9	370	ug/Kg
88-75-5	2-Nitrophenol	370	U	17.8	36.9	370	ug/Kg
105-67-9	2,4-Dimethylphenol	370	U	20.9	36.9	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	370	U	21.3	36.9	370	ug/Kg
120-83-2	2,4-Dichlorophenol	370	U	14.1	36.9	370	ug/Kg
91-20-3	Naphthalene	370	U	12.7	36.9	370	ug/Kg
106-47-8	4-Chloroaniline	370	U	26	36.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	370	U	13.4	36.9	370	ug/Kg
105-60-2	Caprolactam	370	U	17.2	73.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	370	U	16.4	36.9	370	ug/Kg
91-57-6	2-Methylnaphthalene	2100		9.3	36.9	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	9	36.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	370	U	11.3	36.9	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	370	U	25.9	36.9	370	ug/Kg
92-52-4	1,1-Biphenyl	450		14	36.9	370	ug/Kg
91-58-7	2-Chloronaphthalene	370	U	8.4	36.9	370	ug/Kg
88-74-4	2-Nitroaniline	370	U	16.4	36.9	370	ug/Kg
131-11-3	Dimethylphthalate	370	U	10	36.9	370	ug/Kg
208-96-8	Acenaphthylene	370	U	9.3	36.9	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	370	U	15.1	36.9	370	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076064.D	1	12/04/14 08:00	12/06/14 06:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	370	U	23.7	73.8	370	ug/Kg
83-32-9	Acenaphthene	410		10.4	36.9	370	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	37.5	300	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	68.5	180	370	ug/Kg
132-64-9	Dibenzofuran	370	U	14.4	36.9	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	370	U	11.1	36.9	370	ug/Kg
84-66-2	Diethylphthalate	370	U	5.8	36.9	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	370	U	20	36.9	370	ug/Kg
86-73-7	Fluorene	740		14	36.9	370	ug/Kg
100-01-6	4-Nitroaniline	370	U	48.1	73.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	21.1	180	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	370	U	8.9	36.9	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	370	U	7.2	36.9	370	ug/Kg
118-74-1	Hexachlorobenzene	370	U	15.1	36.9	370	ug/Kg
1912-24-9	Atrazine	370	U	19.5	36.9	370	ug/Kg
87-86-5	Pentachlorophenol	370	U	25.2	36.9	370	ug/Kg
85-01-8	Phenanthrene	1700		10	36.9	370	ug/Kg
120-12-7	Anthracene	370	U	7.5	36.9	370	ug/Kg
86-74-8	Carbazole	370	U	8.1	36.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	370	U	29	36.9	370	ug/Kg
206-44-0	Fluoranthene	370	U	7.4	36.9	370	ug/Kg
129-00-0	Pyrene	120	J	8.9	36.9	370	ug/Kg
85-68-7	Butylbenzylphthalate	370	U	17.7	36.9	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	23.7	36.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	370	U	17.6	36.9	370	ug/Kg
218-01-9	Chrysene	370	U	16.7	36.9	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	13.1	36.9	370	ug/Kg
117-84-0	Di-n-octyl phthalate	370	UQ	4.2	36.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	U	12.1	36.9	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	370	U	17.4	36.9	370	ug/Kg
50-32-8	Benzo(a)pyrene	370	U	8	36.9	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	12.3	36.9	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370	U	10.6	36.9	370	ug/Kg

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076064.D	1	12/04/14 08:00	12/06/14 06:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	370	U	14.9	36.9	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	14.5	36.9	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	14.5	36.9	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.1		28 - 127		60%	SPK: 150
13127-88-3	Phenol-d6	89.4		34 - 127		60%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.8		31 - 132		65%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.6		39 - 123		56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.5		30 - 133		53%	SPK: 150
1718-51-0	Terphenyl-d14	45.1		37 - 115		45%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74102	7.34				
1146-65-2	Naphthalene-d8	304525	8.92				
15067-26-2	Acenaphthene-d10	157415	11.09				
1517-22-2	Phenanthrene-d10	244711	12.93				
1719-03-5	Chrysene-d12	246630	16.2				
1520-96-3	Perylene-d12	224858	17.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	5900	JB			1.41	ug/Kg
	unknown7.04	1800	J			7.04	ug/Kg
001074-55-1	Benzene, 1-methyl-4-propyl-	1200	J			7.83	ug/Kg
005911-04-6	Nonane, 3-methyl-	1300	J			9.48	ug/Kg
	unknown9.69	1300	J			9.69	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	1400	J			9.92	ug/Kg
005617-41-4	Heptylcyclohexane	1600	J			10.07	ug/Kg
000571-61-9	Naphthalene, 1,5-dimethyl-	3000	J			10.6	ug/Kg
000575-43-9	Naphthalene, 1,6-dimethyl-	3100	J			10.69	ug/Kg
006165-40-8	Pentadecane, 7-methyl-	2600	J			10.79	ug/Kg
002027-17-0	Naphthalene, 2-(1-methylethyl)-	1600	J			11.24	ug/Kg
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2400	J			11.35	ug/Kg
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2300	J			11.6	ug/Kg
003892-00-0	Pentadecane, 2,6,10-trimethyl-	2900	J			11.96	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076064.D	1	12/04/14 08:00	12/06/14 06:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	2600	J			12.29	ug/Kg
000613-33-2	4,4-Dimethylbiphenyl	1700	J			12.49	ug/Kg
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1500	J			12.86	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
F4956-06	EB12214	2-Fluorophenol	150	48.20	32		10	130
		Phenol-d6	150	28.76	19		10	130
		Nitrobenzene-d5	100	83.04	83		36	131
		2-Fluorobiphenyl	100	85.50	86		39	131
		2,4,6-Tribromophenol	150	116.62	78		25	155
		Terphenyl-d14	100	71.00	71		23	130
PB80682BL	PB80682BL	2-Fluorophenol	150	110.06	73		20	110
		Phenol-d6	150	109.83	73		10	160
		Nitrobenzene-d5	100	71.96	72		40	110
		2-Fluorobiphenyl	100	72.21	72		50	110
		2,4,6-Tribromophenol	150	96.11	64		40	125
		Terphenyl-d14	100	62.96	63		50	135
PB80682BS	PB80682BS	2-Fluorophenol	150	102.89	69		20	110
		Phenol-d6	150	111.33	74		10	160
		Nitrobenzene-d5	100	64.13	64		40	110
		2-Fluorobiphenyl	100	64.31	64		50	110
		2,4,6-Tribromophenol	150	90.75	61		40	125
		Terphenyl-d14	100	59.23	59		50	135
PB80682BSD	PB80682BSD	2-Fluorophenol	150	111.11	74		20	110
		Phenol-d6	150	114.54	76		10	160
		Nitrobenzene-d5	100	68.45	68		40	110
		2-Fluorobiphenyl	100	72.92	73		50	110
		2,4,6-Tribromophenol	150	100.86	67		40	125
		Terphenyl-d14	100	57.65	58		50	135

Surrogate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
F4956-01	B-1(5-7.5)	2-Fluorophenol	150	121.72	81		28	127
		Phenol-d6	150	133.04	89		34	127
		Nitrobenzene-d5	100	74.47	74		31	132
		2-Fluorobiphenyl	100	62.81	63		39	123
		2,4,6-Tribromophenol	150	110.11	73		30	133
		Terphenyl-d14	100	51.70	52		37	115
F4956-02	B-2(2.5-5)	2-Fluorophenol	150	115.45	77		28	127
		Phenol-d6	150	124.10	83		34	127
		Nitrobenzene-d5	100	77.02	77		31	132
		2-Fluorobiphenyl	100	70.44	70		39	123
		2,4,6-Tribromophenol	150	105.55	70		30	133
		Terphenyl-d14	100	59.10	59		37	115
F4956-03	B-3(2.5-5)	2-Fluorophenol	150	105.19	70		28	127
		Phenol-d6	150	113.91	76		34	127
		Nitrobenzene-d5	100	70.85	71		31	132
		2-Fluorobiphenyl	100	66.15	66		39	123
		2,4,6-Tribromophenol	150	107.45	72		30	133
		Terphenyl-d14	100	54.72	55		37	115
F4956-04MS	B-3(2.5-5)MS	2-Fluorophenol	150	116.34	78		28	127
		Phenol-d6	150	118.83	79		34	127
		Nitrobenzene-d5	100	85.08	85		31	132
		2-Fluorobiphenyl	100	77.03	77		39	123
		2,4,6-Tribromophenol	150	127.53	85		30	133
		Terphenyl-d14	100	66.91	67		37	115
F4956-05MSD	B-3(2.5-5)MSD	2-Fluorophenol	150	105.44	70		28	127
		Phenol-d6	150	105.49	70		34	127
		Nitrobenzene-d5	100	77.23	77		31	132
		2-Fluorobiphenyl	100	68.10	68		39	123
		2,4,6-Tribromophenol	150	109.63	73		30	133
		Terphenyl-d14	100	57.28	57		37	115
F4956-07	B-4(5-7)	2-Fluorophenol	150	111.70	74		28	127
		Phenol-d6	150	119.23	79		34	127
		Nitrobenzene-d5	100	74.53	75		31	132
		2-Fluorobiphenyl	100	65.87	66		39	123
		2,4,6-Tribromophenol	150	95.73	64		30	133
		Terphenyl-d14	100	55.51	56		37	115
F4956-08	FD12214	2-Fluorophenol	150	90.08	60		28	127
		Phenol-d6	150	89.39	60		34	127
		Nitrobenzene-d5	100	64.84	65		31	132
		2-Fluorobiphenyl	100	55.63	56		39	123
		2,4,6-Tribromophenol	150	79.45	53		30	133
		Terphenyl-d14	100	45.06	45		37	115
PB80695BL	PB80695BL	2-Fluorophenol	150	109.58	73		28	127
		Phenol-d6	150	117.12	78		34	127
		Nitrobenzene-d5	100	66.74	67		31	132
		2-Fluorobiphenyl	100	70.85	71		39	123
		2,4,6-Tribromophenol	150	111.18	74		30	133
		Terphenyl-d14	100	63.06	63		37	115
PB80695BS	PB80695BS	2-Fluorophenol	150	104.94	70		28	127
		Phenol-d6	150	109.98	73		34	127
		Nitrobenzene-d5	100	72.35	72		31	132
		2-Fluorobiphenyl	100	70.73	71		39	123

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Surrogate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB80695BS	PB80695BS	2,4,6-Tribromophenol	150	115.30	77		30	133
		Terphenyl-d14	100	63.19	63		37	115

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: F4956-04MS		**Client Sample ID: B-3(2.5-5)MS**						**DataFile: BF076026.D**			
Benzaldehyde	1900	0	230	ug/Kg	12				10	105	
Phenol	1900	0	1200	ug/Kg	63				40	115	
bis(2-Chloroethyl)ether	1900	0	1400	ug/Kg	74				48	110	
2-Chlorophenol	1900	0	1300	ug/Kg	68				39	115	
2-Methylphenol	1900	0	1300	ug/Kg	68				48	111	
2,2-oxybis(1-Chloropropane)	1900	0	1300	ug/Kg	68				43	116	
Acetophenone	1900	0	1300	ug/Kg	68				46	122	
3+4-Methylphenols	1900	0	1300	ug/Kg	68				46	115	
N-Nitroso-di-n-propylamine	1900	0	1300	ug/Kg	68				37	128	
Hexachloroethane	1900	0	1400	ug/Kg	74				37	117	
Nitrobenzene	1900	0	1400	ug/Kg	74				45	117	
Isophorone	1900	0	1400	ug/Kg	74				44	121	
2-Nitrophenol	1900	0	1400	ug/Kg	74				32	123	
2,4-Dimethylphenol	1900	0	1300	ug/Kg	68				45	118	
bis(2-Chloroethoxy)methane	1900	0	1400	ug/Kg	74				47	117	
2,4-Dichlorophenol	1900	0	1500	ug/Kg	79				37	122	
Naphthalene	1900	0	1400	ug/Kg	74				42	121	
4-Chloroaniline	1900	0	530	ug/Kg	28				10	130	
Hexachlorobutadiene	1900	0	1400	ug/Kg	74				49	111	
Caprolactam	1900	0	1400	ug/Kg	74				26	133	
4-Chloro-3-methylphenol	1900	0	1400	ug/Kg	74				46	115	
2-Methylnaphthalene	1900	0	1400	ug/Kg	74				45	118	
Hexachlorocyclopentadiene	3900	0	2100	ug/Kg	54				10	127	
2,4,6-Trichlorophenol	1900	0	1300	ug/Kg	68				36	122	
2,4,5-Trichlorophenol	1900	0	1400	ug/Kg	74				33	125	
1,1-Biphenyl	1900	0	1200	ug/Kg	63				47	119	
2-Chloronaphthalene	1900	0	1400	ug/Kg	74				52	110	
2-Nitroaniline	1900	0	1400	ug/Kg	74				45	121	
Dimethylphthalate	1900	190	1500	ug/Kg	69				39	127	
Acenaphthylene	1900	0	1400	ug/Kg	74				45	117	
2,6-Dinitrotoluene	1900	0	1400	ug/Kg	74				50	114	
3-Nitroaniline	1900	0	980	ug/Kg	52				12	108	
Acenaphthene	1900	0	1400	ug/Kg	74				45	118	
2,4-Dinitrophenol	3900	0	1600	ug/Kg	41				10	126	
4-Nitrophenol	3900	0	2700	ug/Kg	69				18	141	
Dibenzofuran	1900	0	1400	ug/Kg	74				45	118	
2,4-Dinitrotoluene	1900	0	1600	ug/Kg	84				44	120	
Diethylphthalate	1900	0	1400	ug/Kg	74				50	113	
4-Chlorophenyl-phenylether	1900	0	1400	ug/Kg	74				51	111	
Fluorene	1900	0	1500	ug/Kg	79				41	121	
4-Nitroaniline	1900	0	1200	ug/Kg	63				38	113	
4,6-Dinitro-2-methylphenol	1900	0	1100	ug/Kg	58				10	142	
N-Nitrosodiphenylamine	1900	0	1300	ug/Kg	68				45	122	
4-Bromophenyl-phenylether	1900	0	1300	ug/Kg	68				51	114	
Hexachlorobenzene	1900	0	1400	ug/Kg	74				48	114	
Atrazine	1900	0	1400	ug/Kg	74				40	129	
Pentachlorophenol	3900	0	2500	ug/Kg	64				15	145	

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Phenanthrene	1900	0	1500	ug/Kg	79				29	138	
Anthracene	1900	0	1400	ug/Kg	74				45	120	
Carbazole	1900	0	1300	ug/Kg	68				43	122	
Di-n-butylphthalate	1900	0	1300	ug/Kg	68				51	115	
Fluoranthene	1900	0	1400	ug/Kg	74				33	133	
Pyrene	1900	0	1500	ug/Kg	79				31	135	
Butylbenzylphthalate	1900	0	1300	ug/Kg	68				49	121	
3,3-Dichlorobenzidine	1900	0	1000	ug/Kg	53				10	105	
Benzo(a)anthracene	1900	0	1400	ug/Kg	74				35	132	
Chrysene	1900	0	1400	ug/Kg	74				34	131	
bis(2-Ethylhexyl)phthalate	1900	0	1200	ug/Kg	63				42	127	
Di-n-octyl phthalate	1900	0	1100	ug/Kg	58				50	123	
Benzo(b)fluoranthene	1900	0	1400	ug/Kg	74				35	128	
Benzo(k)fluoranthene	1900	0	1400	ug/Kg	74				39	117	
Benzo(a)pyrene	1900	0	1400	ug/Kg	74				35	129	
Indeno(1,2,3-cd)pyrene	1900	0	1200	ug/Kg	63				30	140	
Dibenz(a,h)anthracene	1900	0	1100	ug/Kg	58				18	147	
Benzo(g,h,i)perylene	1900	0	1200	ug/Kg	63				31	132	
1,2,4,5-Tetrachlorobenzene	1900	0	1300	ug/Kg	68				52	122	
2,3,4,6-Tetrachlorophenol	1900	0	1500	ug/Kg	79				52	109	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: F4956-05MSD		**Client Sample ID: B-3(2.5-5)MSD**						**DataFile: BF076027.D**			
Benzaldehyde	1900	0	230	ug/Kg	12		0		10	105	20
Phenol	1900	0	1100	ug/Kg	58		8		40	115	20
bis(2-Chloroethyl)ether	1900	0	1400	ug/Kg	74		0		48	110	20
2-Chlorophenol	1900	0	1200	ug/Kg	63		8		39	115	20
2-Methylphenol	1900	0	1100	ug/Kg	58		16		48	111	20
2,2-oxybis(1-Chloropropane)	1900	0	1100	ug/Kg	58		16		43	116	20
Acetophenone	1900	0	1200	ug/Kg	63		8		46	122	20
3+4-Methylphenols	1900	0	1200	ug/Kg	63		8		46	115	20
N-Nitroso-di-n-propylamine	1900	0	1200	ug/Kg	63		8		37	128	20
Hexachloroethane	1900	0	1300	ug/Kg	68		8		37	117	20
Nitrobenzene	1900	0	1300	ug/Kg	68		8		45	117	20
Isophorone	1900	0	1200	ug/Kg	63		16		44	121	20
2-Nitrophenol	1900	0	1300	ug/Kg	68		8		32	123	20
2,4-Dimethylphenol	1900	0	1200	ug/Kg	63		8		45	118	20
bis(2-Chloroethoxy)methane	1900	0	1200	ug/Kg	63		16		47	117	20
2,4-Dichlorophenol	1900	0	1300	ug/Kg	68		15		37	122	20
Naphthalene	1900	0	1300	ug/Kg	68		8		42	121	20
4-Chloroaniline	1900	0	360	ug/Kg	19		38	*	10	130	20
Hexachlorobutadiene	1900	0	1300	ug/Kg	68		8		49	111	20
Caprolactam	1900	0	1300	ug/Kg	68		8		26	133	20
4-Chloro-3-methylphenol	1900	0	1200	ug/Kg	63		16		46	115	20
2-Methylnaphthalene	1900	0	1300	ug/Kg	68		8		45	118	20
Hexachlorocyclopentadiene	3800	0	1500	ug/Kg	39		32	*	10	127	20
2,4,6-Trichlorophenol	1900	0	1200	ug/Kg	63		8		36	122	20
2,4,5-Trichlorophenol	1900	0	1200	ug/Kg	63		16		33	125	20
1,1-Biphenyl	1900	0	1100	ug/Kg	58		8		47	119	20
2-Chloronaphthalene	1900	0	1200	ug/Kg	63		16		52	110	20
2-Nitroaniline	1900	0	1200	ug/Kg	63		16		45	121	20
Dimethylphthalate	1900	190	1300	ug/Kg	58		17		39	127	20
Acenaphthylene	1900	0	1300	ug/Kg	68		8		45	117	20
2,6-Dinitrotoluene	1900	0	1200	ug/Kg	63		16		50	114	20
3-Nitroaniline	1900	0	750	ug/Kg	39		29	*	12	108	20
Acenaphthene	1900	0	1200	ug/Kg	63		16		45	118	20
2,4-Dinitrophenol	3800	0	1300	ug/Kg	34		19		10	126	20
4-Nitrophenol	3800	0	2500	ug/Kg	66		4		18	141	20
Dibenzofuran	1900	0	1200	ug/Kg	63		16		45	118	20
2,4-Dinitrotoluene	1900	0	1300	ug/Kg	68		21	*	44	120	20
Diethylphthalate	1900	0	1200	ug/Kg	63		16		50	113	20
4-Chlorophenyl-phenylether	1900	0	1200	ug/Kg	63		16		51	111	20
Fluorene	1900	0	1200	ug/Kg	63		23	*	41	121	20
4-Nitroaniline	1900	0	1000	ug/Kg	53		17		38	113	20
4,6-Dinitro-2-methylphenol	1900	0	800	ug/Kg	42		32	*	10	142	20
N-Nitrosodiphenylamine	1900	0	1200	ug/Kg	63		8		45	122	20
4-Bromophenyl-phenylether	1900	0	1100	ug/Kg	58		16		51	114	20
Hexachlorobenzene	1900	0	1200	ug/Kg	63		16		48	114	20
Atrazine	1900	0	1200	ug/Kg	63		16		40	129	20
Pentachlorophenol	3800	0	2300	ug/Kg	61		5		15	145	20

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Phenanthrene	1900	0	1300	ug/Kg	68		15		29	138	20
Anthracene	1900	0	1200	ug/Kg	63		16		45	120	20
Carbazole	1900	0	1200	ug/Kg	63		8		43	122	20
Di-n-butylphthalate	1900	0	1100	ug/Kg	58		16		51	115	20
Fluoranthene	1900	0	1300	ug/Kg	68		8		33	133	20
Pyrene	1900	0	1400	ug/Kg	74		7		31	135	20
Butylbenzylphthalate	1900	0	1100	ug/Kg	58		16		49	121	20
3,3-Dichlorobenzidine	1900	0	1000	ug/Kg	53		0		10	105	20
Benzo(a)anthracene	1900	0	1300	ug/Kg	68		8		35	132	20
Chrysene	1900	0	1300	ug/Kg	68		8		34	131	20
bis(2-Ethylhexyl)phthalate	1900	0	1000	ug/Kg	53		17		42	127	20
Di-n-octyl phthalate	1900	0	970	ug/Kg	51		13		50	123	20
Benzo(b)fluoranthene	1900	0	1300	ug/Kg	68		8		35	128	20
Benzo(k)fluoranthene	1900	0	1300	ug/Kg	68		8		39	117	20
Benzo(a)pyrene	1900	0	1200	ug/Kg	63		16		35	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1200	ug/Kg	63		0		30	140	20
Dibenz(a,h)anthracene	1900	0	1100	ug/Kg	58		0		18	147	20
Benzo(g,h,i)perylene	1900	0	1100	ug/Kg	58		8		31	132	20
1,2,4,5-Tetrachlorobenzene	1900	0	1200	ug/Kg	63		8		52	122	20
2,3,4,6-Tetrachlorophenol	1900	0	1200	ug/Kg	63		23	*	52	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076011.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80695BS	Benzaldehyde	1700	160	ug/Kg	9		*		10	95	
	Phenol	1700	950	ug/Kg	56				51	101	
	bis(2-Chloroethyl)ether	1700	1100	ug/Kg	65				55	99	
	2-Chlorophenol	1700	1000	ug/Kg	59				53	100	
	2-Methylphenol	1700	1000	ug/Kg	59				49	105	
	2,2-oxybis(1-Chloropropane)	1700	980	ug/Kg	58				52	104	
	Acetophenone	1700	1000	ug/Kg	59				50	111	
	3+4-Methylphenols	1700	1000	ug/Kg	59				52	102	
	N-Nitroso-di-n-propylamine	1700	980	ug/Kg	58				51	104	
	Hexachloroethane	1700	1000	ug/Kg	59				54	97	
	Nitrobenzene	1700	1100	ug/Kg	65				51	104	
	Isophorone	1700	1100	ug/Kg	65				55	101	
	2-Nitrophenol	1700	1100	ug/Kg	65				52	105	
	2,4-Dimethylphenol	1700	1000	ug/Kg	59				53	103	
	bis(2-Chloroethoxy)methane	1700	1100	ug/Kg	65				55	101	
	2,4-Dichlorophenol	1700	1100	ug/Kg	65				54	103	
	Naphthalene	1700	1100	ug/Kg	65				53	103	
	4-Chloroaniline	1700	540	ug/Kg	32				10	130	
	Hexachlorobutadiene	1700	1100	ug/Kg	65				50	106	
	Caprolactam	1700	1200	ug/Kg	71				49	106	
	4-Chloro-3-methylphenol	1700	1100	ug/Kg	65				55	101	
	2-Methylnaphthalene	1700	1100	ug/Kg	65				55	102	
	Hexachlorocyclopentadiene	3300	1900	ug/Kg	58				38	122	
	2,4,6-Trichlorophenol	1700	1000	ug/Kg	59				56	103	
	2,4,5-Trichlorophenol	1700	1100	ug/Kg	65				56	103	
	1,1-Biphenyl	1700	960	ug/Kg	56				56	107	
	2-Chloronaphthalene	1700	1100	ug/Kg	65				56	102	
	2-Nitroaniline	1700	1100	ug/Kg	65				54	103	
	Dimethylphthalate	1700	1100	ug/Kg	65				61	111	
	Acenaphthylene	1700	1100	ug/Kg	65				57	101	
	2,6-Dinitrotoluene	1700	1100	ug/Kg	65				59	100	
	3-Nitroaniline	1700	760	ug/Kg	45				10	130	
	Acenaphthene	1700	1100	ug/Kg	65				57	102	
	2,4-Dinitrophenol	3300	1800	ug/Kg	55				32	114	
	4-Nitrophenol	3300	2400	ug/Kg	73				48	114	
	Dibenzofuran	1700	1100	ug/Kg	65				57	100	
	2,4-Dinitrotoluene	1700	1200	ug/Kg	71				58	102	
	Diethylphthalate	1700	1100	ug/Kg	65				56	101	
	4-Chlorophenyl-phenylether	1700	1100	ug/Kg	65				57	101	
	Fluorene	1700	1100	ug/Kg	65				57	101	
	4-Nitroaniline	1700	1100	ug/Kg	65				49	99	
	4,6-Dinitro-2-methylphenol	1700	1000	ug/Kg	59				44	119	
	N-Nitrosodiphenylamine	1700	1000	ug/Kg	59				57	103	
	4-Bromophenyl-phenylether	1700	1000	ug/Kg	59				57	105	
	Hexachlorobenzene	1700	1100	ug/Kg	65				54	106	
	Atrazine	1700	1100	ug/Kg	65				50	113	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076011.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80695BS	Pentachlorophenol	3300	2100	ug/Kg	64				49	116	
	Phenanthrene	1700	1100	ug/Kg	65				58	101	
	Anthracene	1700	1100	ug/Kg	65				57	102	
	Carbazole	1700	1000	ug/Kg	59				57	102	
	Di-n-butylphthalate	1700	1000	ug/Kg	59				57	103	
	Fluoranthene	1700	1100	ug/Kg	65				56	102	
	Pyrene	1700	1100	ug/Kg	65				56	106	
	Butylbenzylphthalate	1700	1100	ug/Kg	65				57	106	
	3,3-Dichlorobenzidine	1700	600	ug/Kg	35				10	92	
	Benzo(a)anthracene	1700	1100	ug/Kg	65				56	103	
	Chrysene	1700	1100	ug/Kg	65				58	102	
	bis(2-Ethylhexyl)phthalate	1700	980	ug/Kg	58				57	106	
	Di-n-octyl phthalate	1700	920	ug/Kg	54		*		56	107	
	Benzo(b)fluoranthene	1700	1100	ug/Kg	65				56	103	
	Benzo(k)fluoranthene	1700	1200	ug/Kg	71				55	102	
	Benzo(a)pyrene	1700	1100	ug/Kg	65				57	103	
	Indeno(1,2,3-cd)pyrene	1700	940	ug/Kg	55				50	113	
	Dibenz(a,h)anthracene	1700	1000	ug/Kg	59				52	119	
	Benzo(g,h,i)perylene	1700	1000	ug/Kg	59				56	105	
	1,2,4,5-Tetrachlorobenzene	1700	1000	ug/Kg	59				33	136	
	2,3,4,6-Tetrachlorophenol	1700	1100	ug/Kg	65				47	120	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076043.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80682BS	Benzaldehyde	50	5.5	ug/L	11				10	161	
	Phenol	50	31.4	ug/L	63				10	132	
	bis(2-Chloroethyl)ether	50	32.6	ug/L	65				35	110	
	2-Chlorophenol	50	32.5	ug/L	65				35	105	
	2-Methylphenol	50	31.6	ug/L	63				40	110	
	2,2-oxybis(1-Chloropropane)	50	31.1	ug/L	62				46	118	
	Acetophenone	50	31.7	ug/L	63				57	116	
	3+4-Methylphenols	50	32.3	ug/L	65				30	110	
	N-Nitroso-di-n-propylamine	50	33.1	ug/L	66				35	130	
	Hexachloroethane	50	33.9	ug/L	68				30	100	
	Nitrobenzene	50	31.1	ug/L	62				45	110	
	Isophorone	50	30.9	ug/L	62				50	110	
	2-Nitrophenol	50	32.3	ug/L	65				40	115	
	2,4-Dimethylphenol	50	30.9	ug/L	62				30	110	
	bis(2-Chloroethoxy)methane	50	33.1	ug/L	66				45	105	
	2,4-Dichlorophenol	50	32.2	ug/L	64				50	105	
	Naphthalene	50	33.7	ug/L	67				40	100	
	4-Chloroaniline	50	12.5	ug/L	25				15	110	
	Hexachlorobutadiene	50	32.9	ug/L	66				25	105	
	Caprolactam	50	32.2	ug/L	64				10	161	
	4-Chloro-3-methylphenol	50	32.2	ug/L	64				45	110	
	2-Methylnaphthalene	50	32.7	ug/L	65				45	105	
	Hexachlorocyclopentadiene	100	66.2	ug/L	66				10	155	
	2,4,6-Trichlorophenol	50	30.5	ug/L	61				50	115	
	2,4,5-Trichlorophenol	50	29.9	ug/L	60				50	110	
	1,1-Biphenyl	50	27.5	ug/L	55		*		58	115	
	2-Chloronaphthalene	50	32.2	ug/L	64				50	105	
	2-Nitroaniline	50	29.5	ug/L	59				50	115	
	Dimethylphthalate	50	29.2	ug/L	58				25	125	
	Acenaphthylene	50	32	ug/L	64				50	105	
	2,6-Dinitrotoluene	50	32.3	ug/L	65				50	115	
	3-Nitroaniline	50	18.8	ug/L	38				20	125	
	Acenaphthene	50	30.9	ug/L	62				45	110	
	2,4-Dinitrophenol	100	56.2	ug/L	56				15	140	
	4-Nitrophenol	100	61.4	ug/L	61				10	161	
	Dibenzofuran	50	30.8	ug/L	62				55	105	
	2,4-Dinitrotoluene	50	34.5	ug/L	69				50	120	
	Diethylphthalate	50	30.9	ug/L	62				40	120	
	4-Chlorophenyl-phenylether	50	32.8	ug/L	66				50	110	
	Fluorene	50	31.8	ug/L	64				50	110	
	4-Nitroaniline	50	28.8	ug/L	58				35	120	
	4,6-Dinitro-2-methylphenol	50	31.8	ug/L	64				40	130	
	N-Nitrosodiphenylamine	50	31.5	ug/L	63				50	110	
	4-Bromophenyl-phenylether	50	31.7	ug/L	63				50	115	
	Hexachlorobenzene	50	31.5	ug/L	63				50	110	
	Atrazine	50	32.8	ug/L	66				61	132	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076043.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80682BS	Pentachlorophenol	100	58.7	ug/L	59				40	115	
	Phenanthrene	50	32.7	ug/L	65				50	115	
	Anthracene	50	34	ug/L	68				55	110	
	Carbazole	50	32.2	ug/L	64				50	115	
	Di-n-butylphthalate	50	30.4	ug/L	61				55	115	
	Fluoranthene	50	31.1	ug/L	62				55	115	
	Pyrene	50	35.4	ug/L	71				50	130	
	Butylbenzylphthalate	50	30.6	ug/L	61				45	115	
	3,3-Dichlorobenzidine	50	16	ug/L	32				20	110	
	Benzo(a)anthracene	50	33.6	ug/L	67				55	110	
	Chrysene	50	35.1	ug/L	70				55	110	
	bis(2-Ethylhexyl)phthalate	50	29.5	ug/L	59				40	125	
	Di-n-octyl phthalate	50	27.3	ug/L	55				35	135	
	Benzo(b)fluoranthene	50	34.1	ug/L	68				45	120	
	Benzo(k)fluoranthene	50	34.5	ug/L	69				45	125	
	Benzo(a)pyrene	50	33.5	ug/L	67				55	110	
	Indeno(1,2,3-cd)pyrene	50	29.9	ug/L	60				45	125	
	Dibenz(a,h)anthracene	50	32.4	ug/L	65				40	125	
	Benzo(g,h,i)perylene	50	32.1	ug/L	64				40	125	
	1,2,4,5-Tetrachlorobenzene	50	30.9	ug/L	62		*		70	130	
	2,3,4,6-Tetrachlorophenol	50	31.3	ug/L	63		*		70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076044.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80682BSD	Benzaldehyde	50	4.8	ug/L	10	11	*		10	161	20
	Phenol	50	30.2	ug/L	60	12			10	132	20
	bis(2-Chloroethyl)ether	50	32.9	ug/L	66	8			35	110	20
	2-Chlorophenol	50	31.7	ug/L	63	5			35	105	20
	2-Methylphenol	50	32	ug/L	64	9			40	110	20
	2,2-oxybis(1-Chloropropane)	50	29.8	ug/L	60	3			46	118	20
	Acetophenone	50	31	ug/L	62	2			57	116	20
	3+4-Methylphenols	50	31.8	ug/L	64	8			30	110	20
	N-Nitroso-di-n-propylamine	50	32.1	ug/L	64	5			35	130	20
	Hexachloroethane	50	32.2	ug/L	64	0			30	100	20
	Nitrobenzene	50	30.4	ug/L	61	2			45	110	20
	Isophorone	50	31.3	ug/L	63	0			50	110	20
	2-Nitrophenol	50	31.9	ug/L	64	1			40	115	20
	2,4-Dimethylphenol	50	31.2	ug/L	62	6			30	110	20
	bis(2-Chloroethoxy)methane	50	33.4	ug/L	67	6			45	105	20
	2,4-Dichlorophenol	50	32.3	ug/L	65	1			50	105	20
	Naphthalene	50	33.6	ug/L	67	5			40	100	20
	4-Chloroaniline	50	13.2	ug/L	26	22		*	15	110	20
	Hexachlorobutadiene	50	33	ug/L	66	6			25	105	20
	Caprolactam	50	33	ug/L	66	2			10	161	20
	4-Chloro-3-methylphenol	50	32.1	ug/L	64	1			45	110	20
	2-Methylnaphthalene	50	32.8	ug/L	66	3			45	105	20
	Hexachlorocyclopentadiene	100	67.6	ug/L	68	19			10	155	20
	2,4,6-Trichlorophenol	50	32.4	ug/L	65	0			50	115	20
	2,4,5-Trichlorophenol	50	31.4	ug/L	63	2			50	110	20
	1,1-Biphenyl	50	29	ug/L	58	3			58	115	20
	2-Chloronaphthalene	50	32.9	ug/L	66	3			50	105	20
	2-Nitroaniline	50	32.7	ug/L	65	6			50	115	20
	Dimethylphthalate	50	31.4	ug/L	63	3			25	125	20
	Acenaphthylene	50	33.1	ug/L	66	1			50	105	20
	2,6-Dinitrotoluene	50	34.5	ug/L	69	3			50	115	20
	3-Nitroaniline	50	19.7	ug/L	39	20			20	125	20
	Acenaphthene	50	32	ug/L	64	5			45	110	20
	2,4-Dinitrophenol	100	59.1	ug/L	59	16			15	140	20
	4-Nitrophenol	100	66.3	ug/L	66	3			10	161	20
	Dibenzofuran	50	31.9	ug/L	64	3			55	105	20
	2,4-Dinitrotoluene	50	34.9	ug/L	70	4			50	120	20
	Diethylphthalate	50	32.1	ug/L	64	2			40	120	20
	4-Chlorophenyl-phenylether	50	33.2	ug/L	66	0			50	110	20
	Fluorene	50	32.9	ug/L	66	4			50	110	20
	4-Nitroaniline	50	32.3	ug/L	65	1			35	120	20
	4,6-Dinitro-2-methylphenol	50	32.1	ug/L	64	15			40	130	20
	N-Nitrosodiphenylamine	50	31.8	ug/L	64	4			50	110	20
	4-Bromophenyl-phenylether	50	32.4	ug/L	65	8			50	115	20
	Hexachlorobenzene	50	32.3	ug/L	65	2			50	110	20
	Atrazine	50	35	ug/L	70	7			61	132	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076044.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80682BSD	Pentachlorophenol	100	62	ug/L	62	0			40	115	20
	Phenanthrene	50	33.3	ug/L	67	1			50	115	20
	Anthracene	50	35.6	ug/L	71	10			55	110	20
	Carbazole	50	32.8	ug/L	66	5			50	115	20
	Di-n-butylphthalate	50	32.5	ug/L	65	6			55	115	20
	Fluoranthene	50	33.5	ug/L	67	4			55	115	20
	Pyrene	50	33.1	ug/L	66	2			50	130	20
	Butylbenzylphthalate	50	30	ug/L	60	1			45	115	20
	3,3-Dichlorobenzidine	50	15.6	ug/L	31	46		*	20	110	20
	Benzo(a)anthracene	50	32.5	ug/L	65	1			55	110	20
	Chrysene	50	33.4	ug/L	67	2			55	110	20
	bis(2-Ethylhexyl)phthalate	50	29.2	ug/L	58	3			40	125	20
	Di-n-octyl phthalate	50	27.3	ug/L	55	6			35	135	20
	Benzo(b)fluoranthene	50	33.2	ug/L	66	4			45	120	20
	Benzo(k)fluoranthene	50	36.2	ug/L	72	18			45	125	20
	Benzo(a)pyrene	50	34.5	ug/L	69	3			55	110	20
	Indeno(1,2,3-cd)pyrene	50	28.3	ug/L	57	4			45	125	20
	Dibenz(a,h)anthracene	50	32.2	ug/L	64	13			40	125	20
	Benzo(g,h,i)perylene	50	32.3	ug/L	65	8			40	125	20
	1,2,4,5-Tetrachlorobenzene	50	31.4	ug/L	63	1	*		70	130	20
	2,3,4,6-Tetrachlorophenol	50	33.6	ug/L	67	1	*		70	130	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB80682BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF076042.D Lab Sample ID: PB80682BL

Instrument ID: BNA_F Date Extracted: 12/04/2014

Matrix: (soil/water) Water Date Analyzed: 12/05/2014

Level: (low/med) LOW Time Analyzed: 18:18

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB80682BS	PB80682BS	BF076043.D	12/05/2014
PB80682BSD	PB80682BSD	BF076044.D	12/05/2014
EB12214	F4956-06	BF076050.D	12/05/2014

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB80695BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF076010.D Lab Sample ID: PB80695BL

Instrument ID: BNA_F Date Extracted: 12/04/2014

Matrix: (soil/water) SOIL Date Analyzed: 12/04/2014

Level: (low/med) LOW Time Analyzed: 20:39

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB80695BS	PB80695BS	BF076011.D	12/04/2014
B-3(2.5-5)MSD	F4956-05MSD	BF076027.D	12/05/2014
B-1(5-7.5)	F4956-01	BF076083.D	12/06/2014
B-4(5-7)	F4956-07	BF076038.D	12/05/2014
FD12214	F4956-08	BF076064.D	12/06/2014
B-2(2.5-5)	F4956-02	BF076084.D	12/06/2014
B-3(2.5-5)	F4956-03	BF076025.D	12/05/2014
B-3(2.5-5)MS	F4956-04MS	BF076026.D	12/05/2014

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF075863.D DFTPP Injection Date: 11/28/2014

Instrument ID: BNA_F DFTPP Injection Time: 10:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	38.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	53.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	21.7
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	94.7
443	15.0 - 24.0% of mass 442	17.4 (18.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF075864.D	11/28/2014	12:08
SSTDICC010	SSTDICC010	BF075865.D	11/28/2014	12:36
SSTDICC025	SSTDICC025	BF075866.D	11/28/2014	13:04
SSTDICCC040	SSTDICCC040	BF075867.D	11/28/2014	13:32
SSTDICC050	SSTDICC050	BF075868.D	11/28/2014	14:01
SSTDICC060	SSTDICC060	BF075869.D	11/28/2014	14:29
SSTDICC080	SSTDICC080	BF075870.D	11/28/2014	14:57

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF075998.D DFTPP Injection Date: 12/04/2014

Instrument ID: BNA_F DFTPP Injection Time: 13:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	96.6
443	15.0 - 24.0% of mass 442	17.6 (18.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF075999.D	12/04/2014	13:38
PB80695BL	PB80695BL	BF076010.D	12/04/2014	20:39
PB80695BS	PB80695BS	BF076011.D	12/04/2014	21:08

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF076014.D DFTPP Injection Date: 12/04/2014

Instrument ID: BNA_F DFTPP Injection Time: 23:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.4
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	21.3
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	95.5
443	15.0 - 24.0% of mass 442	18.2 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076015.D	12/05/2014	00:48
B-3(2.5-5)	F4956-03	BF076025.D	12/05/2014	06:37
B-3(2.5-5)MS	F4956-04MS	BF076026.D	12/05/2014	07:05
B-3(2.5-5)MSD	F4956-05MSD	BF076027.D	12/05/2014	07:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF076029.D DFTPP Injection Date: 12/05/2014

Instrument ID: BNA_F DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.9
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	83.3
443	15.0 - 24.0% of mass 442	16.5 (19.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076030.D	12/05/2014	12:27
B-4(5-7)	F4956-07	BF076038.D	12/05/2014	16:25
PB80682BL	PB80682BL	BF076042.D	12/05/2014	18:18
PB80682BS	PB80682BS	BF076043.D	12/05/2014	18:46
PB80682BSD	PB80682BSD	BF076044.D	12/05/2014	19:14
EB12214	F4956-06	BF076050.D	12/05/2014	22:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF076052.D DFTPP Injection Date: 12/05/2014

Instrument ID: BNA_F DFTPP Injection Time: 23:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.1
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	38.8
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	22.6
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	90.6
443	15.0 - 24.0% of mass 442	15.7 (17.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076053.D	12/06/2014	00:54
FD12214	F4956-08	BF076064.D	12/06/2014	06:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F4956 SDG NO.: F4956

Lab File ID: BF076075.D DFTPP Injection Date: 12/06/2014

Instrument ID: BNA_F DFTPP Injection Time: 12:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.6
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	48.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	1.9
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	90
443	15.0 - 24.0% of mass 442	17 (18.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076076.D	12/06/2014	14:17
B-1(5-7.5)	F4956-01	BF076083.D	12/06/2014	17:36
B-2(2.5-5)	F4956-02	BF076084.D	12/06/2014	18:04

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/04/2014

Lab File ID: BF075999.D Time Analyzed: 13:38

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	50579	7.4	222753	8.97	120681	11.14
	UPPER LIMIT	101158	7.9	445506	9.47	241362	11.64
	LOWER LIMIT	25289.5	6.9	111377	8.47	60340.5	10.64
	EPA SAMPLE NO.						
01	PB80695BL	74341	7.40	322381	8.97	176641	11.15
02	PB80695BS	85263	7.40	357572	8.97	201993	11.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/04/2014

Lab File ID: BF075999.D Time Analyzed: 13:38

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	213280	12.99	192543	16.29	186649	18.08
	UPPER LIMIT	426560	13.49	385086	16.79	373298	18.58
	LOWER LIMIT	106640	12.49	96271.5	15.79	93324.5	17.58
	EPA SAMPLE NO.						
01	PB80695BL	311227	12.99	300215	16.28	270234	18.04
02	PB80695BS	351902	12.99	333166	16.28	306942	18.01

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/05/2014

Lab File ID: BF076015.D Time Analyzed: 00:48

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	63727	7.4	260758	8.97	140843	11.15
	UPPER LIMIT	127454	7.9	521516	9.47	281686	11.65
	LOWER LIMIT	31863.5	6.9	130379	8.47	70421.5	10.65
	EPA SAMPLE NO.						
01	B-3(2.5-5)	75352	7.40	300657	8.97	159014	11.14
02	B-3(2.5-5)MS	80516	7.40	330145	8.97	184550	11.14
03	B-3(2.5-5)MSD	85259	7.40	345346	8.97	186301	11.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/05/2014

Lab File ID: BF076015.D Time Analyzed: 00:48

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	230041	12.99	231681	16.27	222898	17.98
	UPPER LIMIT	460082	13.49	463362	16.77	445796	18.48
	LOWER LIMIT	115021	12.49	115841	15.77	111449	17.48
	EPA SAMPLE NO.						
01	B-3(2.5-5)	270742	12.99	257334	16.28	261125	18.05
02	B-3(2.5-5)MS	310933	12.99	295401	16.28	290327	18.05
03	B-3(2.5-5)MSD	299879	12.99	274458	16.28	274651	18.01

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/05/2014

Lab File ID: BF076030.D Time Analyzed: 12:27

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	66286	7.34	297320	8.92	155706	11.09
	UPPER LIMIT	132572	7.84	594640	9.42	311412	11.59
	LOWER LIMIT	33143	6.84	148660	8.42	77853	10.59
	EPA SAMPLE NO.						
01	EB12214	72350	7.34	298162	8.92	160147	11.09
02	B-4(5-7)	80662	7.34	331750	8.92	168156	11.09
03	PB80682BS	77007	7.34	330611	8.92	188813	11.09
04	PB80682BSD	82408	7.34	348590	8.92	192231	11.09
05	PB80682BL	75244	7.34	305655	8.92	171507	11.09

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/05/2014

Lab File ID: BF076030.D Time Analyzed: 12:27

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	239507	12.93	230996	16.23	211011	18.04
	UPPER LIMIT	479014	13.43	461992	16.73	422022	18.54
	LOWER LIMIT	119754	12.43	115498	15.73	105506	17.54
	EPA SAMPLE NO.						
01	EB12214	262680	12.93	249930	16.21	226883	17.96
02	B-4(5-7)	256497	12.93	251555	16.22	239532	18.00
03	PB80682BS	293278	12.93	271189	16.21	239983	17.96
04	PB80682BSD	306957	12.93	321113	16.22	273110	17.99
05	PB80682BL	278915	12.93	272403	16.21	248364	17.96

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/06/2014

Lab File ID: BF076053.D Time Analyzed: 00:54

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	58655	7.34	256053	8.92	135641	11.09
	UPPER LIMIT	117310	7.84	512106	9.42	271282	11.59
	LOWER LIMIT	29327.5	6.84	128027	8.42	67820.5	10.59
	EPA SAMPLE NO.						
01	FD12214	74102	7.34	304525	8.92	157415	11.09

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/06/2014

Lab File ID: BF076053.D Time Analyzed: 00:54

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	221863	12.93	209804	16.21	191898	17.89
	UPPER LIMIT	443726	13.43	419608	16.71	383796	18.39
	LOWER LIMIT	110932	12.43	104902	15.71	95949	17.39
	EPA SAMPLE NO.						
01	FD12214	244711	12.93	246630	16.20	224858	17.91

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/06/2014

Lab File ID: BF076076.D Time Analyzed: 14:17

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	64631	7.34	275797	8.92	146576	11.09
	UPPER LIMIT	129262	7.84	551594	9.42	293152	11.59
	LOWER LIMIT	32315.5	6.84	137899	8.42	73288	10.59
	EPA SAMPLE NO.						
01	B-1(5-7.5)	71595	7.34	299769	8.92	163475	11.09
02	B-2(2.5-5)	77841	7.34	321070	8.92	175513	11.09

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/06/2014

Lab File ID: BF076076.D Time Analyzed: 14:17

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	241858	12.93	229076	16.21	199010	17.9
	UPPER LIMIT	483716	13.43	458152	16.71	398020	18.4
	LOWER LIMIT	120929	12.43	114538	15.71	99505	17.4
	EPA SAMPLE NO.						
01	B-1(5-7.5)	272021	12.93	256349	16.21	242251	17.89
02	B-2(2.5-5)	274443	12.93	238382	16.21	220157	17.88

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BL	SDG No.:	F4956
Lab Sample ID:	PB80682BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076042.D	1	12/04/14 08:00	12/05/14 18:18	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	10	U	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BL	SDG No.:	F4956
Lab Sample ID:	PB80682BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076042.D	1	12/04/14 08:00	12/05/14 18:18	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BL	SDG No.:	F4956
Lab Sample ID:	PB80682BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076042.D	1	12/04/14 08:00	12/05/14 18:18	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		20 - 110		73%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 160		73%	SPK: 150
4165-60-0	Nitrobenzene-d5	72		40 - 110		72%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.2		50 - 110		72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	96.1		40 - 125		64%	SPK: 150
1718-51-0	Terphenyl-d14	63		50 - 135		63%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75244	7.34				
1146-65-2	Naphthalene-d8	305655	8.92				
15067-26-2	Acenaphthene-d10	171507	11.09				
1517-22-2	Phenanthrene-d10	278915	12.93				
1719-03-5	Chrysene-d12	272403	16.21				
1520-96-3	Perylene-d12	248364	17.96				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown1.43	180	J			1.43	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	30.8	A			5.1	ug/L
	unknown7.04	82.8	J			7.04	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80695BL	SDG No.:	F4956
Lab Sample ID:	PB80695BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076010.D	1	12/04/14 08:00	12/04/14 20:39	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	330	U	17.4	33.3	330	ug/Kg
108-95-2	Phenol	330	U	7.7	33.3	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	330	U	16	33.3	330	ug/Kg
95-57-8	2-Chlorophenol	330	U	17.6	33.3	330	ug/Kg
95-48-7	2-Methylphenol	330	U	18.1	33.3	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	13.8	33.3	330	ug/Kg
98-86-2	Acetophenone	330	U	10.2	33.3	330	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	17.3	33.3	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	330	U	16.8	33.3	330	ug/Kg
67-72-1	Hexachloroethane	330	U	14.9	33.3	330	ug/Kg
98-95-3	Nitrobenzene	330	U	12.6	33.3	330	ug/Kg
78-59-1	Isophorone	330	U	11	33.3	330	ug/Kg
88-75-5	2-Nitrophenol	330	U	16.1	33.3	330	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	18.9	33.3	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	330	U	19.2	33.3	330	ug/Kg
120-83-2	2,4-Dichlorophenol	330	U	12.7	33.3	330	ug/Kg
91-20-3	Naphthalene	330	U	11.5	33.3	330	ug/Kg
106-47-8	4-Chloroaniline	330	U	23.5	33.3	330	ug/Kg
87-68-3	Hexachlorobutadiene	330	U	12.1	33.3	330	ug/Kg
105-60-2	Caprolactam	330	U	15.5	66.6	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	330	U	14.8	33.3	330	ug/Kg
91-57-6	2-Methylnaphthalene	330	U	8.4	33.3	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	8.1	33.3	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	330	U	10.2	33.3	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	330	U	23.4	33.3	330	ug/Kg
92-52-4	1,1-Biphenyl	330	U	12.6	33.3	330	ug/Kg
91-58-7	2-Chloronaphthalene	330	U	7.6	33.3	330	ug/Kg
88-74-4	2-Nitroaniline	330	U	14.8	33.3	330	ug/Kg
131-11-3	Dimethylphthalate	330	U	9	33.3	330	ug/Kg
208-96-8	Acenaphthylene	330	U	8.4	33.3	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	330	U	13.6	33.3	330	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80695BL	SDG No.:	F4956
Lab Sample ID:	PB80695BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076010.D	1	12/04/14 08:00	12/04/14 20:39	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	330	U	21.4	66.6	330	ug/Kg
83-32-9	Acenaphthene	330	U	9.4	33.3	330	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	33.9	270	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	61.9	170	330	ug/Kg
132-64-9	Dibenzofuran	330	U	13	33.3	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	330	U	10	33.3	330	ug/Kg
84-66-2	Diethylphthalate	330	U	5.2	33.3	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	330	U	18.1	33.3	330	ug/Kg
86-73-7	Fluorene	330	U	12.6	33.3	330	ug/Kg
100-01-6	4-Nitroaniline	330	U	43.4	66.6	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	19.1	170	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	330	U	8	33.3	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	6.5	33.3	330	ug/Kg
118-74-1	Hexachlorobenzene	330	U	13.6	33.3	330	ug/Kg
1912-24-9	Atrazine	330	U	17.6	33.3	330	ug/Kg
87-86-5	Pentachlorophenol	330	U	22.8	33.3	330	ug/Kg
85-01-8	Phenanthrene	330	U	9	33.3	330	ug/Kg
120-12-7	Anthracene	330	U	6.8	33.3	330	ug/Kg
86-74-8	Carbazole	330	U	7.3	33.3	330	ug/Kg
84-74-2	Di-n-butylphthalate	330	U	26.2	33.3	330	ug/Kg
206-44-0	Fluoranthene	330	U	6.7	33.3	330	ug/Kg
129-00-0	Pyrene	330	U	8	33.3	330	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	16	33.3	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	21.4	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	330	U	15.9	33.3	330	ug/Kg
218-01-9	Chrysene	330	U	15.1	33.3	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	11.8	33.3	330	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	3.8	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	U	10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	U	15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	330	U	7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	9.6	33.3	330	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80695BL	SDG No.:	F4956
Lab Sample ID:	PB80695BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076010.D	1	12/04/14 08:00	12/04/14 20:39	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	330	U	13.5	33.3	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	13.1	33.3	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	13.1	33.3	330	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		73%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	66.7		31 - 132		67%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		39 - 123		71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		74%	SPK: 150
1718-51-0	Terphenyl-d14	63.1		37 - 115		63%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74341	7.4				
1146-65-2	Naphthalene-d8	322381	8.97				
15067-26-2	Acenaphthene-d10	176641	11.15				
1517-22-2	Phenanthrene-d10	311227	12.99				
1719-03-5	Chrysene-d12	300215	16.28				
1520-96-3	Perylene-d12	270234	18.04				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown1.32	210	J			1.32	ug/Kg
000077-76-9	Propane, 2,2-dimethoxy-	5200	J			1.48	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	940	A			5.17	ug/Kg
	unknown7.10	2600	J			7.1	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BS	SDG No.:	F4956
Lab Sample ID:	PB80682BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076043.D	1	12/04/14 08:00	12/05/14 18:46	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	5.5	J	0.77	1	10	ug/L
108-95-2	Phenol	31.4		0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	32.6		0.55	1	10	ug/L
95-57-8	2-Chlorophenol	32.5		0.54	1	10	ug/L
95-48-7	2-Methylphenol	31.6		0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31.1		0.17	1	10	ug/L
98-86-2	Acetophenone	31.7		0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	32.3		0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	33.1		0.2	1	10	ug/L
67-72-1	Hexachloroethane	33.9		0.25	1	10	ug/L
98-95-3	Nitrobenzene	31.1		0.68	1	10	ug/L
78-59-1	Isophorone	30.9		0.3	1	10	ug/L
88-75-5	2-Nitrophenol	32.3		0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	30.9		0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	33.1		0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	32.2		0.66	1	10	ug/L
91-20-3	Naphthalene	33.7		0.12	1	10	ug/L
106-47-8	4-Chloroaniline	12.5		1	1	10	ug/L
87-68-3	Hexachlorobutadiene	32.9		0.25	1	10	ug/L
105-60-2	Caprolactam	32.2		1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32.2		0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	32.7		0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	66.2		0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30.5		0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	29.9		0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	27.5		0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	32.2		0.16	1	10	ug/L
88-74-4	2-Nitroaniline	29.5		0.49	1	10	ug/L
131-11-3	Dimethylphthalate	29.2		0.22	1	10	ug/L
208-96-8	Acenaphthylene	32		0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	32.3		0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BS	SDG No.:	F4956
Lab Sample ID:	PB80682BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076043.D	1	12/04/14 08:00	12/05/14 18:46	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	18.8		1	1	10	ug/L
83-32-9	Acenaphthene	30.9		0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	56.2		2.1	8	10	ug/L
100-02-7	4-Nitrophenol	61.4		2	5	10	ug/L
132-64-9	Dibenzofuran	30.8		0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	34.5		1	1	10	ug/L
84-66-2	Diethylphthalate	30.9		0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32.8		0.21	1	10	ug/L
86-73-7	Fluorene	31.8		0.31	1	10	ug/L
100-01-6	4-Nitroaniline	28.8		1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31.8		0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	31.5		0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	31.7		0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	31.5		0.18	1	10	ug/L
1912-24-9	Atrazine	32.8		0.4	1	10	ug/L
87-86-5	Pentachlorophenol	58.7		1	1	10	ug/L
85-01-8	Phenanthrene	32.7		0.26	1	10	ug/L
120-12-7	Anthracene	34		0.16	1	10	ug/L
86-74-8	Carbazole	32.2		0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	30.4		1	1	10	ug/L
206-44-0	Fluoranthene	31.1		0.4	1	10	ug/L
129-00-0	Pyrene	35.4		0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	30.6		0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	16		1	1	10	ug/L
56-55-3	Benzo(a)anthracene	33.6		0.16	1	10	ug/L
218-01-9	Chrysene	35.1		0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.5		0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	27.3		0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	34.1		0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	34.5		0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	33.5		0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29.9		0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	32.4		0.42	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BS	SDG No.:	F4956
Lab Sample ID:	PB80682BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076043.D	1	12/04/14 08:00	12/05/14 18:46	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	32.1		0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30.9		0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31.3		0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	100		20 - 110		69%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 160		74%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.1		40 - 110		64%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.3		50 - 110		64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	90.8		40 - 125		61%	SPK: 150
1718-51-0	Terphenyl-d14	59.2		50 - 135		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77007	7.34				
1146-65-2	Naphthalene-d8	330611	8.92				
15067-26-2	Acenaphthene-d10	188813	11.09				
1517-22-2	Phenanthrene-d10	293278	12.93				
1719-03-5	Chrysene-d12	271189	16.21				
1520-96-3	Perylene-d12	239983	17.96				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80695BS	SDG No.:	F4956
Lab Sample ID:	PB80695BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076011.D	1	12/04/14 08:00	12/04/14 21:08	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	160	J	17.4	33.3	330	ug/Kg
108-95-2	Phenol	950		7.7	33.3	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		16	33.3	330	ug/Kg
95-57-8	2-Chlorophenol	1000		17.6	33.3	330	ug/Kg
95-48-7	2-Methylphenol	1000		18.1	33.3	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		13.8	33.3	330	ug/Kg
98-86-2	Acetophenone	1000		10.2	33.3	330	ug/Kg
65794-96-9	3+4-Methylphenols	1000		17.3	33.3	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		16.8	33.3	330	ug/Kg
67-72-1	Hexachloroethane	1000		14.9	33.3	330	ug/Kg
98-95-3	Nitrobenzene	1100		12.6	33.3	330	ug/Kg
78-59-1	Isophorone	1100		11	33.3	330	ug/Kg
88-75-5	2-Nitrophenol	1100		16.1	33.3	330	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		18.9	33.3	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		19.2	33.3	330	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		12.7	33.3	330	ug/Kg
91-20-3	Naphthalene	1100		11.5	33.3	330	ug/Kg
106-47-8	4-Chloroaniline	540		23.5	33.3	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		12.1	33.3	330	ug/Kg
105-60-2	Caprolactam	1200		15.5	66.6	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		14.8	33.3	330	ug/Kg
91-57-6	2-Methylnaphthalene	1100		8.4	33.3	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900		8.1	33.3	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		10.2	33.3	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		23.4	33.3	330	ug/Kg
92-52-4	1,1-Biphenyl	960		12.6	33.3	330	ug/Kg
91-58-7	2-Chloronaphthalene	1100		7.6	33.3	330	ug/Kg
88-74-4	2-Nitroaniline	1100		14.8	33.3	330	ug/Kg
131-11-3	Dimethylphthalate	1100		9	33.3	330	ug/Kg
208-96-8	Acenaphthylene	1100		8.4	33.3	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		13.6	33.3	330	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80695BS	SDG No.:	F4956
Lab Sample ID:	PB80695BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076011.D	1	12/04/14 08:00	12/04/14 21:08	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	760		21.4	66.6	330	ug/Kg
83-32-9	Acenaphthene	1100		9.4	33.3	330	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		33.9	270	330	ug/Kg
100-02-7	4-Nitrophenol	2400		61.9	170	330	ug/Kg
132-64-9	Dibenzofuran	1100		13	33.3	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		10	33.3	330	ug/Kg
84-66-2	Diethylphthalate	1100		5.2	33.3	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		18.1	33.3	330	ug/Kg
86-73-7	Fluorene	1100		12.6	33.3	330	ug/Kg
100-01-6	4-Nitroaniline	1100		43.4	66.6	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		19.1	170	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		8	33.3	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		6.5	33.3	330	ug/Kg
118-74-1	Hexachlorobenzene	1100		13.6	33.3	330	ug/Kg
1912-24-9	Atrazine	1100		17.6	33.3	330	ug/Kg
87-86-5	Pentachlorophenol	2100		22.8	33.3	330	ug/Kg
85-01-8	Phenanthrene	1100		9	33.3	330	ug/Kg
120-12-7	Anthracene	1100		6.8	33.3	330	ug/Kg
86-74-8	Carbazole	1000		7.3	33.3	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		26.2	33.3	330	ug/Kg
206-44-0	Fluoranthene	1100		6.7	33.3	330	ug/Kg
129-00-0	Pyrene	1100		8	33.3	330	ug/Kg
85-68-7	Butylbenzylphthalate	1100		16	33.3	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600		21.4	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.9	33.3	330	ug/Kg
218-01-9	Chrysene	1100		15.1	33.3	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		11.8	33.3	330	ug/Kg
117-84-0	Di-n-octyl phthalate	920		3.8	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	1100		7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		9.6	33.3	330	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80695BS	SDG No.:	F4956
Lab Sample ID:	PB80695BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076011.D	1	12/04/14 08:00	12/04/14 21:08	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1000		13.5	33.3	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		13.1	33.3	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		13.1	33.3	330	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100		28 - 127		70%	SPK: 150
13127-88-3	Phenol-d6	110		34 - 127		73%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.4		31 - 132		72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.7		39 - 123		71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		77%	SPK: 150
1718-51-0	Terphenyl-d14	63.2		37 - 115		63%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85263	7.4				
1146-65-2	Naphthalene-d8	357572	8.97				
15067-26-2	Acenaphthene-d10	201993	11.14				
1517-22-2	Phenanthrene-d10	351902	12.99				
1719-03-5	Chrysene-d12	333166	16.28				
1520-96-3	Perylene-d12	306942	18.01				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BSD	SDG No.:	F4956
Lab Sample ID:	PB80682BSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076044.D	1	12/04/14 08:00	12/05/14 19:14	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	4.8	J	0.77	1	10	ug/L
108-95-2	Phenol	30.2		0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	32.9		0.55	1	10	ug/L
95-57-8	2-Chlorophenol	31.7		0.54	1	10	ug/L
95-48-7	2-Methylphenol	32		0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29.8		0.17	1	10	ug/L
98-86-2	Acetophenone	31		0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	31.8		0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	32.1		0.2	1	10	ug/L
67-72-1	Hexachloroethane	32.2		0.25	1	10	ug/L
98-95-3	Nitrobenzene	30.4		0.68	1	10	ug/L
78-59-1	Isophorone	31.3		0.3	1	10	ug/L
88-75-5	2-Nitrophenol	31.9		0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	31.2		0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	33.4		0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	32.3		0.66	1	10	ug/L
91-20-3	Naphthalene	33.6		0.12	1	10	ug/L
106-47-8	4-Chloroaniline	13.2		1	1	10	ug/L
87-68-3	Hexachlorobutadiene	33		0.25	1	10	ug/L
105-60-2	Caprolactam	33		1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32.1		0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	32.8		0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	67.6		0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32.4		0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	31.4		0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	29		0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	32.9		0.16	1	10	ug/L
88-74-4	2-Nitroaniline	32.7		0.49	1	10	ug/L
131-11-3	Dimethylphthalate	31.4		0.22	1	10	ug/L
208-96-8	Acenaphthylene	33.1		0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	34.5		0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BSD	SDG No.:	F4956
Lab Sample ID:	PB80682BSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076044.D	1	12/04/14 08:00	12/05/14 19:14	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	19.7		1	1	10	ug/L
83-32-9	Acenaphthene	32		0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	59.1		2.1	8	10	ug/L
100-02-7	4-Nitrophenol	66.3		2	5	10	ug/L
132-64-9	Dibenzofuran	31.9		0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	34.9		1	1	10	ug/L
84-66-2	Diethylphthalate	32.1		0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33.2		0.21	1	10	ug/L
86-73-7	Fluorene	32.9		0.31	1	10	ug/L
100-01-6	4-Nitroaniline	32.3		1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32.1		0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	31.8		0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	32.4		0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	32.3		0.18	1	10	ug/L
1912-24-9	Atrazine	35		0.4	1	10	ug/L
87-86-5	Pentachlorophenol	62		1	1	10	ug/L
85-01-8	Phenanthrene	33.3		0.26	1	10	ug/L
120-12-7	Anthracene	35.6		0.16	1	10	ug/L
86-74-8	Carbazole	32.8		0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	32.5		1	1	10	ug/L
206-44-0	Fluoranthene	33.5		0.4	1	10	ug/L
129-00-0	Pyrene	33.1		0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	30		0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	15.6		1	1	10	ug/L
56-55-3	Benzo(a)anthracene	32.5		0.16	1	10	ug/L
218-01-9	Chrysene	33.4		0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.2		0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	27.3		0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	33.2		0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	36.2		0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	34.5		0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28.3		0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	32.2		0.42	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80682BSD	SDG No.:	F4956
Lab Sample ID:	PB80682BSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076044.D	1	12/04/14 08:00	12/05/14 19:14	PB80682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	32.3		0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31.4		0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	33.6		0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		20 - 110		74%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 160		76%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.5		40 - 110		68%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.9		50 - 110		73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		40 - 125		67%	SPK: 150
1718-51-0	Terphenyl-d14	57.7		50 - 135		58%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82408	7.34				
1146-65-2	Naphthalene-d8	348590	8.92				
15067-26-2	Acenaphthene-d10	192231	11.09				
1517-22-2	Phenanthrene-d10	306957	12.93				
1719-03-5	Chrysene-d12	321113	16.22				
1520-96-3	Perylene-d12	273110	17.99				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076026.D	1	12/04/14 08:00	12/05/14 07:05	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	230	J	20.1	38.5	380	ug/Kg
108-95-2	Phenol	1200		8.9	38.5	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		18.5	38.5	380	ug/Kg
95-57-8	2-Chlorophenol	1300		20.3	38.5	380	ug/Kg
95-48-7	2-Methylphenol	1300		20.9	38.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		15.9	38.5	380	ug/Kg
98-86-2	Acetophenone	1300		11.8	38.5	380	ug/Kg
65794-96-9	3+4-Methylphenols	1300		20	38.5	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		19.4	38.5	380	ug/Kg
67-72-1	Hexachloroethane	1400		17.2	38.5	380	ug/Kg
98-95-3	Nitrobenzene	1400		14.6	38.5	380	ug/Kg
78-59-1	Isophorone	1400		12.7	38.5	380	ug/Kg
88-75-5	2-Nitrophenol	1400		18.6	38.5	380	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		21.8	38.5	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		22.2	38.5	380	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		14.7	38.5	380	ug/Kg
91-20-3	Naphthalene	1400		13.3	38.5	380	ug/Kg
106-47-8	4-Chloroaniline	530		27.2	38.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	1400		14	38.5	380	ug/Kg
105-60-2	Caprolactam	1400		17.9	77	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		17.1	38.5	380	ug/Kg
91-57-6	2-Methylnaphthalene	1400		9.7	38.5	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100		9.4	38.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		11.8	38.5	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		27	38.5	380	ug/Kg
92-52-4	1,1-Biphenyl	1200		14.6	38.5	380	ug/Kg
91-58-7	2-Chloronaphthalene	1400		8.8	38.5	380	ug/Kg
88-74-4	2-Nitroaniline	1400		17.1	38.5	380	ug/Kg
131-11-3	Dimethylphthalate	1500		10.4	38.5	380	ug/Kg
208-96-8	Acenaphthylene	1400		9.7	38.5	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		15.7	38.5	380	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076026.D	1	12/04/14 08:00	12/05/14 07:05	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	980		24.7	77	380	ug/Kg
83-32-9	Acenaphthene	1400		10.9	38.5	380	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		39.2	310	380	ug/Kg
100-02-7	4-Nitrophenol	2700		71.5	190	380	ug/Kg
132-64-9	Dibenzofuran	1400		15	38.5	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		11.6	38.5	380	ug/Kg
84-66-2	Diethylphthalate	1400		6	38.5	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		20.9	38.5	380	ug/Kg
86-73-7	Fluorene	1500		14.6	38.5	380	ug/Kg
100-01-6	4-Nitroaniline	1200		50.1	77	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		22.1	190	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		9.2	38.5	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		7.5	38.5	380	ug/Kg
118-74-1	Hexachlorobenzene	1400		15.7	38.5	380	ug/Kg
1912-24-9	Atrazine	1400		20.3	38.5	380	ug/Kg
87-86-5	Pentachlorophenol	2500		26.3	38.5	380	ug/Kg
85-01-8	Phenanthrene	1500		10.4	38.5	380	ug/Kg
120-12-7	Anthracene	1400		7.9	38.5	380	ug/Kg
86-74-8	Carbazole	1300		8.4	38.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	1300		30.3	38.5	380	ug/Kg
206-44-0	Fluoranthene	1400		7.7	38.5	380	ug/Kg
129-00-0	Pyrene	1500		9.2	38.5	380	ug/Kg
85-68-7	Butylbenzylphthalate	1300		18.5	38.5	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		24.7	38.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	1400		18.4	38.5	380	ug/Kg
218-01-9	Chrysene	1400		17.4	38.5	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		13.6	38.5	380	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		4.4	38.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		12.6	38.5	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		18.1	38.5	380	ug/Kg
50-32-8	Benzo(a)pyrene	1400		8.3	38.5	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		12.8	38.5	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		11.1	38.5	380	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076026.D	1	12/04/14 08:00	12/05/14 07:05	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1200		15.6	38.5	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		15.1	38.5	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		15.1	38.5	380	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		78%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		79%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.1		31 - 132		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	77		39 - 123		77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		85%	SPK: 150
1718-51-0	Terphenyl-d14	66.9		37 - 115		67%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80516	7.4				
1146-65-2	Naphthalene-d8	330145	8.97				
15067-26-2	Acenaphthene-d10	184550	11.14				
1517-22-2	Phenanthrene-d10	310933	12.99				
1719-03-5	Chrysene-d12	295401	16.28				
1520-96-3	Perylene-d12	290327	18.05				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076027.D	1	12/04/14 08:00	12/05/14 07:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	230	J	20.1	38.5	380	ug/Kg
108-95-2	Phenol	1100		8.9	38.5	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		18.5	38.5	380	ug/Kg
95-57-8	2-Chlorophenol	1200		20.3	38.5	380	ug/Kg
95-48-7	2-Methylphenol	1100		20.9	38.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		15.9	38.5	380	ug/Kg
98-86-2	Acetophenone	1200		11.8	38.5	380	ug/Kg
65794-96-9	3+4-Methylphenols	1200		20	38.5	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		19.4	38.5	380	ug/Kg
67-72-1	Hexachloroethane	1300		17.2	38.5	380	ug/Kg
98-95-3	Nitrobenzene	1300		14.5	38.5	380	ug/Kg
78-59-1	Isophorone	1200		12.7	38.5	380	ug/Kg
88-75-5	2-Nitrophenol	1300		18.6	38.5	380	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		21.8	38.5	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		22.2	38.5	380	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		14.7	38.5	380	ug/Kg
91-20-3	Naphthalene	1300		13.3	38.5	380	ug/Kg
106-47-8	4-Chloroaniline	360	J	27.1	38.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	1300		14	38.5	380	ug/Kg
105-60-2	Caprolactam	1300		17.9	76.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		17.1	38.5	380	ug/Kg
91-57-6	2-Methylnaphthalene	1300		9.7	38.5	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		9.3	38.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		11.8	38.5	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		27	38.5	380	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	38.5	380	ug/Kg
91-58-7	2-Chloronaphthalene	1200		8.8	38.5	380	ug/Kg
88-74-4	2-Nitroaniline	1200		17.1	38.5	380	ug/Kg
131-11-3	Dimethylphthalate	1300		10.4	38.5	380	ug/Kg
208-96-8	Acenaphthylene	1300		9.7	38.5	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		15.7	38.5	380	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076027.D	1	12/04/14 08:00	12/05/14 07:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	750		24.7	76.9	380	ug/Kg
83-32-9	Acenaphthene	1200		10.8	38.5	380	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		39.1	310	380	ug/Kg
100-02-7	4-Nitrophenol	2500		71.4	190	380	ug/Kg
132-64-9	Dibenzofuran	1200		15	38.5	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		11.5	38.5	380	ug/Kg
84-66-2	Diethylphthalate	1200		6	38.5	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20.9	38.5	380	ug/Kg
86-73-7	Fluorene	1200		14.5	38.5	380	ug/Kg
100-01-6	4-Nitroaniline	1000		50.1	76.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	800		22	190	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		9.2	38.5	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		7.5	38.5	380	ug/Kg
118-74-1	Hexachlorobenzene	1200		15.7	38.5	380	ug/Kg
1912-24-9	Atrazine	1200		20.3	38.5	380	ug/Kg
87-86-5	Pentachlorophenol	2300		26.3	38.5	380	ug/Kg
85-01-8	Phenanthrene	1300		10.4	38.5	380	ug/Kg
120-12-7	Anthracene	1200		7.8	38.5	380	ug/Kg
86-74-8	Carbazole	1200		8.4	38.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	1100		30.2	38.5	380	ug/Kg
206-44-0	Fluoranthene	1300		7.7	38.5	380	ug/Kg
129-00-0	Pyrene	1400		9.2	38.5	380	ug/Kg
85-68-7	Butylbenzylphthalate	1100		18.5	38.5	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		24.7	38.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		18.3	38.5	380	ug/Kg
218-01-9	Chrysene	1300		17.4	38.5	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		13.6	38.5	380	ug/Kg
117-84-0	Di-n-octyl phthalate	970		4.4	38.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		12.6	38.5	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		18.1	38.5	380	ug/Kg
50-32-8	Benzo(a)pyrene	1200		8.3	38.5	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		12.8	38.5	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		11.1	38.5	380	ug/Kg

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	13.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076027.D	1	12/04/14 08:00	12/05/14 07:33	PB80695

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1100		15.6	38.5	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		15.1	38.5	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		15.1	38.5	380	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		70%	SPK: 150
13127-88-3	Phenol-d6	110		34 - 127		70%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		31 - 132		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.1		39 - 123		68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		73%	SPK: 150
1718-51-0	Terphenyl-d14	57.3		37 - 115		57%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85259	7.4				
1146-65-2	Naphthalene-d8	345346	8.97				
15067-26-2	Acenaphthene-d10	186301	11.14				
1517-22-2	Phenanthrene-d10	299879	12.99				
1719-03-5	Chrysene-d12	274458	16.28				
1520-96-3	Perylene-d12	274651	18.01				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date(s): 11/28/2014 11/28/2014

Calibration Time(s): 12:08 14:57

LAB FILE ID: RRF2.5 = BF075864.D RRF010 = BF075865.D RRF025 = BF075866.D
RRF040 = BF075867.D RRF050 = BF075868.D RRF060 = BF075869.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	0.706	0.563	0.624	0.583	0.596	0.593	0.604	8.1
Benzaldehyde	1.422	1.035	1.144	0.944	0.891	0.841	0.995	23.8
Phenol-d6	0.860	0.684	0.777	0.694	0.700	0.687	0.725	9.5
Phenol	2.400	1.739	1.874	1.701	1.720	1.795	1.859	13.2
bis(2-Chloroethyl)ether	1.680	1.287	1.361	1.211	1.198	1.196	1.301	13.8
2-Chlorophenol	1.637	1.328	1.471	1.308	1.334	1.344	1.382	9.4
2-Methylphenol	1.330	1.048	1.135	1.056	1.079	1.107	1.120	8.7
2,2-oxybis(1-Chloropropane)	2.530	1.915	2.071	1.833	1.897	1.864	1.985	12.9
Acetophenone	0.541	0.454	0.478	0.452	0.427	0.437	0.458	9.2
3+4-Methylphenols	1.826	1.361	1.548	1.381	1.438	1.413	1.478	11.2
n-Nitroso-di-n-propylamine	1.155	0.901	1.024	0.942	0.973	0.987	0.982	9.2
Nitrobenzene-d5	0.185	0.143	0.163	0.152	0.147	0.152	0.155	9.4
Hexachloroethane	0.615	0.500	0.554	0.508	0.524	0.522	0.532	7.7
Nitrobenzene	0.427	0.339	0.362	0.343	0.327	0.346	0.356	9.3
Isophorone	0.774	0.629	0.667	0.627	0.627	0.662	0.662	7.9
2-Nitrophenol	0.168	0.155	0.174	0.176	0.174	0.185	0.172	5.3
2,4-Dimethylphenol	0.370	0.261	0.297	0.286	0.276	0.295	0.296	11.8
bis(2-Chloroethoxy)methane	0.452	0.353	0.408	0.387	0.383	0.403	0.396	7.6
2,4-Dichlorophenol	0.326	0.245	0.277	0.260	0.250	0.265	0.269	10.2
Naphthalene	1.242	0.953	1.010	0.930	0.904	0.947	0.983	12.3
4-Chloroaniline	0.465	0.395	0.421	0.395	0.379	0.405	0.407	7.0
Hexachlorobutadiene	0.198	0.152	0.168	0.162	0.154	0.162	0.164	9.8
Caprolactam	0.095	0.073	0.085	0.076	0.079	0.085	0.082	9.3
4-Chloro-3-methylphenol	0.328	0.283	0.281	0.270	0.271	0.287	0.286	6.8
2-Methylnaphthalene	0.827	0.650	0.684	0.638	0.620	0.648	0.669	11.0
Hexachlorocyclopentadiene	0.288	0.251	0.304	0.272	0.276	0.290	0.281	6.0
2,4,6-Trichlorophenol	0.426	0.305	0.362	0.339	0.347	0.368	0.357	10.2
2-Fluorobiphenyl	0.771	0.607	0.641	0.580	0.585	0.609	0.627	10.6
2,4,5-Trichlorophenol	0.413	0.356	0.416	0.368	0.370	0.392	0.381	6.7
1,1-Biphenyl	1.918	1.479	1.599	1.415	1.401	1.432	1.516	12.7
2-Chloronaphthalene	1.476	1.197	1.275	1.142	1.133	1.170	1.217	10.3
2-Nitroaniline	0.364	0.341	0.401	0.354	0.370	0.369	0.364	5.5
Dimethylphthalate	1.767	1.428	1.547	1.428	1.443	1.434	1.485	9.3
Acenaphthylene	2.317	1.902	2.035	1.784	1.860	1.926	1.944	9.5
2,6-Dinitrotoluene	0.272	0.274	0.325	0.292	0.295	0.300	0.292	6.1
3-Nitroaniline	0.427	0.321	0.361	0.339	0.368	0.383	0.365	9.4

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date(s): 11/28/2014 11/28/2014

Calibration Time(s): 12:08 14:57

LAB FILE ID: RRF2.5 = BF075864.D RRF010 = BF075865.D RRF025 = BF075866.D
RRF040 = BF075867.D RRF050 = BF075868.D RRF060 = BF075869.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
Acenaphthene	1.331	1.051	1.154	1.040	1.063	1.094	1.113	9.3
2,4-Dinitrophenol		0.099	0.154	0.153	0.161	0.167	0.150	16.9
4-Nitrophenol	0.295	0.237	0.283	0.276	0.289	0.281	0.274	7.4
Dibenzofuran	2.094	1.576	1.731	1.530	1.530	1.592	1.658	12.3
2,4-Dinitrotoluene	0.425	0.373	0.428	0.395	0.392	0.397	0.399	5.0
Diethylphthalate	1.857	1.520	1.597	1.386	1.446	1.490	1.536	10.2
4-Chlorophenyl-phenylether	0.742	0.574	0.605	0.546	0.553	0.559	0.586	12.4
Fluorene	1.609	1.322	1.388	1.253	1.320	1.309	1.353	8.9
4-Nitroaniline	0.360	0.329	0.370	0.328	0.350	0.362	0.346	5.5
4,6-Dinitro-2-methylphenol		0.089	0.131	0.128	0.131	0.140	0.124	14.4
n-Nitrosodiphenylamine	0.899	0.651	0.769	0.689	0.690	0.738	0.727	12.0
2,4,6-Tribromophenol	0.101	0.077	0.088	0.082	0.085	0.089	0.087	8.6
4-Bromophenyl-phenylether	0.262	0.212	0.234	0.211	0.198	0.215	0.219	10.0
Hexachlorobenzene	0.300	0.230	0.239	0.221	0.227	0.242	0.241	11.2
Atrazine	0.253	0.199	0.230	0.198	0.207	0.220	0.216	9.1
Pentachlorophenol	0.136	0.119	0.149	0.139	0.143	0.153	0.140	7.7
Phenanthrene	1.499	1.122	1.249	1.139	1.139	1.177	1.201	11.8
Anthracene	1.436	1.123	1.272	1.124	1.143	1.183	1.204	9.5
Carbazole	1.410	1.105	1.250	1.110	1.105	1.124	1.161	11.1
Di-n-butylphthalate	1.792	1.451	1.673	1.527	1.490	1.581	1.562	8.4
Fluoranthene	1.531	1.214	1.358	1.207	1.213	1.281	1.278	10.2
Pyrene	1.604	1.290	1.418	1.247	1.267	1.307	1.341	9.7
Terphenyl-d14	0.536	0.426	0.483	0.426	0.441	0.441	0.454	9.1
Butylbenzylphthalate	0.817	0.657	0.765	0.703	0.712	0.722	0.723	7.4
3,3-Dichlorobenzidine	0.537	0.434	0.477	0.433	0.450	0.435	0.453	9.4
Benzo(a)anthracene	1.493	1.160	1.279	1.139	1.201	1.211	1.231	10.2
Chrysene	1.450	1.108	1.145	0.996	1.057	1.060	1.112	14.5
Bis(2-ethylhexyl)phthalate	1.351	1.122	1.211	1.085	1.105	1.134	1.150	8.9
Di-n-octyl phthalate	2.675	1.887	2.111	1.907	1.956	1.994	2.059	13.7
Benzo(b)fluoranthene	1.752	1.255	1.246	1.228	1.228	1.308	1.310	15.3
Benzo(k)fluoranthene	1.369	1.116	1.324	1.115	1.095	1.115	1.185	9.5
Benzo(a)pyrene	1.450	1.084	1.215	1.091	1.116	1.140	1.167	11.5
Indeno(1,2,3-cd)pyrene	1.644	1.274	1.406	1.284	1.342	1.390	1.382	9.1
Dibenzo(a,h)anthracene	1.455	1.111	1.231	1.116	1.115	1.175	1.191	10.4
Benzo(g,h,i)perylene	1.477	1.121	1.237	1.129	1.118	1.178	1.201	10.7
1,2,4,5-Tetrachlorobenzene	0.589	0.453	0.494	0.438	0.429	0.448	0.470	12.1

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date(s): 11/28/2014 11/28/2014

Calibration Time(s): 12:08 14:57

LAB FILE ID: RRF2.5 = BF075864.D RRF010 = BF075865.D RRF025 = BF075866.D
RRF040 = BF075867.D RRF050 = BF075868.D RRF060 = BF075869.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2,3,4,6-Tetrachlorophenol	0.353	0.256	0.307	0.283	0.281	0.281	0.292	10.5

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/04/2014 13:38

Lab File ID: BF075999.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	0.604	0.575		-4.8	
Benzaldehyde	0.995	0.946		-4.9	
Phenol-d6	0.725	0.703		-3.0	
Phenol	1.859	1.889		1.6	20.0
bis(2-Chloroethyl)ether	1.301	1.289		-0.9	
2-Chlorophenol	1.382	1.408		1.9	
2-Methylphenol	1.120	1.140		1.8	
2,2-oxybis(1-Chloropropane)	1.985	1.838		-7.4	
Acetophenone	0.458	0.449		-2.0	
3+4-Methylphenols	1.478	1.492		0.9	
n-Nitroso-di-n-propylamine	0.982	1.034	0.050	5.3	
Nitrobenzene-d5	0.155	0.157		1.3	
Hexachloroethane	0.532	0.543		2.1	
Nitrobenzene	0.356	0.358		0.6	
Isophorone	0.662	0.673		1.7	
2-Nitrophenol	0.172	0.178		3.5	20.0
2,4-Dimethylphenol	0.296	0.282		-4.7	
bis(2-Chloroethoxy)methane	0.396	0.371		-6.3	
2,4-Dichlorophenol	0.269	0.276		2.6	20.0
Naphthalene	0.983	0.959		-2.4	
4-Chloroaniline	0.407	0.424		4.2	
Hexachlorobutadiene	0.164	0.166		1.2	20.0
Caprolactam	0.082	0.085		3.7	
4-Chloro-3-methylphenol	0.286	0.291		1.7	20.0
2-Methylnaphthalene	0.669	0.681		1.8	
Hexachlorocyclopentadiene	0.281	0.229	0.050	-18.5	
2,4,6-Trichlorophenol	0.357	0.373		4.5	20.0
2-Fluorobiphenyl	0.627	0.648		3.3	
2,4,5-Trichlorophenol	0.381	0.394		3.4	
1,1-Biphenyl	1.516	1.458		-3.8	
2-Chloronaphthalene	1.217	1.194		-1.9	
2-Nitroaniline	0.364	0.361		-0.8	
Dimethylphthalate	1.485	1.530		3.0	
Acenaphthylene	1.944	1.976		1.6	
2,6-Dinitrotoluene	0.292	0.324		11.0	
3-Nitroaniline	0.365	0.378		3.6	
Acenaphthene	1.113	1.112		-0.1	20.0
2,4-Dinitrophenol	0.150	0.108	0.050	-28.0	
4-Nitrophenol	0.274	0.286	0.050	4.4	
Dibenzofuran	1.658	1.657		-0.1	
2,4-Dinitrotoluene	0.399	0.430		7.8	

Form VII SV-1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/04/2014 13:38

Lab File ID: BF075999.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.536	1.571		2.3	
4-Chlorophenyl-phenylether	0.586	0.603		2.9	
Fluorene	1.353	1.419		4.9	
4-Nitroaniline	0.346	0.392		13.3	
4,6-Dinitro-2-methylphenol	0.124	0.103		-16.9	
n-Nitrosodiphenylamine	0.727	0.665		-8.5	20.0
2,4,6-Tribromophenol	0.087	0.087		0.0	
4-Bromophenyl-phenylether	0.219	0.194		-11.4	
Hexachlorobenzene	0.241	0.217		-10.0	
Atrazine	0.216	0.218		0.9	
Pentachlorophenol	0.140	0.141		0.7	20.0
Phenanthrene	1.201	1.136		-5.4	
Anthracene	1.204	1.144		-5.0	
Carbazole	1.161	1.116		-3.9	
Di-n-butylphthalate	1.562	1.529		-2.1	
Fluoranthene	1.278	1.233		-3.5	20.0
Pyrene	1.341	1.367		1.9	
Terphenyl-d14	0.454	0.435		-4.2	
Butylbenzylphthalate	0.723	0.738		2.1	
3,3-Dichlorobenzidine	0.453	0.453		0.0	
Benzo(a)anthracene	1.231	1.254		1.9	
Chrysene	1.112	1.111		-0.1	
Bis(2-ethylhexyl)phthalate	1.150	1.125		-2.2	
Di-n-octyl phthalate	2.059	1.837		-10.8	20.0
Benzo(b)fluoranthene	1.310	1.269		-3.1	
Benzo(k)fluoranthene	1.185	1.139		-3.9	
Benzo(a)pyrene	1.167	1.150		-1.5	20.0
Indeno(1,2,3-cd)pyrene	1.382	1.240		-10.3	
Dibenzo(a,h)anthracene	1.191	1.057		-11.3	
Benzo(g,h,i)perylene	1.201	1.120		-6.7	
1,2,4,5-Tetrachlorobenzene	0.470	0.468		-0.4	
2,3,4,6-Tetrachlorophenol	0.292	0.317		8.6	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/05/2014 00:48

Lab File ID: BF076015.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	0.604	0.587		-2.8	
Benzaldehyde	0.995	0.915		-8.0	
Phenol-d6	0.725	0.698		-3.7	
Phenol	1.859	1.849		-0.5	20.0
bis(2-Chloroethyl)ether	1.301	1.213		-6.8	
2-Chlorophenol	1.382	1.363		-1.4	
2-Methylphenol	1.120	1.094		-2.3	
2,2-oxybis(1-Chloropropane)	1.985	1.745		-12.1	
Acetophenone	0.458	0.456		-0.4	
3+4-Methylphenols	1.478	1.456		-1.5	
n-Nitroso-di-n-propylamine	0.982	0.959	0.050	-2.3	
Nitrobenzene-d5	0.155	0.159		2.6	
Hexachloroethane	0.532	0.536		0.8	
Nitrobenzene	0.356	0.356		0.0	
Isophorone	0.662	0.655		-1.1	
2-Nitrophenol	0.172	0.176		2.3	20.0
2,4-Dimethylphenol	0.296	0.289		-2.4	
bis(2-Chloroethoxy)methane	0.396	0.370		-6.6	
2,4-Dichlorophenol	0.269	0.282		4.8	20.0
Naphthalene	0.983	0.973		-1.0	
4-Chloroaniline	0.407	0.435		6.9	
Hexachlorobutadiene	0.164	0.165		0.6	20.0
Caprolactam	0.082	0.085		3.7	
4-Chloro-3-methylphenol	0.286	0.290		1.4	20.0
2-Methylnaphthalene	0.669	0.679		1.5	
Hexachlorocyclopentadiene	0.281	0.193	0.050	-31.3	
2,4,6-Trichlorophenol	0.357	0.371		3.9	20.0
2-Fluorobiphenyl	0.627	0.635		1.3	
2,4,5-Trichlorophenol	0.381	0.385		1.0	
1,1-Biphenyl	1.516	1.412		-6.9	
2-Chloronaphthalene	1.217	1.172		-3.7	
2-Nitroaniline	0.364	0.361		-0.8	
Dimethylphthalate	1.485	1.452		-2.2	
Acenaphthylene	1.944	1.967		1.2	
2,6-Dinitrotoluene	0.292	0.298		2.1	
3-Nitroaniline	0.365	0.371		1.6	
Acenaphthene	1.113	1.075		-3.4	20.0
2,4-Dinitrophenol	0.150	0.114	0.050	-24.0	
4-Nitrophenol	0.274	0.263	0.050	-4.0	
Dibenzofuran	1.658	1.605		-3.2	
2,4-Dinitrotoluene	0.399	0.419		5.0	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/05/2014 00:48

Lab File ID: BF076015.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.536	1.493		-2.8	
4-Chlorophenyl-phenylether	0.586	0.575		-1.9	
Fluorene	1.353	1.347		-0.4	
4-Nitroaniline	0.346	0.384		11.0	
4,6-Dinitro-2-methylphenol	0.124	0.107		-13.7	
n-Nitrosodiphenylamine	0.727	0.718		-1.2	20.0
2,4,6-Tribromophenol	0.087	0.083		-4.6	
4-Bromophenyl-phenylether	0.219	0.195		-11.0	
Hexachlorobenzene	0.241	0.219		-9.1	
Atrazine	0.216	0.210		-2.8	
Pentachlorophenol	0.140	0.137		-2.1	20.0
Phenanthrene	1.201	1.192		-0.7	
Anthracene	1.204	1.170		-2.8	
Carbazole	1.161	1.188		2.3	
Di-n-butylphthalate	1.562	1.420		-9.1	
Fluoranthene	1.278	1.245		-2.6	20.0
Pyrene	1.341	1.306		-2.6	
Terphenyl-d14	0.454	0.392		-13.7	
Butylbenzylphthalate	0.723	0.642		-11.2	
3,3-Dichlorobenzidine	0.453	0.439		-3.1	
Benzo(a)anthracene	1.231	1.173		-4.7	
Chrysene	1.112	1.116		0.4	
Bis(2-ethylhexyl)phthalate	1.150	0.913		-20.6	
Di-n-octyl phthalate	2.059	1.565		-24.0	20.0
Benzo(b)fluoranthene	1.310	1.324		1.1	
Benzo(k)fluoranthene	1.185	1.068		-9.9	
Benzo(a)pyrene	1.167	1.152		-1.3	20.0
Indeno(1,2,3-cd)pyrene	1.382	1.244		-10.0	
Dibenzo(a,h)anthracene	1.191	1.064		-10.7	
Benzo(g,h,i)perylene	1.201	1.110		-7.6	
1,2,4,5-Tetrachlorobenzene	0.470	0.447		-4.9	
2,3,4,6-Tetrachlorophenol	0.292	0.298		2.1	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/05/2014 12:27

Lab File ID: BF076030.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	0.604	0.608		0.7	
Benzaldehyde	0.995	0.970		-2.5	
Phenol-d6	0.725	0.751		3.6	
Phenol	1.859	1.952		5.0	20.0
bis(2-Chloroethyl)ether	1.301	1.334		2.5	
2-Chlorophenol	1.382	1.439		4.1	
2-Methylphenol	1.120	1.155		3.1	
2,2-oxybis(1-Chloropropane)	1.985	1.865		-6.0	
Acetophenone	0.458	0.443		-3.3	
3+4-Methylphenols	1.478	1.505		1.8	
n-Nitroso-di-n-propylamine	0.982	1.033	0.050	5.2	
Nitrobenzene-d5	0.155	0.153		-1.3	
Hexachloroethane	0.532	0.558		4.9	
Nitrobenzene	0.356	0.343		-3.7	
Isophorone	0.662	0.641		-3.2	
2-Nitrophenol	0.172	0.175		1.7	20.0
2,4-Dimethylphenol	0.296	0.272		-8.1	
bis(2-Chloroethoxy)methane	0.396	0.360		-9.1	
2,4-Dichlorophenol	0.269	0.263		-2.2	20.0
Naphthalene	0.983	0.933		-5.1	
4-Chloroaniline	0.407	0.414		1.7	
Hexachlorobutadiene	0.164	0.162		-1.2	20.0
Caprolactam	0.082	0.074		-9.8	
4-Chloro-3-methylphenol	0.286	0.268		-6.3	20.0
2-Methylnaphthalene	0.669	0.641		-4.2	
Hexachlorocyclopentadiene	0.281	0.258	0.050	-8.2	
2,4,6-Trichlorophenol	0.357	0.363		1.7	20.0
2-Fluorobiphenyl	0.627	0.632		0.8	
2,4,5-Trichlorophenol	0.381	0.380		-0.3	
1,1-Biphenyl	1.516	1.433		-5.5	
2-Chloronaphthalene	1.217	1.179		-3.1	
2-Nitroaniline	0.364	0.350		-3.8	
Dimethylphthalate	1.485	1.407		-5.3	
Acenaphthylene	1.944	1.921		-1.2	
2,6-Dinitrotoluene	0.292	0.304		4.1	
3-Nitroaniline	0.365	0.355		-2.7	
Acenaphthene	1.113	1.069		-4.0	20.0
2,4-Dinitrophenol	0.150	0.135	0.050	-10.0	
4-Nitrophenol	0.274	0.285	0.050	4.0	
Dibenzofuran	1.658	1.607		-3.1	
2,4-Dinitrotoluene	0.399	0.410		2.8	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/05/2014 12:27

Lab File ID: BF076030.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.536	1.487		-3.2	
4-Chlorophenyl-phenylether	0.586	0.571		-2.6	
Fluorene	1.353	1.367		1.0	
4-Nitroaniline	0.346	0.373		7.8	
4,6-Dinitro-2-methylphenol	0.124	0.127		2.4	
n-Nitrosodiphenylamine	0.727	0.718		-1.2	20.0
2,4,6-Tribromophenol	0.087	0.076		-12.6	
4-Bromophenyl-phenylether	0.219	0.204		-6.8	
Hexachlorobenzene	0.241	0.222		-7.9	
Atrazine	0.216	0.226		4.6	
Pentachlorophenol	0.140	0.131		-6.4	20.0
Phenanthrene	1.201	1.203		0.2	
Anthracene	1.204	1.231		2.2	
Carbazole	1.161	1.221		5.2	
Di-n-butylphthalate	1.562	1.579		1.1	
Fluoranthene	1.278	1.246		-2.5	20.0
Pyrene	1.341	1.398		4.3	
Terphenyl-d14	0.454	0.431		-5.1	
Butylbenzylphthalate	0.723	0.723		0.0	
3,3-Dichlorobenzidine	0.453	0.416		-8.2	
Benzo(a)anthracene	1.231	1.268		3.0	
Chrysene	1.112	1.103		-0.8	
Bis(2-ethylhexyl)phthalate	1.150	1.120		-2.6	
Di-n-octyl phthalate	2.059	1.909		-7.3	20.0
Benzo(b)fluoranthene	1.310	1.418		8.2	
Benzo(k)fluoranthene	1.185	1.024		-13.6	
Benzo(a)pyrene	1.167	1.137		-2.6	20.0
Indeno(1,2,3-cd)pyrene	1.382	1.249		-9.6	
Dibenzo(a,h)anthracene	1.191	1.145		-3.9	
Benzo(g,h,i)perylene	1.201	1.177		-2.0	
1,2,4,5-Tetrachlorobenzene	0.470	0.448		-4.7	
2,3,4,6-Tetrachlorophenol	0.292	0.288		-1.4	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/06/2014 00:54

Lab File ID: BF076053.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	0.604	0.618		2.3	
Benzaldehyde	0.995	0.960		-3.5	
Phenol-d6	0.725	0.733		1.1	
Phenol	1.859	1.969		5.9	20.0
bis(2-Chloroethyl)ether	1.301	1.359		4.5	
2-Chlorophenol	1.382	1.444		4.5	
2-Methylphenol	1.120	1.162		3.8	
2,2-oxybis(1-Chloropropane)	1.985	1.810		-8.8	
Acetophenone	0.458	0.465		1.5	
3+4-Methylphenols	1.478	1.506		1.9	
n-Nitroso-di-n-propylamine	0.982	1.000	0.050	1.8	
Nitrobenzene-d5	0.155	0.162		4.5	
Hexachloroethane	0.532	0.563		5.8	
Nitrobenzene	0.356	0.360		1.1	
Isophorone	0.662	0.655		-1.1	
2-Nitrophenol	0.172	0.175		1.7	20.0
2,4-Dimethylphenol	0.296	0.287		-3.0	
bis(2-Chloroethoxy)methane	0.396	0.377		-4.8	
2,4-Dichlorophenol	0.269	0.270		0.4	20.0
Naphthalene	0.983	0.968		-1.5	
4-Chloroaniline	0.407	0.409		0.5	
Hexachlorobutadiene	0.164	0.165		0.6	20.0
Caprolactam	0.082	0.085		3.7	
4-Chloro-3-methylphenol	0.286	0.289		1.0	20.0
2-Methylnaphthalene	0.669	0.668		-0.1	
Hexachlorocyclopentadiene	0.281	0.277	0.050	-1.4	
2,4,6-Trichlorophenol	0.357	0.376		5.3	20.0
2-Fluorobiphenyl	0.627	0.640		2.1	
2,4,5-Trichlorophenol	0.381	0.382		0.3	
1,1-Biphenyl	1.516	1.446		-4.6	
2-Chloronaphthalene	1.217	1.249		2.6	
2-Nitroaniline	0.364	0.370		1.6	
Dimethylphthalate	1.485	1.474		-0.7	
Acenaphthylene	1.944	1.953		0.5	
2,6-Dinitrotoluene	0.292	0.309		5.8	
3-Nitroaniline	0.365	0.372		1.9	
Acenaphthene	1.113	1.074		-3.5	20.0
2,4-Dinitrophenol	0.150	0.136	0.050	-9.3	
4-Nitrophenol	0.274	0.293	0.050	6.9	
Dibenzofuran	1.658	1.600		-3.5	
2,4-Dinitrotoluene	0.399	0.412		3.3	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/06/2014 00:54

Lab File ID: BF076053.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.536	1.520		-1.0	
4-Chlorophenyl-phenylether	0.586	0.590		0.7	
Fluorene	1.353	1.331		-1.6	
4-Nitroaniline	0.346	0.387		11.9	
4,6-Dinitro-2-methylphenol	0.124	0.127		2.4	
n-Nitrosodiphenylamine	0.727	0.727		0.0	20.0
2,4,6-Tribromophenol	0.087	0.083		-4.6	
4-Bromophenyl-phenylether	0.219	0.200		-8.7	
Hexachlorobenzene	0.241	0.220		-8.7	
Atrazine	0.216	0.212		-1.9	
Pentachlorophenol	0.140	0.129		-7.9	20.0
Phenanthrene	1.201	1.157		-3.7	
Anthracene	1.204	1.220		1.3	
Carbazole	1.161	1.200		3.4	
Di-n-butylphthalate	1.562	1.455		-6.8	
Fluoranthene	1.278	1.217		-4.8	20.0
Pyrene	1.341	1.392		3.8	
Terphenyl-d14	0.454	0.430		-5.3	
Butylbenzylphthalate	0.723	0.691		-4.4	
3,3-Dichlorobenzidine	0.453	0.427		-5.7	
Benzo(a)anthracene	1.231	1.245		1.1	
Chrysene	1.112	1.124		1.1	
Bis(2-ethylhexyl)phthalate	1.150	1.015		-11.7	
Di-n-octyl phthalate	2.059	1.632		-20.7	20.0
Benzo(b)fluoranthene	1.310	1.246		-4.9	
Benzo(k)fluoranthene	1.185	1.289		8.8	
Benzo(a)pyrene	1.167	1.153		-1.2	20.0
Indeno(1,2,3-cd)pyrene	1.382	1.246		-9.8	
Dibenzo(a,h)anthracene	1.191	1.128		-5.3	
Benzo(g,h,i)perylene	1.201	1.177		-2.0	
1,2,4,5-Tetrachlorobenzene	0.470	0.461		-1.9	
2,3,4,6-Tetrachlorophenol	0.292	0.291		-0.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/06/2014 14:17

Lab File ID: BF076076.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	0.604	0.593		-1.8	
Benzaldehyde	0.995	0.906		-8.9	
Phenol-d6	0.725	0.708		-2.3	
Phenol	1.859	1.784		-4.0	20.0
bis(2-Chloroethyl)ether	1.301	1.246		-4.2	
2-Chlorophenol	1.382	1.383		0.1	
2-Methylphenol	1.120	1.127		0.6	
2,2-oxybis(1-Chloropropane)	1.985	1.731		-12.8	
Acetophenone	0.458	0.454		-0.9	
3+4-Methylphenols	1.478	1.480		0.1	
n-Nitroso-di-n-propylamine	0.982	1.000	0.050	1.8	
Nitrobenzene-d5	0.155	0.156		0.6	
Hexachloroethane	0.532	0.524		-1.5	
Nitrobenzene	0.356	0.339		-4.8	
Isophorone	0.662	0.658		-0.6	
2-Nitrophenol	0.172	0.177		2.9	20.0
2,4-Dimethylphenol	0.296	0.292		-1.4	
bis(2-Chloroethoxy)methane	0.396	0.364		-8.1	
2,4-Dichlorophenol	0.269	0.269		0.0	20.0
Naphthalene	0.983	0.938		-4.6	
4-Chloroaniline	0.407	0.419		2.9	
Hexachlorobutadiene	0.164	0.164		0.0	20.0
Caprolactam	0.082	0.083		1.2	
4-Chloro-3-methylphenol	0.286	0.295		3.1	20.0
2-Methylnaphthalene	0.669	0.628		-6.1	
Hexachlorocyclopentadiene	0.281	0.199	0.050	-29.2	
2,4,6-Trichlorophenol	0.357	0.349		-2.2	20.0
2-Fluorobiphenyl	0.627	0.627		0.0	
2,4,5-Trichlorophenol	0.381	0.390		2.4	
1,1-Biphenyl	1.516	1.422		-6.2	
2-Chloronaphthalene	1.217	1.215		-0.2	
2-Nitroaniline	0.364	0.375		3.0	
Dimethylphthalate	1.485	1.462		-1.5	
Acenaphthylene	1.944	1.956		0.6	
2,6-Dinitrotoluene	0.292	0.309		5.8	
3-Nitroaniline	0.365	0.362		-0.8	
Acenaphthene	1.113	1.095		-1.6	20.0
2,4-Dinitrophenol	0.150	0.089	0.050	-40.7	
4-Nitrophenol	0.274	0.265	0.050	-3.3	
Dibenzofuran	1.658	1.596		-3.7	
2,4-Dinitrotoluene	0.399	0.440		10.3	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG No.: F4956

Instrument ID: BNA_F Calibration Date/Time: 12/06/2014 14:17

Lab File ID: BF076076.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.536	1.535		-0.1	
4-Chlorophenyl-phenylether	0.586	0.579		-1.2	
Fluorene	1.353	1.341		-1.0	
4-Nitroaniline	0.346	0.369		6.6	
4,6-Dinitro-2-methylphenol	0.124	0.101		-18.5	
n-Nitrosodiphenylamine	0.727	0.700		-3.7	20.0
2,4,6-Tribromophenol	0.087	0.080		-8.0	
4-Bromophenyl-phenylether	0.219	0.198		-9.6	
Hexachlorobenzene	0.241	0.214		-11.2	
Atrazine	0.216	0.214		-0.9	
Pentachlorophenol	0.140	0.116		-17.1	20.0
Phenanthrene	1.201	1.157		-3.7	
Anthracene	1.204	1.186		-1.5	
Carbazole	1.161	1.180		1.6	
Di-n-butylphthalate	1.562	1.531		-2.0	
Fluoranthene	1.278	1.210		-5.3	20.0
Pyrene	1.341	1.393		3.9	
Terphenyl-d14	0.454	0.438		-3.5	
Butylbenzylphthalate	0.723	0.691		-4.4	
3,3-Dichlorobenzidine	0.453	0.405		-10.6	
Benzo(a)anthracene	1.231	1.253		1.8	
Chrysene	1.112	1.098		-1.3	
Bis(2-ethylhexyl)phthalate	1.150	0.991		-13.8	
Di-n-octyl phthalate	2.059	1.656		-19.6	20.0
Benzo(b)fluoranthene	1.310	1.343		2.5	
Benzo(k)fluoranthene	1.185	1.146		-3.3	
Benzo(a)pyrene	1.167	1.171		0.3	20.0
Indeno(1,2,3-cd)pyrene	1.382	1.201		-13.1	
Dibenzo(a,h)anthracene	1.191	1.162		-2.4	
Benzo(g,h,i)perylene	1.201	1.186		-1.2	
1,2,4,5-Tetrachlorobenzene	0.470	0.450		-4.3	
2,3,4,6-Tetrachlorophenol	0.292	0.292		0.0	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	F4956	**OrderDate:**	12/4/2014 9:13:00 AM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	G42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F4956-01	**B-1(5-7.5)**	**SOIL**			**12/02/14**			**12/03/14**
			PCB Group1	8082A		12/04/14	12/05/14	
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-02	**B-2(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			PCB Group1	8082A		12/04/14	12/05/14	
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-03	**B-3(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			PCB Group1	8082A		12/04/14	12/05/14	
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-06	**EB12214**	**Water**			**12/02/14**			**12/03/14**
			PCB Group1	8082A		12/04/14	12/04/14	
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-07	**B-4(5-7)**	**SOIL**			**12/02/14**			**12/03/14**
			PCB Group1	8082A		12/04/14	12/05/14	
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-08	**FD12214**	**SOIL**			**12/02/14**			**12/03/14**
			PCB Group1	8082A		12/04/14	12/05/14	
			Pesticide-TCL	8081B		12/04/14	12/05/14	

Hit Summary Sheet
SW-846

SDG No.: **Order ID:**

Client: **Project ID:**

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	18.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006619.D	1	12/04/14 08:00	12/05/14 13:48	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	20.8	U	4.1	4.1	20.8	ug/kg
11104-28-2	Aroclor-1221	20.8	U	4.1	4.1	20.8	ug/kg
11141-16-5	Aroclor-1232	20.8	U	4.1	4.1	20.8	ug/kg
53469-21-9	Aroclor-1242	20.8	U	4.1	4.1	20.8	ug/kg
12672-29-6	Aroclor-1248	20.8	U	4.1	4.1	20.8	ug/kg
11097-69-1	Aroclor-1254	20.8	U	1.8	4.1	20.8	ug/kg
11096-82-5	Aroclor-1260	20.8	U	4.1	4.1	20.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.1		10 - 166		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	15		60 - 125		75%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	11.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006607.D	1	12/04/14 08:00	12/05/14 07:30	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	19.2	U	3.8	3.8	19.2	ug/kg
11104-28-2	Aroclor-1221	19.2	U	3.8	3.8	19.2	ug/kg
11141-16-5	Aroclor-1232	19.2	U	3.8	3.8	19.2	ug/kg
53469-21-9	Aroclor-1242	19.2	U	3.8	3.8	19.2	ug/kg
12672-29-6	Aroclor-1248	19.2	U	3.8	3.8	19.2	ug/kg
11097-69-1	Aroclor-1254	19.2	U	1.7	3.8	19.2	ug/kg
11096-82-5	Aroclor-1260	19.2	U	3.8	3.8	19.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		10 - 166		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006610.D	1	12/04/14 08:00	12/05/14 08:15	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	19.6	U	3.8	3.8	19.6	ug/kg
11104-28-2	Aroclor-1221	19.6	U	3.8	3.8	19.6	ug/kg
11141-16-5	Aroclor-1232	19.6	U	3.8	3.8	19.6	ug/kg
53469-21-9	Aroclor-1242	19.6	U	3.8	3.8	19.6	ug/kg
12672-29-6	Aroclor-1248	19.6	U	3.8	3.8	19.6	ug/kg
11097-69-1	Aroclor-1254	19.6	U	1.7	3.8	19.6	ug/kg
11096-82-5	Aroclor-1260	19.6	U	3.8	3.8	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.8		10 - 166		79%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 125		92%	SPK: 20

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006559.D	1	12/04/14 08:00	12/04/14 19:18	PB80683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.505	U	0.097	0.101	0.505	ug/L
11104-28-2	Aroclor-1221	0.505	U	0.101	0.101	0.505	ug/L
11141-16-5	Aroclor-1232	0.505	U	0.101	0.101	0.505	ug/L
53469-21-9	Aroclor-1242	0.505	U	0.09	0.101	0.505	ug/L
12672-29-6	Aroclor-1248	0.505	U	0.101	0.101	0.505	ug/L
11097-69-1	Aroclor-1254	0.505	U	0.044	0.101	0.505	ug/L
11096-82-5	Aroclor-1260	0.505	U	0.082	0.101	0.505	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.4		35 - 137		87%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.91		40 - 135		50%	SPK: 20

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MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006613.D	1	12/04/14 08:00	12/05/14 09:37	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	18.6	U	3.6	3.6	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	3.6	3.6	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	3.6	3.6	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.6	3.6	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.6	3.6	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	1.6	3.6	18.6	ug/kg
11096-82-5	Aroclor-1260	18.6	U	3.6	3.6	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16		10 - 166		80%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		60 - 125		106%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006614.D	1	12/04/14 08:00	12/05/14 09:52	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	18.8	U	3.7	3.7	18.8	ug/kg
11104-28-2	Aroclor-1221	18.8	U	3.7	3.7	18.8	ug/kg
11141-16-5	Aroclor-1232	18.8	U	3.7	3.7	18.8	ug/kg
53469-21-9	Aroclor-1242	18.8	U	3.7	3.7	18.8	ug/kg
12672-29-6	Aroclor-1248	18.8	U	3.7	3.7	18.8	ug/kg
11097-69-1	Aroclor-1254	18.8	U	1.7	3.7	18.8	ug/kg
11096-82-5	Aroclor-1260	18.8	U	3.7	3.7	18.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.4		10 - 166		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	20		60 - 125		100%	SPK: 20

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

QC SUMMARY

Surrogate Summary

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP006372.D	PIBLK-PP006372.D	Tetrachloro-m-xylene	1	20	19.38	97		35	137
		Decachlorobiphenyl	1	20	18.05	90		40	135
		Tetrachloro-m-xylene	2	20	18.42	92		35	137
		Decachlorobiphenyl	2	20	18.72	94		40	135
I.BLK-PP006548.D	PIBLK-PP006548.D	Tetrachloro-m-xylene	1	20	24.29	121		35	137
		Decachlorobiphenyl	1	20	21.12	106		40	135
		Tetrachloro-m-xylene	2	20	21.55	108		35	137
		Decachlorobiphenyl	2	20	16.33	82		40	135
PB80683BL	PB80683BL	Tetrachloro-m-xylene	1	20	14.86	74		35	137
		Decachlorobiphenyl	1	20	11.78	59		40	135
		Tetrachloro-m-xylene	2	20	16.27	81		35	137
		Decachlorobiphenyl	2	20	12.31	62		40	135
PB80683BS	PB80683BS	Tetrachloro-m-xylene	1	20	16.88	84		35	137
		Decachlorobiphenyl	1	20	14.79	74		40	135
		Tetrachloro-m-xylene	2	20	18.52	93		35	137
		Decachlorobiphenyl	2	20	13.83	69		40	135
PB80683BSD	PB80683BSD	Tetrachloro-m-xylene	1	20	18.94	95		35	137
		Decachlorobiphenyl	1	20	16.97	85		40	135
		Tetrachloro-m-xylene	2	20	19.64	98		35	137
		Decachlorobiphenyl	2	20	21.32	107		40	135
F4956-06	EB12214	Tetrachloro-m-xylene	1	20	17.45	87		35	137
		Decachlorobiphenyl	1	20	9.91	50		40	135
		Tetrachloro-m-xylene	2	20	16.96	85		35	137
		Decachlorobiphenyl	2	20	9.11	46		40	135
I.BLK-PP006560.D	PIBLK-PP006560.D	Tetrachloro-m-xylene	1	20	22.3	112		35	137
		Decachlorobiphenyl	1	20	20.46	102		40	135
		Tetrachloro-m-xylene	2	20	22.06	110		35	137
		Decachlorobiphenyl	2	20	18.65	93		40	135
I.BLK-PP006584.D	PIBLK-PP006584.D	Tetrachloro-m-xylene	1	20	23.89	119		35	137
		Decachlorobiphenyl	1	20	23.26	116		40	135
		Tetrachloro-m-xylene	2	20	23.55	118		35	137
		Decachlorobiphenyl	2	20	18.73	94		40	135
PB80693BL	PB80693BL	Tetrachloro-m-xylene	1	20	21.17	106		10	166
		Decachlorobiphenyl	1	20	19.88	99		60	125
		Tetrachloro-m-xylene	2	20	20.5	103		10	166
		Decachlorobiphenyl	2	20	16.64	83		60	125
PB80693BS	PB80693BS	Tetrachloro-m-xylene	1	20	21.8	109		10	166
		Decachlorobiphenyl	1	20	19.94	100		60	125
		Tetrachloro-m-xylene	2	20	20.85	104		10	166
		Decachlorobiphenyl	2	20	17.42	87		60	125
I.BLK-PP006596.D	PIBLK-PP006596.D	Tetrachloro-m-xylene	1	20	24.71	124		35	137
		Decachlorobiphenyl	1	20	23.54	118		40	135
		Tetrachloro-m-xylene	2	20	24.54	123		35	137

Surrogate Summary

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP006596.D	PIBLK-PP006596.D	Decachlorobiphenyl	2	20	20.09	100		40	135
F4956-02	B-2(2.5-5)	Tetrachloro-m-xylene	1	20	20.41	102		10	166
		Decachlorobiphenyl	1	20	15.67	78		60	125
		Tetrachloro-m-xylene	2	20	18.97	95		10	166
		Decachlorobiphenyl	2	20	11.16	56	*	60	125
I.BLK-PP006608.D	PIBLK-PP006608.D	Tetrachloro-m-xylene	1	20	24.12	121		35	137
		Decachlorobiphenyl	1	20	24.25	121		40	135
		Tetrachloro-m-xylene	2	20	23.54	118		35	137
		Decachlorobiphenyl	2	20	19.27	96		40	135
F4956-03	B-3(2.5-5)	Tetrachloro-m-xylene	1	20	15.75	79		10	166
		Decachlorobiphenyl	1	20	18.44	92		60	125
		Tetrachloro-m-xylene	2	20	19.74	99		10	166
		Decachlorobiphenyl	2	20	14.85	74		60	125
F4956-04MS	B-3(2.5-5)MS	Tetrachloro-m-xylene	1	20	17.94	90		10	166
		Decachlorobiphenyl	1	20	17.27	86		60	125
		Tetrachloro-m-xylene	2	20	27.74	139		10	166
		Decachlorobiphenyl	2	20	14.63	73		60	125
F4956-05MSD	B-3(2.5-5)MSD	Tetrachloro-m-xylene	1	20	18.64	93		10	166
		Decachlorobiphenyl	1	20	19.84	99		60	125
		Tetrachloro-m-xylene	2	20	22.59	113		10	166
		Decachlorobiphenyl	2	20	18.23	91		60	125
F4956-07	B-4(5-7)	Tetrachloro-m-xylene	1	20	16.04	80		10	166
		Decachlorobiphenyl	1	20	21.23	106		60	125
		Tetrachloro-m-xylene	2	20	16.82	84		10	166
		Decachlorobiphenyl	2	20	21.64	108		60	125
F4956-08	FD12214	Tetrachloro-m-xylene	1	20	16.42	82		10	166
		Decachlorobiphenyl	1	20	19.98	100		60	125
		Tetrachloro-m-xylene	2	20	15.07	75		10	166
		Decachlorobiphenyl	2	20	17.2	86		60	125
I.BLK-PP006615.D	PIBLK-PP006615.D	Tetrachloro-m-xylene	1	20	22.96	115		35	137
		Decachlorobiphenyl	1	20	22.69	113		40	135
		Tetrachloro-m-xylene	2	20	22.47	112		35	137
		Decachlorobiphenyl	2	20	19.57	98		40	135
F4956-01	B-1(5-7.5)	Tetrachloro-m-xylene	1	20	18.06	90		10	166
		Decachlorobiphenyl	1	20	15	75		60	125
		Tetrachloro-m-xylene	2	20	19.74	99		10	166
		Decachlorobiphenyl	2	20	15.5	78		60	125
I.BLK-PP006620.D	PIBLK-PP006620.D	Tetrachloro-m-xylene	1	20	21.2	106		35	137
		Decachlorobiphenyl	1	20	15.76	79		40	135
		Tetrachloro-m-xylene	2	20	23.11	116		35	137
		Decachlorobiphenyl	2	20	21.51	108		40	135

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **DataFile :** PP006611.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**B-3(2.5-5)MS**											
F4956-04MS	AR1016	77	0	94.7	ug/kg	123				40	140	
	AR1260	77	0	120	ug/kg	156	*			60	130	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **DataFile :** PP006612.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**B-3(2.5-5)MSD**											
F4956-05MSD	AR1016	77	0	93.7	ug/kg	122		1		40	140	20
	AR1260	77	0	110	ug/kg	143	*	9		60	130	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **Datafile :** PP006552.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80683BS	AR1016	2	2.1	ug/L	105				56	149	
	AR1260	2	2.1	ug/L	105				66	147	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **Datafile :** PP006553.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80683BSD	AR1016	2	2.2	ug/L	110	5			56	149	20
	AR1260	2	2.3	ug/L	115	9			66	147	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **Datafile :** PP006589.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80693BS	AR1016	66.6	82.5	ug/kg	124				53	140	
	AR1260	66.6	78.1	ug/kg	117				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB80683BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab Sample ID: PB80683BL Lab File ID: PP006551.D

Matrix: (soil/water) Water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 12/04/2014

Date Analyzed (1): 12/04/2014 Date Analyzed (2): 12/04/2014

Time Analyzed (1): 17:16 Time Analyzed (2): 17:16

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB80683BS	PB80683BS	PP006552.D	12/04/2014	12/04/2014
PB80683BSD	PB80683BSD	PP006553.D	12/04/2014	12/04/2014
EB12214	F4956-06	PP006559.D	12/04/2014	12/04/2014

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB80693BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab Sample ID: PB80693BL Lab File ID: PP006588.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 12/04/2014

Date Analyzed (1): 12/05/2014 Date Analyzed (2): 12/05/2014

Time Analyzed (1): 02:40 Time Analyzed (2): 02:40

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB80693BS	PB80693BS	PP006589.D	12/05/2014	12/05/2014
B-2(2.5-5)	F4956-02	PP006607.D	12/05/2014	12/05/2014
B-3(2.5-5)	F4956-03	PP006610.D	12/05/2014	12/05/2014
B-3(2.5-5)MS	F4956-04MS	PP006611.D	12/05/2014	12/05/2014
B-3(2.5-5)MSD	F4956-05MSD	PP006612.D	12/05/2014	12/05/2014
B-4(5-7)	F4956-07	PP006613.D	12/05/2014	12/05/2014
FD12214	F4956-08	PP006614.D	12/05/2014	12/05/2014
B-1(5-7.5)	F4956-01	PP006619.D	12/05/2014	12/05/2014

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_P **Calibration Date(s):** 11/23/2014 11/23/2014

Calibration Times: 13:04 14:05

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP006373.D RT 750 = PP006374.D

RT 500 = PP006375.D RT 250 = PP006376.D RT 050 = PP006377.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.91	4.90	4.91	4.91	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	5.44	5.44	5.44	5.44	5.44	5.44	5.34	5.54
Aroclor-1016-3	(3)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1016-4	(4)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-5	(5)	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Aroclor-1260-1	(1)	6.94	6.94	6.94	6.94	6.94	6.94	6.84	7.04
Aroclor-1260-2	(2)	7.20	7.19	7.20	7.20	7.19	7.19	7.09	7.29
Aroclor-1260-3	(3)	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
Aroclor-1260-4	(4)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Aroclor-1260-5	(5)	8.08	8.08	8.08	8.08	8.08	8.08	7.98	8.18
Decachlorobiphenyl		9.74	9.74	9.74	9.74	9.74	9.74	9.64	9.84
Tetrachloro-m-xylene		4.21	4.21	4.21	4.21	4.21	4.21	4.11	4.31

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_P **Calibration Date(s):** 11/23/2014 11/23/2014

Calibration Times: 13:04 14:05

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP006373.D RT 750 = PP006374.D

RT 500 = PP006375.D RT 250 = PP006376.D RT 050 = PP006377.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
Aroclor-1016-2	(2)	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Aroclor-1016-3	(3)	4.69	4.69	4.69	4.69	4.69	4.69	4.59	4.79
Aroclor-1016-4	(4)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-5	(5)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1260-1	(1)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1260-2	(2)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1260-3	(3)	6.28	6.27	6.28	6.28	6.28	6.27	6.17	6.37
Aroclor-1260-4	(4)	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Aroclor-1260-5	(5)	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Decachlorobiphenyl		8.30	8.30	8.30	8.30	8.30	8.30	8.20	8.40
Tetrachloro-m-xylene		3.45	3.45	3.46	3.45	3.45	3.45	3.35	3.55

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_P

Calibration Date(s): 11/23/2014 11/23/2014

Calibration Times: 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP006373.D **CF 750 =** PP006374.D

CF 500 = PP006375.D **CF 250 =** PP006376.D **CF 050 =** PP006377.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	513	570	608	636	710	608	12
Aroclor-1016-2	(2)	602	651	694	680	864	698	14
Aroclor-1016-3	(3)	474	513	538	521	631	536	11
Aroclor-1016-4	(4)	485	534	582	577	525	541	7
Aroclor-1016-5	(5)	499	539	578	584	610	562	8
Aroclor-1260-1	(1)	900	999	1054	1080	1296	1066	14
Aroclor-1260-2	(2)	972	1046	1115	1047	1217	1079	9
Aroclor-1260-3	(3)	1168	1256	1308	1114	1119	1193	7
Aroclor-1260-4	(4)	848	892	966	853	818	876	7
Aroclor-1260-5	(5)	1493	1590	1686	1598	1772	1628	6
Decachlorobiphenyl		15009	15914	16738	16058	18840	16512	9
Tetrachloro-m-xylene		20880	22904	24110	23436	29712	24208	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_P

Calibration Date(s): 11/23/2014 11/23/2014

Calibration Times: 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP006373.D **CF 750 =** PP006374.D

CF 500 = PP006375.D **CF 250 =** PP006376.D **CF 050 =** PP006377.D

COMPOUND	CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1 (1)	1413	1527	1574	1433	1682	1526	7
Aroclor-1016-2 (2)	1957	2109	2105	1936	1758	1973	7
Aroclor-1016-3 (3)	1460	1550	1568	1413	1495	1497	4
Aroclor-1016-4 (4)	1228	1328	1358	1262	1323	1300	4
Aroclor-1016-5 (5)	1601	1717	1782	1635	1739	1695	4
Aroclor-1260-1 (1)	3397	3640	3715	3416	3877	3609	6
Aroclor-1260-2 (2)	3980	4235	4342	3999	5221	4355	12
Aroclor-1260-3 (3)	3733	3948	4028	3618	4350	3935	7
Aroclor-1260-4 (4)	3201	3390	3420	3080	3845	3387	9
Aroclor-1260-5 (5)	7119	7419	7439	6491	7003	7094	5
Decachlorobiphenyl	73979	79264	80326	71629	92032	79446	10
Tetrachloro-m-xylene	70513	74826	75597	67371	78008	73263	6

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_P **Date(s) Analyzed:** 11/23/2014 11/23/2014

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.42	4.32	4.52	221180
		2	4.50	4.40	4.60	188312
		3	4.58	4.48	4.68	565916
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.58	4.48	4.68	454970
		2	5.09	4.99	5.19	250436
		3	5.44	5.34	5.54	296292
		4	5.54	5.44	5.64	216418
		5	5.97	5.87	6.07	239512
Aroclor-1242	500	1	4.90	4.80	5.00	496736
		2	5.09	4.99	5.19	458136
		3	5.44	5.34	5.54	538632
		4	6.23	6.13	6.33	372266
		5	6.26	6.16	6.36	375710
Aroclor-1248	500	1	5.36	5.26	5.46	559570
		2	5.38	5.28	5.48	714392
		3	5.83	5.73	5.93	950376
		4	6.23	6.13	6.33	891718
		5	6.26	6.16	6.36	838610
Aroclor-1254	500	1	6.20	6.10	6.30	926028
		2	6.42	6.32	6.52	1380920
		3	6.78	6.68	6.88	1365100
		4	7.06	6.96	7.16	824258
		5	7.48	7.38	7.58	930252

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_P **Date(s) Analyzed:** 11/23/2014 11/23/2014

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.66	3.56	3.76	589958
		2	3.75	3.65	3.85	456780
		3	3.82	3.72	3.92	1511080
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.82	3.72	3.92	1203850
		2	4.29	4.19	4.39	597544
		3	4.69	4.59	4.79	572462
		4	4.94	4.84	5.04	627320
		5	5.28	5.18	5.38	570450
Aroclor-1242	500	1	4.29	4.19	4.39	1165820
		2	4.50	4.40	4.60	1419210
		3	4.94	4.84	5.04	1333060
		4	5.28	5.18	5.38	1289710
		5	5.32	5.22	5.42	940194
Aroclor-1248	500	1	4.50	4.40	4.60	1465630
		2	4.52	4.42	4.62	1710940
		3	4.73	4.63	4.83	2408000
		4	4.77	4.67	4.87	2504320
		5	5.28	5.18	5.38	3818180
Aroclor-1254	500	1	5.28	5.18	5.38	3791180
		2	5.42	5.32	5.52	3379580
		3	5.73	5.63	5.83	2722400
		4	5.81	5.71	5.91	5300020
		5	6.45	6.35	6.55	4508940

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/04/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 12:11 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.93	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/04/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 12:11 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2 (2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3 (3)	4.69	4.69	4.59	4.79	0.00
Aroclor-1016-4 (4)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-5 (5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1 (1)	5.94	5.94	5.84	6.04	0.01
Aroclor-1260-2 (2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3 (3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4 (4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5 (5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene	3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl	8.30	8.30	8.20	8.40	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/04/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006549.D **Time Analyzed:** 12:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.900	4.805	5.005	598.900	500.000	19.8
Aroclor-1016-2	5.436	5.340	5.540	534.750	500.000	7.0
Aroclor-1016-3	5.531	5.436	5.636	529.190	500.000	5.8
Aroclor-1016-4	5.822	5.727	5.927	601.710	500.000	20.3
Aroclor-1016-5	5.959	5.865	6.065	517.810	500.000	3.6
Aroclor-1260-1	6.933	6.839	7.039	551.640	500.000	10.3
Aroclor-1260-2	7.188	7.095	7.295	480.920	500.000	-3.8
Aroclor-1260-3	7.467	7.374	7.574	483.950	500.000	-3.2
Aroclor-1260-4	7.767	7.674	7.874	574.490	500.000	14.9
Aroclor-1260-5	8.072	7.978	8.178	418.210	500.000	-16.4
Decachlorobiphenyl	9.731	9.642	9.842	53.680	50.000	7.4
Tetrachloro-m-xylene	4.211	4.114	4.314	57.130	50.000	14.3

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/04/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006549.D **Time Analyzed:** 12:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.287	4.190	4.390	534.960	500.000	7.0
Aroclor-1016-2	4.570	4.473	4.673	456.240	500.000	-8.8
Aroclor-1016-3	4.686	4.589	4.789	417.680	500.000	-16.5
Aroclor-1016-4	4.725	4.629	4.829	553.160	500.000	10.6
Aroclor-1016-5	4.932	4.836	5.036	501.450	500.000	0.3
Aroclor-1260-1	5.935	5.840	6.040	495.910	500.000	-0.8
Aroclor-1260-2	6.118	6.023	6.223	407.460	500.000	-18.5
Aroclor-1260-3	6.270	6.175	6.375	456.580	500.000	-8.7
Aroclor-1260-4	6.732	6.638	6.838	453.400	500.000	-9.3
Aroclor-1260-5	6.970	6.876	7.076	355.500	500.000	-28.9
Decachlorobiphenyl	8.295	8.203	8.403	43.070	50.000	-13.9
Tetrachloro-m-xylene	3.453	3.355	3.555	57.630	50.000	15.3

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/04/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 19:48 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.93	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/04/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 19:48 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2 (2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3 (3)	4.69	4.69	4.59	4.79	0.00
Aroclor-1016-4 (4)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-5 (5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1 (1)	5.94	5.94	5.84	6.04	0.01
Aroclor-1260-2 (2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3 (3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4 (4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5 (5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene	3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl	8.30	8.30	8.20	8.40	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/04/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006561.D **Time Analyzed:** 19:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.805	5.005	549.130	500.000	9.8
Aroclor-1016-2	5.436	5.340	5.540	558.650	500.000	11.7
Aroclor-1016-3	5.532	5.436	5.636	549.960	500.000	10.0
Aroclor-1016-4	5.822	5.727	5.927	590.270	500.000	18.1
Aroclor-1016-5	5.960	5.865	6.065	518.640	500.000	3.7
Aroclor-1260-1	6.934	6.839	7.039	520.140	500.000	4.0
Aroclor-1260-2	7.189	7.095	7.295	521.830	500.000	4.4
Aroclor-1260-3	7.468	7.374	7.574	535.060	500.000	7.0
Aroclor-1260-4	7.767	7.674	7.874	554.300	500.000	10.9
Aroclor-1260-5	8.072	7.978	8.178	486.900	500.000	-2.6
Decachlorobiphenyl	9.731	9.642	9.842	52.750	50.000	5.5
Tetrachloro-m-xylene	4.211	4.114	4.314	53.240	50.000	6.5

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/04/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006561.D **Time Analyzed:** 19:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.287	4.190	4.390	584.080	500.000	16.8
Aroclor-1016-2	4.570	4.473	4.673	578.400	500.000	15.7
Aroclor-1016-3	4.686	4.589	4.789	540.030	500.000	8.0
Aroclor-1016-4	4.725	4.629	4.829	595.910	500.000	19.2
Aroclor-1016-5	4.932	4.836	5.036	553.580	500.000	10.7
Aroclor-1260-1	5.935	5.840	6.040	537.510	500.000	7.5
Aroclor-1260-2	6.118	6.023	6.223	493.760	500.000	-1.2
Aroclor-1260-3	6.270	6.175	6.375	481.340	500.000	-3.7
Aroclor-1260-4	6.732	6.638	6.838	509.030	500.000	1.8
Aroclor-1260-5	6.970	6.876	7.076	480.070	500.000	-4.0
Decachlorobiphenyl	8.295	8.203	8.403	48.680	50.000	-2.6
Tetrachloro-m-xylene	3.453	3.355	3.555	59.070	50.000	18.1

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 01:54 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.93	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 01:54 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2 (2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3 (3)	4.69	4.69	4.59	4.79	0.00
Aroclor-1016-4 (4)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-5 (5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1 (1)	5.94	5.94	5.84	6.04	0.01
Aroclor-1260-2 (2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3 (3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4 (4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5 (5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene	3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl	8.29	8.30	8.20	8.40	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL03 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006585.D **Time Analyzed:** 01:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.805	5.005	590.440	500.000	18.1
Aroclor-1016-2	5.437	5.340	5.540	598.620	500.000	19.7
Aroclor-1016-3	5.532	5.436	5.636	588.270	500.000	17.7
Aroclor-1016-4	5.822	5.727	5.927	609.890	500.000	22.0
Aroclor-1016-5	5.959	5.865	6.065	561.580	500.000	12.3
Aroclor-1260-1	6.933	6.839	7.039	550.510	500.000	10.1
Aroclor-1260-2	7.189	7.095	7.295	557.370	500.000	11.5
Aroclor-1260-3	7.468	7.374	7.574	566.220	500.000	13.2
Aroclor-1260-4	7.767	7.674	7.874	608.330	500.000	21.7
Aroclor-1260-5	8.072	7.978	8.178	524.910	500.000	5.0
Decachlorobiphenyl	9.731	9.642	9.842	55.350	50.000	10.7
Tetrachloro-m-xylene	4.211	4.114	4.314	55.040	50.000	10.1

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL03 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006585.D **Time Analyzed:** 01:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.287	4.190	4.390	609.760	500.000	22.0
Aroclor-1016-2	4.570	4.473	4.673	571.730	500.000	14.3
Aroclor-1016-3	4.686	4.589	4.789	531.100	500.000	6.2
Aroclor-1016-4	4.725	4.629	4.829	608.490	500.000	21.7
Aroclor-1016-5	4.932	4.836	5.036	568.560	500.000	13.7
Aroclor-1260-1	5.935	5.840	6.040	561.070	500.000	12.2
Aroclor-1260-2	6.118	6.023	6.223	511.510	500.000	2.3
Aroclor-1260-3	6.269	6.175	6.375	543.000	500.000	8.6
Aroclor-1260-4	6.732	6.638	6.838	541.450	500.000	8.3
Aroclor-1260-5	6.970	6.876	7.076	509.040	500.000	1.8
Decachlorobiphenyl	8.294	8.203	8.403	51.070	50.000	2.1
Tetrachloro-m-xylene	3.453	3.355	3.555	61.440	50.000	22.9

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 04:57 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.94	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 04:57 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2 (2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3 (3)	4.69	4.69	4.59	4.79	0.00
Aroclor-1016-4 (4)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-5 (5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1 (1)	5.94	5.94	5.84	6.04	0.00
Aroclor-1260-2 (2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3 (3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4 (4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5 (5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene	3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl	8.30	8.30	8.20	8.40	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL04 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006597.D **Time Analyzed:** 04:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.902	4.805	5.005	604.970	500.000	21.0
Aroclor-1016-2	5.437	5.340	5.540	538.220	500.000	7.6
Aroclor-1016-3	5.532	5.436	5.636	518.420	500.000	3.7
Aroclor-1016-4	5.823	5.727	5.927	613.280	500.000	22.7
Aroclor-1016-5	5.961	5.865	6.065	567.980	500.000	13.6
Aroclor-1260-1	6.935	6.839	7.039	566.520	500.000	13.3
Aroclor-1260-2	7.190	7.095	7.295	556.990	500.000	11.4
Aroclor-1260-3	7.469	7.374	7.574	576.140	500.000	15.2
Aroclor-1260-4	7.769	7.674	7.874	611.540	500.000	22.3
Aroclor-1260-5	8.073	7.978	8.178	518.860	500.000	3.8
Decachlorobiphenyl	9.732	9.642	9.842	57.360	50.000	14.7
Tetrachloro-m-xylene	4.213	4.114	4.314	56.190	50.000	12.4

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL04 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006597.D **Time Analyzed:** 04:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.288	4.190	4.390	631.070	500.000	26.2
Aroclor-1016-2	4.570	4.473	4.673	509.350	500.000	1.9
Aroclor-1016-3	4.687	4.589	4.789	527.560	500.000	5.5
Aroclor-1016-4	4.725	4.629	4.829	615.080	500.000	23.0
Aroclor-1016-5	4.933	4.836	5.036	591.340	500.000	18.3
Aroclor-1260-1	5.936	5.840	6.040	574.190	500.000	14.8
Aroclor-1260-2	6.119	6.023	6.223	515.890	500.000	3.2
Aroclor-1260-3	6.271	6.175	6.375	555.400	500.000	11.1
Aroclor-1260-4	6.733	6.638	6.838	549.300	500.000	9.9
Aroclor-1260-5	6.972	6.876	7.076	508.890	500.000	1.8
Decachlorobiphenyl	8.296	8.203	8.403	52.970	50.000	5.9
Tetrachloro-m-xylene	3.454	3.355	3.555	63.080	50.000	26.2

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 08:00 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.93	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 08:00 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2	(2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3	(3)	4.69	4.69	4.59	4.79	0.01
Aroclor-1016-4	(4)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-5	(5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1	(1)	5.94	5.94	5.84	6.04	0.01
Aroclor-1260-2	(2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3	(3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4	(4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5	(5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene		3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl		8.29	8.30	8.20	8.40	0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL05 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006609.D **Time Analyzed:** 08:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.805	5.005	561.670	500.000	12.3
Aroclor-1016-2	5.436	5.340	5.540	535.320	500.000	7.1
Aroclor-1016-3	5.532	5.436	5.636	563.410	500.000	12.7
Aroclor-1016-4	5.822	5.727	5.927	578.160	500.000	15.6
Aroclor-1016-5	5.959	5.865	6.065	507.130	500.000	1.4
Aroclor-1260-1	6.933	6.839	7.039	569.720	500.000	13.9
Aroclor-1260-2	7.188	7.095	7.295	585.040	500.000	17.0
Aroclor-1260-3	7.466	7.374	7.574	558.870	500.000	11.8
Aroclor-1260-4	7.766	7.674	7.874	580.910	500.000	16.2
Aroclor-1260-5	8.071	7.978	8.178	579.210	500.000	15.8
Decachlorobiphenyl	9.730	9.642	9.842	59.560	50.000	19.1
Tetrachloro-m-xylene	4.211	4.114	4.314	55.930	50.000	11.9

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL05 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006609.D **Time Analyzed:** 08:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.286	4.190	4.390	635.190	500.000	27.0
Aroclor-1016-2	4.568	4.473	4.673	562.260	500.000	12.5
Aroclor-1016-3	4.685	4.589	4.789	548.750	500.000	9.8
Aroclor-1016-4	4.724	4.629	4.829	591.990	500.000	18.4
Aroclor-1016-5	4.931	4.836	5.036	593.480	500.000	18.7
Aroclor-1260-1	5.935	5.840	6.040	574.590	500.000	14.9
Aroclor-1260-2	6.118	6.023	6.223	542.610	500.000	8.5
Aroclor-1260-3	6.269	6.175	6.375	566.950	500.000	13.4
Aroclor-1260-4	6.732	6.638	6.838	558.030	500.000	11.6
Aroclor-1260-5	6.970	6.876	7.076	563.690	500.000	12.7
Decachlorobiphenyl	8.294	8.203	8.403	52.570	50.000	5.1
Tetrachloro-m-xylene	3.453	3.355	3.555	62.680	50.000	25.4

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 10:22 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.01
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.93	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 10:22 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2	(2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3	(3)	4.69	4.69	4.59	4.79	0.01
Aroclor-1016-4	(4)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-5	(5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1	(1)	5.94	5.94	5.84	6.04	0.01
Aroclor-1260-2	(2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3	(3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4	(4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5	(5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene		3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl		8.29	8.30	8.20	8.40	0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL06 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006616.D **Time Analyzed:** 10:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.900	4.805	5.005	581.570	500.000	16.3
Aroclor-1016-2	5.435	5.340	5.540	560.020	500.000	12.0
Aroclor-1016-3	5.531	5.436	5.636	586.470	500.000	17.3
Aroclor-1016-4	5.820	5.727	5.927	585.800	500.000	17.2
Aroclor-1016-5	5.958	5.865	6.065	533.390	500.000	6.7
Aroclor-1260-1	6.933	6.839	7.039	593.840	500.000	18.8
Aroclor-1260-2	7.188	7.095	7.295	598.090	500.000	19.6
Aroclor-1260-3	7.467	7.374	7.574	554.240	500.000	10.8
Aroclor-1260-4	7.766	7.674	7.874	608.060	500.000	21.6
Aroclor-1260-5	8.071	7.978	8.178	587.810	500.000	17.6
Decachlorobiphenyl	9.728	9.642	9.842	59.290	50.000	18.6
Tetrachloro-m-xylene	4.211	4.114	4.314	58.530	50.000	17.1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL06 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006616.D **Time Analyzed:** 10:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.286	4.190	4.390	649.140	500.000	29.8
Aroclor-1016-2	4.569	4.473	4.673	562.210	500.000	12.4
Aroclor-1016-3	4.685	4.589	4.789	580.210	500.000	16.0
Aroclor-1016-4	4.725	4.629	4.829	609.640	500.000	21.9
Aroclor-1016-5	4.931	4.836	5.036	590.060	500.000	18.0
Aroclor-1260-1	5.935	5.840	6.040	603.730	500.000	20.7
Aroclor-1260-2	6.118	6.023	6.223	569.760	500.000	14.0
Aroclor-1260-3	6.269	6.175	6.375	601.090	500.000	20.2
Aroclor-1260-4	6.732	6.638	6.838	593.830	500.000	18.8
Aroclor-1260-5	6.970	6.876	7.076	583.980	500.000	16.8
Decachlorobiphenyl	8.294	8.203	8.403	55.670	50.000	11.3
Tetrachloro-m-xylene	3.453	3.355	3.555	62.560	50.000	25.1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 16:04 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-3	(3)	5.53	5.54	5.44	5.64	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-1	(1)	6.94	6.94	6.84	7.04	0.01
Aroclor-1260-2	(2)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.74	9.64	9.84	0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/23/2014 11/23/2014

Continuing Calib Time: 16:04 **Initial Calibration Time(s):** 13:04 14:05

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.29	4.29	4.19	4.39	0.00
Aroclor-1016-2	(2)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-3	(3)	4.69	4.69	4.59	4.79	0.01
Aroclor-1016-4	(4)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-5	(5)	4.93	4.94	4.84	5.04	0.01
Aroclor-1260-1	(1)	5.93	5.94	5.84	6.04	0.01
Aroclor-1260-2	(2)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-3	(3)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-4	(4)	6.73	6.74	6.64	6.84	0.01
Aroclor-1260-5	(5)	6.97	6.98	6.88	7.08	0.01
Tetrachloro-m-xylene		3.45	3.46	3.36	3.56	0.01
Decachlorobiphenyl		8.30	8.30	8.20	8.40	0.00

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL07 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006621.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.902	4.805	5.005	576.500	500.000	15.3
Aroclor-1016-2	5.437	5.340	5.540	572.420	500.000	14.5
Aroclor-1016-3	5.534	5.436	5.636	568.790	500.000	13.8
Aroclor-1016-4	5.822	5.727	5.927	560.490	500.000	12.1
Aroclor-1016-5	5.961	5.865	6.065	549.650	500.000	9.9
Aroclor-1260-1	6.935	6.839	7.039	547.060	500.000	9.4
Aroclor-1260-2	7.189	7.095	7.295	509.940	500.000	2.0
Aroclor-1260-3	7.469	7.374	7.574	554.050	500.000	10.8
Aroclor-1260-4	7.768	7.674	7.874	567.990	500.000	13.6
Aroclor-1260-5	8.073	7.978	8.178	572.320	500.000	14.5
Decachlorobiphenyl	9.732	9.642	9.842	56.090	50.000	12.2
Tetrachloro-m-xylene	4.212	4.114	4.314	58.160	50.000	16.3

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/23/2014 11/23/2014

Client Sample No.: CCAL07 **Date Analyzed:** 12/05/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP006621.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.286	4.190	4.390	646.380	500.000	29.3
Aroclor-1016-2	4.569	4.473	4.673	555.340	500.000	11.1
Aroclor-1016-3	4.685	4.589	4.789	589.420	500.000	17.9
Aroclor-1016-4	4.724	4.629	4.829	581.600	500.000	16.3
Aroclor-1016-5	4.931	4.836	5.036	597.180	500.000	19.4
Aroclor-1260-1	5.934	5.840	6.040	584.670	500.000	16.9
Aroclor-1260-2	6.117	6.023	6.223	566.660	500.000	13.3
Aroclor-1260-3	6.268	6.175	6.375	589.240	500.000	17.8
Aroclor-1260-4	6.731	6.638	6.838	588.110	500.000	17.6
Aroclor-1260-5	6.969	6.876	7.076	599.700	500.000	19.9
Decachlorobiphenyl	8.295	8.203	8.403	54.700	50.000	9.4
Tetrachloro-m-xylene	3.452	3.355	3.555	65.680	50.000	31.4

Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/23/2014 11/23/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/23/2014	12:49	PP006372.D	9.74	4.21
AR1660ICC1000	AR1660ICC1000	11/23/2014	13:04	PP006373.D	9.74	4.21
AR1660ICC750	AR1660ICC750	11/23/2014	13:19	PP006374.D	9.74	4.21
AR1660ICC500	AR1660ICC500	11/23/2014	13:34	PP006375.D	9.74	4.21
AR1660ICC250	AR1660ICC250	11/23/2014	13:50	PP006376.D	9.74	4.21
AR1660ICC50	AR1660ICC50	11/23/2014	14:05	PP006377.D	9.74	4.21
AR1221ICC500	AR1221ICC500	11/23/2014	14:20	PP006378.D	9.74	4.21
AR1232ICC500	AR1232ICC500	11/23/2014	14:36	PP006379.D	9.74	4.21
AR1242ICC500	AR1242ICC500	11/23/2014	14:51	PP006380.D	9.74	4.21
AR1248ICC500	AR1248ICC500	11/23/2014	15:06	PP006381.D	9.74	4.21
AR1254ICC500	AR1254ICC500	11/23/2014	15:22	PP006382.D	9.74	4.21
AR1262ICC500	AR1262ICC500	11/23/2014	15:37	PP006383.D	9.74	4.21
AR1268ICC500	AR1268ICC500	11/23/2014	15:52	PP006384.D	9.74	4.21
I.BLK	I.BLK	12/04/2014	11:56	PP006548.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/04/2014	12:11	PP006549.D	9.73	4.21
PB80683BL	PB80683BL	12/04/2014	17:16	PP006551.D	9.74	4.22
PB80683BS	PB80683BS	12/04/2014	17:31	PP006552.D	9.73	4.21
PB80683BSD	PB80683BSD	12/04/2014	17:46	PP006553.D	9.73	4.21
EB12214	F4956-06	12/04/2014	19:18	PP006559.D	9.73	4.21
I.BLK	I.BLK	12/04/2014	19:33	PP006560.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/04/2014	19:48	PP006561.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	01:39	PP006584.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	01:54	PP006585.D	9.73	4.21
PB80693BL	PB80693BL	12/05/2014	02:40	PP006588.D	9.73	4.21
PB80693BS	PB80693BS	12/05/2014	02:55	PP006589.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	04:42	PP006596.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	04:57	PP006597.D	9.73	4.21
B-2(2.5-5)	F4956-02	12/05/2014	07:30	PP006607.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	07:45	PP006608.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	08:00	PP006609.D	9.73	4.21
B-3(2.5-5)	F4956-03	12/05/2014	08:15	PP006610.D	9.73	4.21
B-3(2.5-5)MS	F4956-04MS	12/05/2014	09:07	PP006611.D	9.74	4.22
B-3(2.5-5)MSD	F4956-05MSD	12/05/2014	09:22	PP006612.D	9.73	4.21
B-4(5-7)	F4956-07	12/05/2014	09:37	PP006613.D	9.73	4.21
FD12214	F4956-08	12/05/2014	09:52	PP006614.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	10:07	PP006615.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	10:22	PP006616.D	9.73	4.21
B-1(5-7.5)	F4956-01	12/05/2014	13:48	PP006619.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	15:49	PP006620.D	9.74	4.22
AR1660CCC500	AR1660CCC500	12/05/2014	16:04	PP006621.D	9.73	4.21

Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/23/2014 11/23/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/23/2014	12:49	PP006372.D	9.74	4.21
AR1660ICC1000	AR1660ICC1000	11/23/2014	13:04	PP006373.D	9.74	4.21
AR1660ICC750	AR1660ICC750	11/23/2014	13:19	PP006374.D	9.74	4.21
AR1660ICC500	AR1660ICC500	11/23/2014	13:34	PP006375.D	9.74	4.21
AR1660ICC250	AR1660ICC250	11/23/2014	13:50	PP006376.D	9.74	4.21
AR1660ICC50	AR1660ICC50	11/23/2014	14:05	PP006377.D	9.74	4.21
AR1221ICC500	AR1221ICC500	11/23/2014	14:20	PP006378.D	9.74	4.21
AR1232ICC500	AR1232ICC500	11/23/2014	14:36	PP006379.D	9.74	4.21
AR1242ICC500	AR1242ICC500	11/23/2014	14:51	PP006380.D	9.74	4.21
AR1248ICC500	AR1248ICC500	11/23/2014	15:06	PP006381.D	9.74	4.21
AR1254ICC500	AR1254ICC500	11/23/2014	15:22	PP006382.D	9.74	4.21
AR1262ICC500	AR1262ICC500	11/23/2014	15:37	PP006383.D	9.74	4.21
AR1268ICC500	AR1268ICC500	11/23/2014	15:52	PP006384.D	9.74	4.21
I.BLK	I.BLK	12/04/2014	11:56	PP006548.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/04/2014	12:11	PP006549.D	9.73	4.21
PB80683BL	PB80683BL	12/04/2014	17:16	PP006551.D	9.74	4.22
PB80683BS	PB80683BS	12/04/2014	17:31	PP006552.D	9.73	4.21
PB80683BSD	PB80683BSD	12/04/2014	17:46	PP006553.D	9.73	4.21
EB12214	F4956-06	12/04/2014	19:18	PP006559.D	9.73	4.21
I.BLK	I.BLK	12/04/2014	19:33	PP006560.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/04/2014	19:48	PP006561.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	01:39	PP006584.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	01:54	PP006585.D	9.73	4.21
PB80693BL	PB80693BL	12/05/2014	02:40	PP006588.D	9.73	4.21
PB80693BS	PB80693BS	12/05/2014	02:55	PP006589.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	04:42	PP006596.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	04:57	PP006597.D	9.73	4.21
B-2(2.5-5)	F4956-02	12/05/2014	07:30	PP006607.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	07:45	PP006608.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	08:00	PP006609.D	9.73	4.21
B-3(2.5-5)	F4956-03	12/05/2014	08:15	PP006610.D	9.73	4.21
B-3(2.5-5)MS	F4956-04MS	12/05/2014	09:07	PP006611.D	9.74	4.22
B-3(2.5-5)MSD	F4956-05MSD	12/05/2014	09:22	PP006612.D	9.73	4.21
B-4(5-7)	F4956-07	12/05/2014	09:37	PP006613.D	9.73	4.21
FD12214	F4956-08	12/05/2014	09:52	PP006614.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	10:07	PP006615.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/05/2014	10:22	PP006616.D	9.73	4.21
B-1(5-7.5)	F4956-01	12/05/2014	13:48	PP006619.D	9.73	4.21
I.BLK	I.BLK	12/05/2014	15:49	PP006620.D	9.74	4.22
AR1660CCC500	AR1660CCC500	12/05/2014	16:04	PP006621.D	9.73	4.21

QC SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80683BL	SDG No.:	F4956
Lab Sample ID:	PB80683BL	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006551.D	1	12/04/14 08:00	12/04/14 17:16	PB80683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.9		35 - 137		74%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.8		40 - 135		59%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80693BL	SDG No.:	F4956
Lab Sample ID:	PB80693BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	0 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006588.D	1	12/04/14 08:00	12/05/14 02:40	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	17	U	3.3	3.3	17	ug/kg
11104-28-2	Aroclor-1221	17	U	3.3	3.3	17	ug/kg
11141-16-5	Aroclor-1232	17	U	3.3	3.3	17	ug/kg
53469-21-9	Aroclor-1242	17	U	3.3	3.3	17	ug/kg
12672-29-6	Aroclor-1248	17	U	3.3	3.3	17	ug/kg
11097-69-1	Aroclor-1254	17	U	1.5	3.3	17	ug/kg
11096-82-5	Aroclor-1260	17	U	3.3	3.3	17	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.2		10 - 166		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 125		99%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	11/23/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	11/23/14
Client Sample ID:	PIBLK-PP006372.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006372.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006372.D	1		11/23/14	PP112314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.4		35 - 137		97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18		40 - 135		90%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/04/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/04/14
Client Sample ID:	PIBLK-PP006548.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006548.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006548.D	1		12/04/14	pp120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.3		35 - 137		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		40 - 135		106%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/04/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/04/14
Client Sample ID:	PIBLK-PP006560.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006560.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006560.D	1		12/04/14	PP120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.3		35 - 137		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		40 - 135		102%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PP006584.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006584.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006584.D	1		12/05/14	PP120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.9		35 - 137		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		40 - 135		116%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PP006596.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006596.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006596.D	1		12/05/14	PP120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.7		35 - 137		124%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		40 - 135		118%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PP006608.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006608.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006608.D	1		12/05/14	PP120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.1		35 - 137		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.2		40 - 135		121%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PP006615.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006615.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006615.D	1		12/05/14	PP120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23		35 - 137		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		40 - 135		113%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PP006620.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PP006620.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006620.D	1		12/05/14	PP120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.2		35 - 137		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		40 - 135		79%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80683BS	SDG No.:	F4956
Lab Sample ID:	PB80683BS	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006552.D	1	12/04/14 08:00	12/04/14 17:31	PB80683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	2.1		0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	2.1	P	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.9		35 - 137		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		40 - 135		74%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80693BS	SDG No.:	F4956
Lab Sample ID:	PB80693BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006589.D	1	12/04/14 08:00	12/05/14 02:55	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	82.5		3.3	3.3	17	ug/kg
11104-28-2	Aroclor-1221	17	U	3.3	3.3	17	ug/kg
11141-16-5	Aroclor-1232	17	U	3.3	3.3	17	ug/kg
53469-21-9	Aroclor-1242	17	U	3.3	3.3	17	ug/kg
12672-29-6	Aroclor-1248	17	U	3.3	3.3	17	ug/kg
11097-69-1	Aroclor-1254	17	U	1.5	3.3	17	ug/kg
11096-82-5	Aroclor-1260	78.1		3.3	3.3	17	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.8		10 - 166		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 125		100%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80683BSD	SDG No.:	F4956
Lab Sample ID:	PB80683BSD	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006553.D	1	12/04/14 08:00	12/04/14 17:46	PB80683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	2.2		0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	2.3		0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.9		35 - 137		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	17		40 - 135		85%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006611.D	1	12/04/14 08:00	12/05/14 09:07	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	94.7	P	3.8	3.8	19.6	ug/kg
11104-28-2	Aroclor-1221	19.6	U	3.8	3.8	19.6	ug/kg
11141-16-5	Aroclor-1232	19.6	U	3.8	3.8	19.6	ug/kg
53469-21-9	Aroclor-1242	19.6	U	3.8	3.8	19.6	ug/kg
12672-29-6	Aroclor-1248	19.6	U	3.8	3.8	19.6	ug/kg
11097-69-1	Aroclor-1254	19.6	U	1.7	3.8	19.6	ug/kg
11096-82-5	Aroclor-1260	120	P	3.8	3.8	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.9		10 - 166		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 125		86%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP006612.D	1	12/04/14 08:00	12/05/14 09:22	PB80693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	93.7		3.8	3.8	19.6	ug/kg
11104-28-2	Aroclor-1221	19.6	U	3.8	3.8	19.6	ug/kg
11141-16-5	Aroclor-1232	19.6	U	3.8	3.8	19.6	ug/kg
53469-21-9	Aroclor-1242	19.6	U	3.8	3.8	19.6	ug/kg
12672-29-6	Aroclor-1248	19.6	U	3.8	3.8	19.6	ug/kg
11097-69-1	Aroclor-1254	19.6	U	1.7	3.8	19.6	ug/kg
11096-82-5	Aroclor-1260	110		3.8	3.8	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.6		10 - 166		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
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LAB CHRONICLE

OrderID:	F4956	**OrderDate:**	12/4/2014 9:13:00 AM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	G42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F4956-01	**B-1(5-7.5)**	**SOIL**			**12/02/14**			**12/03/14**
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-02	**B-2(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-03	**B-3(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-06	**EB12214**	**Water**			**12/02/14**			**12/03/14**
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-07	**B-4(5-7)**	**SOIL**			**12/02/14**			**12/03/14**
			Pesticide-TCL	8081B		12/04/14	12/05/14	
F4956-08	**FD12214**	**SOIL**			**12/02/14**			**12/03/14**
			Pesticide-TCL	8081B		12/04/14	12/05/14	

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Hit Summary Sheet
SW-846

SDG No.: **Order ID:**

Client: **Project ID:**

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	18.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025500.D	1	12/04/14 08:00	12/05/14 17:41	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.159	0.404	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.22	0.404	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.122	0.404	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.184	0.404	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.171	0.404	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.122	0.404	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.196	0.404	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.184	0.404	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.159	0.404	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.245	0.404	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.22	0.404	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.171	0.404	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.208	0.404	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.184	0.404	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.171	0.404	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.208	0.404	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.159	0.404	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.184	0.404	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.171	0.404	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.159	0.404	2.1	ug/kg
8001-35-2	Toxaphene	20.8	U	4.1	4.1	20.8	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	15.2		10 - 169		76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.8		31 - 151		74%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	18.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025500.D	1	12/04/14 08:00	12/05/14 17:41	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	11.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025501.D	1	12/04/14 08:00	12/05/14 17:55	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.9	U	0.147	0.373	1.9	ug/kg
319-85-7	beta-BHC	1.9	U	0.203	0.373	1.9	ug/kg
319-86-8	delta-BHC	1.9	U	0.113	0.373	1.9	ug/kg
58-89-9	gamma-BHC (Lindane)	1.9	U	0.169	0.373	1.9	ug/kg
76-44-8	Heptachlor	1.9	U	0.158	0.373	1.9	ug/kg
309-00-2	Aldrin	1.9	U	0.113	0.373	1.9	ug/kg
1024-57-3	Heptachlor epoxide	1.9	U	0.181	0.373	1.9	ug/kg
959-98-8	Endosulfan I	1.9	U	0.169	0.373	1.9	ug/kg
60-57-1	Dieldrin	1.9	U	0.147	0.373	1.9	ug/kg
72-55-9	4,4-DDE	1.9	U	0.226	0.373	1.9	ug/kg
72-20-8	Endrin	1.9	U	0.203	0.373	1.9	ug/kg
33213-65-9	Endosulfan II	1.9	U	0.158	0.373	1.9	ug/kg
72-54-8	4,4-DDD	1.9	U	0.192	0.373	1.9	ug/kg
1031-07-8	Endosulfan Sulfate	1.9	U	0.169	0.373	1.9	ug/kg
50-29-3	4,4-DDT	1.9	U	0.158	0.373	1.9	ug/kg
72-43-5	Methoxychlor	1.9	U	0.192	0.373	1.9	ug/kg
53494-70-5	Endrin ketone	1.9	U	0.147	0.373	1.9	ug/kg
7421-93-4	Endrin aldehyde	1.9	U	0.169	0.373	1.9	ug/kg
5103-71-9	alpha-Chlordane	1.9	U	0.158	0.373	1.9	ug/kg
5103-74-2	gamma-Chlordane	1.9	U	0.147	0.373	1.9	ug/kg
8001-35-2	Toxaphene	19.2	U	3.8	3.8	19.2	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.2		10 - 169		81%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		31 - 151		93%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	11.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025501.D	1	12/04/14 08:00	12/05/14 17:55	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025502.D	1	12/04/14 08:00	12/05/14 18:09	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2	U	0.15	0.381	2	ug/kg
319-85-7	beta-BHC	2	U	0.208	0.381	2	ug/kg
319-86-8	delta-BHC	2	U	0.115	0.381	2	ug/kg
58-89-9	gamma-BHC (Lindane)	2	U	0.173	0.381	2	ug/kg
76-44-8	Heptachlor	2	U	0.162	0.381	2	ug/kg
309-00-2	Aldrin	2	U	0.115	0.381	2	ug/kg
1024-57-3	Heptachlor epoxide	2	U	0.185	0.381	2	ug/kg
959-98-8	Endosulfan I	2	U	0.173	0.381	2	ug/kg
60-57-1	Dieldrin	2	U	0.15	0.381	2	ug/kg
72-55-9	4,4-DDE	2	U	0.231	0.381	2	ug/kg
72-20-8	Endrin	2	U	0.208	0.381	2	ug/kg
33213-65-9	Endosulfan II	2	U	0.162	0.381	2	ug/kg
72-54-8	4,4-DDD	2	U	0.196	0.381	2	ug/kg
1031-07-8	Endosulfan Sulfate	2	U	0.173	0.381	2	ug/kg
50-29-3	4,4-DDT	2	U	0.162	0.381	2	ug/kg
72-43-5	Methoxychlor	2	U	0.196	0.381	2	ug/kg
53494-70-5	Endrin ketone	2	U	0.15	0.381	2	ug/kg
7421-93-4	Endrin aldehyde	2	U	0.173	0.381	2	ug/kg
5103-71-9	alpha-Chlordane	2	U	0.162	0.381	2	ug/kg
5103-74-2	gamma-Chlordane	2	U	0.15	0.381	2	ug/kg
8001-35-2	Toxaphene	19.6	U	3.8	3.8	19.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.9		10 - 169		75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15		31 - 151		75%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025502.D	1	12/04/14 08:00	12/05/14 18:09	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025474.D	1	12/04/14 08:00	12/05/14 03:34	PB80684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	13		10 - 192		65%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		10 - 172		103%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025474.D	1	12/04/14 08:00	12/05/14 03:34	PB80684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025505.D	1	12/04/14 08:00	12/05/14 18:51	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.9	U	0.142	0.361	1.9	ug/kg
319-85-7	beta-BHC	1.9	U	0.197	0.361	1.9	ug/kg
319-86-8	delta-BHC	1.9	U	0.11	0.361	1.9	ug/kg
58-89-9	gamma-BHC (Lindane)	1.9	U	0.164	0.361	1.9	ug/kg
76-44-8	Heptachlor	1.9	U	0.153	0.361	1.9	ug/kg
309-00-2	Aldrin	1.9	U	0.11	0.361	1.9	ug/kg
1024-57-3	Heptachlor epoxide	1.9	U	0.175	0.361	1.9	ug/kg
959-98-8	Endosulfan I	1.9	U	0.164	0.361	1.9	ug/kg
60-57-1	Dieldrin	1.9	U	0.142	0.361	1.9	ug/kg
72-55-9	4,4-DDE	1.9	U	0.219	0.361	1.9	ug/kg
72-20-8	Endrin	1.9	U	0.197	0.361	1.9	ug/kg
33213-65-9	Endosulfan II	1.9	U	0.153	0.361	1.9	ug/kg
72-54-8	4,4-DDD	1.9	U	0.186	0.361	1.9	ug/kg
1031-07-8	Endosulfan Sulfate	1.9	U	0.164	0.361	1.9	ug/kg
50-29-3	4,4-DDT	1.9	U	0.153	0.361	1.9	ug/kg
72-43-5	Methoxychlor	1.9	U	0.186	0.361	1.9	ug/kg
53494-70-5	Endrin ketone	1.9	U	0.142	0.361	1.9	ug/kg
7421-93-4	Endrin aldehyde	1.9	U	0.164	0.361	1.9	ug/kg
5103-71-9	alpha-Chlordane	1.9	U	0.153	0.361	1.9	ug/kg
5103-74-2	gamma-Chlordane	1.9	U	0.142	0.361	1.9	ug/kg
8001-35-2	Toxaphene	18.6	U	3.6	3.6	18.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.8		10 - 169		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		31 - 151		95%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025505.D	1	12/04/14 08:00	12/05/14 18:51	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	9.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025506.D	1	12/04/14 08:00	12/05/14 19:05	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.9	U	0.144	0.366	1.9	ug/kg
319-85-7	beta-BHC	1.9	U	0.2	0.366	1.9	ug/kg
319-86-8	delta-BHC	1.9	U	0.111	0.366	1.9	ug/kg
58-89-9	gamma-BHC (Lindane)	1.9	U	0.166	0.366	1.9	ug/kg
76-44-8	Heptachlor	1.9	U	0.155	0.366	1.9	ug/kg
309-00-2	Aldrin	1.9	U	0.111	0.366	1.9	ug/kg
1024-57-3	Heptachlor epoxide	1.9	U	0.177	0.366	1.9	ug/kg
959-98-8	Endosulfan I	1.9	U	0.166	0.366	1.9	ug/kg
60-57-1	Dieldrin	1.9	U	0.144	0.366	1.9	ug/kg
72-55-9	4,4-DDE	1.9	U	0.222	0.366	1.9	ug/kg
72-20-8	Endrin	1.9	U	0.2	0.366	1.9	ug/kg
33213-65-9	Endosulfan II	1.9	U	0.155	0.366	1.9	ug/kg
72-54-8	4,4-DDD	1.9	U	0.188	0.366	1.9	ug/kg
1031-07-8	Endosulfan Sulfate	1.9	U	0.166	0.366	1.9	ug/kg
50-29-3	4,4-DDT	1.9	U	0.155	0.366	1.9	ug/kg
72-43-5	Methoxychlor	1.9	U	0.188	0.366	1.9	ug/kg
53494-70-5	Endrin ketone	1.9	U	0.144	0.366	1.9	ug/kg
7421-93-4	Endrin aldehyde	1.9	U	0.166	0.366	1.9	ug/kg
5103-71-9	alpha-Chlordane	1.9	U	0.155	0.366	1.9	ug/kg
5103-74-2	gamma-Chlordane	1.9	U	0.144	0.366	1.9	ug/kg
8001-35-2	Toxaphene	18.8	U	3.7	3.7	18.8	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20		10 - 169		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		31 - 151		92%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	9.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025506.D	1	12/04/14 08:00	12/05/14 19:05	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

QC SUMMARY

Surrogate Summary

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery	Qual	Limits Low	Limits High
I.BLK-PD025149.D	PIBLK-PD025149.D	Decachlorobiphenyl	1	20	18.04	90		10	192
		Tetrachloro-m-xylene	1	20	17.93	90		10	172
		Decachlorobiphenyl	2	20	17.85	89		10	192
		Tetrachloro-m-xylene	2	20	17.46	87		10	172
I.BLK-PD025464.D	PIBLK-PD025464.D	Decachlorobiphenyl	1	20	19.29	96		10	192
		Tetrachloro-m-xylene	1	20	18.47	92		10	172
		Decachlorobiphenyl	2	20	19.2	96		10	192
		Tetrachloro-m-xylene	2	20	18.79	94		10	172
PB80684BL	PB80684BL	Decachlorobiphenyl	1	20	18.13	91		10	192
		Tetrachloro-m-xylene	1	20	17.07	85		10	172
		Decachlorobiphenyl	2	20	18.19	91		10	192
		Tetrachloro-m-xylene	2	20	17.34	87		10	172
PB80684BS	PB80684BS	Decachlorobiphenyl	1	20	18.64	93		10	192
		Tetrachloro-m-xylene	1	20	17.43	87		10	172
		Decachlorobiphenyl	2	20	18.43	92		10	192
		Tetrachloro-m-xylene	2	20	17.78	89		10	172
PB80684BSD	PB80684BSD	Decachlorobiphenyl	1	20	18.66	93		10	192
		Tetrachloro-m-xylene	1	20	17.46	87		10	172
		Decachlorobiphenyl	2	20	18.49	92		10	192
		Tetrachloro-m-xylene	2	20	17.62	88		10	172
F4956-06	EB12214	Decachlorobiphenyl	1	20	13	65		10	192
		Tetrachloro-m-xylene	1	20	20.57	103		10	172
		Decachlorobiphenyl	2	20	12.29	61		10	192
		Tetrachloro-m-xylene	2	20	18.31	92		10	172
I.BLK-PD025476.D	PIBLK-PD025476.D	Decachlorobiphenyl	1	20	19.28	96		10	192
		Tetrachloro-m-xylene	1	20	18.31	92		10	172
		Decachlorobiphenyl	2	20	19.17	96		10	192
		Tetrachloro-m-xylene	2	20	18.65	93		10	172
I.BLK-PD025481.D	PIBLK-PD025481.D	Decachlorobiphenyl	1	20	19.59	98		10	192
		Tetrachloro-m-xylene	1	20	18.81	94		10	172
		Decachlorobiphenyl	2	20	19.63	98		10	192
		Tetrachloro-m-xylene	2	20	18.68	93		10	172
PB80694BL	PB80694BL	Decachlorobiphenyl	1	20	18.2	91		10	169
		Tetrachloro-m-xylene	1	20	17.42	87		31	151
		Decachlorobiphenyl	2	20	18.11	91		10	169
		Tetrachloro-m-xylene	2	20	17.31	87		31	151
PB80694BS	PB80694BS	Decachlorobiphenyl	1	20	18.83	94		10	169
		Tetrachloro-m-xylene	1	20	18.2	91		31	151
		Decachlorobiphenyl	2	20	18.95	95		10	169
		Tetrachloro-m-xylene	2	20	18.03	90		31	151
I.BLK-PD025494.D	PIBLK-PD025494.D	Decachlorobiphenyl	1	20	19.63	98		10	192
		Tetrachloro-m-xylene	1	20	19.15	96		10	172
		Decachlorobiphenyl	2	20	19.58	98		10	192

Surrogate Summary

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery	Qual	Limits Low	Limits High
I.BLK-PD025494.D	PIBLK-PD025494.D	Tetrachloro-m-xylene	2	20	18.99	95		10	172
F4956-01	B-1(5-7.5)	Decachlorobiphenyl	1	20	15.21	76		10	169
		Tetrachloro-m-xylene	1	20	14.78	74		31	151
		Decachlorobiphenyl	2	20	15.53	78		10	169
		Tetrachloro-m-xylene	2	20	10.17	51		31	151
F4956-02	B-2(2.5-5)	Decachlorobiphenyl	1	20	16.16	81		10	169
		Tetrachloro-m-xylene	1	20	18.66	93		31	151
		Decachlorobiphenyl	2	20	16.13	81		10	169
		Tetrachloro-m-xylene	2	20	18.64	93		31	151
F4956-03	B-3(2.5-5)	Decachlorobiphenyl	1	20	14.94	75		10	169
		Tetrachloro-m-xylene	1	20	15.04	75		31	151
		Decachlorobiphenyl	2	20	14.93	75		10	169
		Tetrachloro-m-xylene	2	20	10.38	52		31	151
F4956-04MS	B-3(2.5-5)MS	Decachlorobiphenyl	1	20	16.84	84		10	169
		Tetrachloro-m-xylene	1	20	17.89	89		31	151
		Decachlorobiphenyl	2	20	17.32	87		10	169
		Tetrachloro-m-xylene	2	20	13.19	66		31	151
F4956-05MSD	B-3(2.5-5)MSD	Decachlorobiphenyl	1	20	16.98	85		10	169
		Tetrachloro-m-xylene	1	20	17.87	89		31	151
		Decachlorobiphenyl	2	20	17.45	87		10	169
		Tetrachloro-m-xylene	2	20	13.08	65		31	151
F4956-07	B-4(5-7)	Decachlorobiphenyl	1	20	20.79	104		10	169
		Tetrachloro-m-xylene	1	20	18.9	95		31	151
		Decachlorobiphenyl	2	20	21.13	106		10	169
		Tetrachloro-m-xylene	2	20	15.24	76		31	151
F4956-08	FD12214	Decachlorobiphenyl	1	20	19.96	100		10	169
		Tetrachloro-m-xylene	1	20	18.37	92		31	151
		Decachlorobiphenyl	2	20	20.26	101		10	169
		Tetrachloro-m-xylene	2	20	14.06	70		31	151
I.BLK-PD025507.D	PIBLK-PD025507.D	Decachlorobiphenyl	1	20	19.24	96		10	192
		Tetrachloro-m-xylene	1	20	19.62	98		10	172
		Decachlorobiphenyl	2	20	19.47	97		10	192
		Tetrachloro-m-xylene	2	20	19.28	96		10	172

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **DataFile :** PD025503.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**B-3(2.5-5)MS**											
F4956-04MS	alpha-BHC	19.3	0	17.3	ug/kg	90				16	147	
	beta-BHC	19.3	0	12.2	ug/kg	63				25	146	
	delta-BHC	19.3	0	17.3	ug/kg	90				11	146	
	gamma-BHC (Lindane)	19.3	0	14.4	ug/kg	75				21	147	
	Heptachlor	19.3	0	19.4	ug/kg	101				23	143	
	Aldrin	19.3	0	47.1	ug/kg	244	*			11	152	
	Heptachlor epoxide	19.3	0	12.2	ug/kg	63				22	147	
	Endosulfan I	19.3	0	28.8	ug/kg	149				10	164	
	Dieldrin	19.3	0	10.3	ug/kg	53				10	162	
	4,4-DDE	19.3	0	20.3	ug/kg	105				10	174	
	Endrin	19.3	0	9.5	ug/kg	49				10	171	
	Endosulfan II	19.3	0	10.5	ug/kg	54				11	146	
	4,4-DDD	19.3	0	14.4	ug/kg	75				10	150	
	Endosulfan sulfate	19.3	0	11.3	ug/kg	59				10	152	
	4,4-DDT	19.3	0	16.6	ug/kg	86				10	192	
	Methoxychlor	19.3	0	9.8	ug/kg	51				10	200	
	Endrin ketone	19.3	0	10.8	ug/kg	56				12	145	
	Endrin aldehyde	19.3	0	10.4	ug/kg	54				10	146	
	alpha-Chlordane	19.3	0	20.1	ug/kg	104				10	157	
	gamma-Chlordane	19.3	0	17.8	ug/kg	92				10	161	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **DataFile :** PD025504.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**B-3(2.5-5)MSD**											
F4956-05MSD	alpha-BHC	19.2	0	17.2	ug/kg	90		0		16	147	20
	beta-BHC	19.2	0	12.2	ug/kg	64		2		25	146	20
	delta-BHC	19.2	0	17.6	ug/kg	92		2		11	146	20
	gamma-BHC (Lindane)	19.2	0	14.3	ug/kg	74		1		21	147	20
	Heptachlor	19.2	0	19.4	ug/kg	101		0		23	143	20
	Aldrin	19.2	0	49.2	ug/kg	256	*	5		11	152	20
	Heptachlor epoxide	19.2	0	12.1	ug/kg	63		0		22	147	20
	Endosulfan I	19.2	0	29	ug/kg	151		1		10	164	20
	Dieldrin	19.2	0	10.4	ug/kg	54		2		10	162	20
	4,4-DDE	19.2	0	20.4	ug/kg	106		1		10	174	20
	Endrin	19.2	0	9.4	ug/kg	49		0		10	171	20
	Endosulfan II	19.2	0	10.6	ug/kg	55		2		11	146	20
	4,4-DDD	19.2	0	14.5	ug/kg	76		1		10	150	20
	Endosulfan sulfate	19.2	0	11.3	ug/kg	59		0		10	152	20
	4,4-DDT	19.2	0	16.6	ug/kg	86		0		10	192	20
	Methoxychlor	19.2	0	9.9	ug/kg	52		2		10	200	20
	Endrin ketone	19.2	0	10.9	ug/kg	57		2		12	145	20
	Endrin aldehyde	19.2	0	10.5	ug/kg	55		2		10	146	20
	alpha-Chlordane	19.2	0	20.2	ug/kg	105		1		10	157	20
	gamma-Chlordane	19.2	0	17.8	ug/kg	93		1		10	161	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **Datafile :** PD025467.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80684BS	alpha-BHC	0.5	0.483	ug/L	97				85	130	
	beta-BHC	0.5	0.477	ug/L	95				83	126	
	delta-BHC	0.5	0.473	ug/L	95				69	141	
	gamma-BHC (Lindane)	0.5	0.47	ug/L	94				82	129	
	Heptachlor	0.5	0.454	ug/L	91				79	127	
	Aldrin	0.5	0.476	ug/L	95				79	126	
	Heptachlor epoxide	0.5	0.474	ug/L	95				81	124	
	Endosulfan I	0.5	0.466	ug/L	93				85	122	
	Dieldrin	0.5	0.463	ug/L	93				83	125	
	4,4-DDE	0.5	0.466	ug/L	93				80	127	
	Endrin	0.5	0.432	ug/L	86				81	128	
	Endosulfan II	0.5	0.463	ug/L	93				82	123	
	4,4-DDD	0.5	0.466	ug/L	93				77	131	
	Endosulfan sulfate	0.5	0.495	ug/L	99				76	129	
	4,4-DDT	0.5	0.456	ug/L	91				80	133	
	Methoxychlor	0.5	0.437	ug/L	87				76	137	
	Endrin ketone	0.5	0.468	ug/L	94				80	131	
	Endrin aldehyde	0.5	0.448	ug/L	90				82	127	
	alpha-Chlordane	0.5	0.472	ug/L	94				82	125	
	gamma-Chlordane	0.5	0.47	ug/L	94				82	125	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **Datafile :** PD025468.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80684BSD	alpha-BHC	0.5	0.48	ug/L	96	1			85	130	20
	beta-BHC	0.5	0.477	ug/L	95	0			83	126	20
	delta-BHC	0.5	0.472	ug/L	94	1			69	141	20
	gamma-BHC (Lindane)	0.5	0.47	ug/L	94	0			82	129	20
	Heptachlor	0.5	0.452	ug/L	90	1			79	127	20
	Aldrin	0.5	0.477	ug/L	95	0			79	126	20
	Heptachlor epoxide	0.5	0.475	ug/L	95	0			81	124	20
	Endosulfan I	0.5	0.467	ug/L	93	0			85	122	20
	Dieldrin	0.5	0.462	ug/L	92	1			83	125	20
	4,4-DDE	0.5	0.465	ug/L	93	0			80	127	20
	Endrin	0.5	0.425	ug/L	85	1			81	128	20
	Endosulfan II	0.5	0.464	ug/L	93	0			82	123	20
	4,4-DDD	0.5	0.468	ug/L	94	1			77	131	20
	Endosulfan sulfate	0.5	0.495	ug/L	99	0			76	129	20
	4,4-DDT	0.5	0.452	ug/L	90	1			80	133	20
	Methoxychlor	0.5	0.433	ug/L	87	0			76	137	20
	Endrin ketone	0.5	0.467	ug/L	93	1			80	131	20
	Endrin aldehyde	0.5	0.448	ug/L	90	0			82	127	20
	alpha-Chlordane	0.5	0.472	ug/L	94	0			82	125	20
	gamma-Chlordane	0.5	0.47	ug/L	94	0			82	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F4956

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **Datafile :** PD025485.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB80694BS	alpha-BHC	16.7	16.7	ug/kg	100				84	123	
	beta-BHC	16.7	16.4	ug/kg	98				82	123	
	delta-BHC	16.7	16.4	ug/kg	98				83	126	
	gamma-BHC (Lindane)	16.7	16.3	ug/kg	98				83	125	
	Heptachlor	16.7	15.6	ug/kg	93				83	122	
	Aldrin	16.7	16.5	ug/kg	99				82	124	
	Heptachlor epoxide	16.7	16.6	ug/kg	99				83	120	
	Endosulfan I	16.7	16.2	ug/kg	97				81	124	
	Dieldrin	16.7	16	ug/kg	96				85	121	
	4,4-DDE	16.7	16.1	ug/kg	96				81	123	
	Endrin	16.7	14.8	ug/kg	89				76	130	
	Endosulfan II	16.7	16	ug/kg	96				80	125	
	4,4-DDD	16.7	16.2	ug/kg	97				80	131	
	Endosulfan sulfate	16.7	16.9	ug/kg	101				81	122	
	4,4-DDT	16.7	15.6	ug/kg	93				70	129	
	Methoxychlor	16.7	14.9	ug/kg	89				78	129	
	Endrin ketone	16.7	16.1	ug/kg	96				77	132	
	Endrin aldehyde	16.7	15.3	ug/kg	92				79	124	
	alpha-Chlordane	16.7	16.3	ug/kg	98				84	120	
	gamma-Chlordane	16.7	16.3	ug/kg	98				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB80684BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab Sample ID: PB80684BL Lab File ID: PD025466.D

Matrix: (soil/water) Water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 12/04/2014

Date Analyzed (1): 12/05/2014 Date Analyzed (2): 12/05/2014

Time Analyzed (1): 01:42 Time Analyzed (2): 01:42

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB80684BS	PB80684BS	PD025467.D	12/05/2014	12/05/2014
PB80684BSD	PB80684BSD	PD025468.D	12/05/2014	12/05/2014
EB12214	F4956-06	PD025474.D	12/05/2014	12/05/2014

COMMENTS:

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB80694BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F4956 SAS No.: F4956 SDG NO.: F4956

Lab Sample ID: PB80694BL Lab File ID: PD025484.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 12/04/2014

Date Analyzed (1): 12/05/2014 Date Analyzed (2): 12/05/2014

Time Analyzed (1): 13:58 Time Analyzed (2): 13:58

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB80694BS	PB80694BS	PD025485.D	12/05/2014	12/05/2014
B-1(5-7.5)	F4956-01	PD025500.D	12/05/2014	12/05/2014
B-2(2.5-5)	F4956-02	PD025501.D	12/05/2014	12/05/2014
B-3(2.5-5)	F4956-03	PD025502.D	12/05/2014	12/05/2014
B-3(2.5-5)MS	F4956-04MS	PD025503.D	12/05/2014	12/05/2014
B-3(2.5-5)MSD	F4956-05MSD	PD025504.D	12/05/2014	12/05/2014
B-4(5-7)	F4956-07	PD025505.D	12/05/2014	12/05/2014
FD12214	F4956-08	PD025506.D	12/05/2014	12/05/2014

COMMENTS:

QC SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80684BL	SDG No.:	F4956
Lab Sample ID:	PB80684BL	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025466.D	1	12/04/14 08:00	12/05/14 01:42	PB80684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.1		10 - 192		91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.1		10 - 172		85%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80684BL	SDG No.:	F4956
Lab Sample ID:	PB80684BL	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025466.D	1	12/04/14 08:00	12/05/14 01:42	PB80684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80694BL	SDG No.:	F4956
Lab Sample ID:	PB80694BL	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025484.D	1	12/04/14 08:00	12/05/14 13:58	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.7	U	0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	1.7	U	0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	1.7	U	0.1	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	1.7	U	0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	1.7	U	0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	1.7	U	0.1	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	1.7	U	0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	1.7	U	0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	1.7	U	0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	1.7	U	0.2	0.33	1.7	ug/kg
72-20-8	Endrin	1.7	U	0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	1.7	U	0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	1.7	U	0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	1.7	U	0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	1.7	U	0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	1.7	U	0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	1.7	U	0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	1.7	U	0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	1.7	U	0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	1.7	U	0.13	0.33	1.7	ug/kg
8001-35-2	Toxaphene	17	U	3.3	3.3	17	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.2		10 - 169		91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		31 - 151		87%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80694BL	SDG No.:	F4956
Lab Sample ID:	PB80694BL	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025484.D	1	12/04/14 08:00	12/05/14 13:58	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	11/21/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	11/21/14
Client Sample ID:	PIBLK-PD025149.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025149.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025149.D	1		11/21/14	PD112114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18		10 - 192		90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		10 - 172		90%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	11/21/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	11/21/14
Client Sample ID:	PIBLK-PD025149.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025149.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025149.D	1		11/21/14	PD112114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025464.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025464.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025464.D	1		12/05/14	PD120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.3		10 - 192		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		10 - 172		92%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025464.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025464.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025464.D	1		12/05/14	PD120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025476.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025476.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025476.D	1		12/05/14	PD120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.3		10 - 192		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		10 - 172		92%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025476.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025476.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025476.D	1		12/05/14	PD120414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025481.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025481.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025481.D	1		12/05/14	PD120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.6		10 - 192		98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		10 - 172		94%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025481.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025481.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025481.D	1		12/05/14	PD120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025494.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025494.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025494.D	1		12/05/14	PD120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.6		10 - 192		98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		10 - 172		96%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025494.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025494.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025494.D	1		12/05/14	PD120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025507.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025507.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025507.D	1		12/05/14	PD120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.2		10 - 192		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		10 - 172		98%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/05/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/05/14
Client Sample ID:	PIBLK-PD025507.D	SDG No.:	F4956
Lab Sample ID:	I.BLK-PD025507.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025507.D	1		12/05/14	PD120514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80684BS	SDG No.:	F4956
Lab Sample ID:	PB80684BS	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025467.D	1	12/04/14 08:00	12/05/14 01:56	PB80684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.483		0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.477		0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.473		0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.47		0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.454		0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.476		0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.474		0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.466		0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.463		0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.466		0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.432		0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.463		0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.466		0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.495		0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.456		0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.437		0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.468		0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.448		0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.472		0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.47		0.005	0.01	0.05	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.6		10 - 192		93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		10 - 172		87%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80694BS	SDG No.:	F4956
Lab Sample ID:	PB80694BS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025485.D	1	12/04/14 08:00	12/05/14 14:12	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	16.7		0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	16.4		0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	16.4		0.1	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	16.3		0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	15.6		0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	16.5		0.1	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	16.6		0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	16.2		0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	16		0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	16.1		0.2	0.33	1.7	ug/kg
72-20-8	Endrin	14.8		0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	16		0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	16.2		0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	16.9		0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	15.6		0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	14.9		0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	16.1		0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	15.3		0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	16.3		0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	16.3		0.13	0.33	1.7	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.8		10 - 169		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		31 - 151		91%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB80684BSD	SDG No.:	F4956
Lab Sample ID:	PB80684BSD	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025468.D	1	12/04/14 08:00	12/05/14 02:10	PB80684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.48		0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.477		0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.472		0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.47		0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.452		0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.477		0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.475		0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.467		0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.462		0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.465		0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.425		0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.464		0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.468		0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.495		0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.452		0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.433		0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.467		0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.448		0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.472		0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.47		0.005	0.01	0.05	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.7		10 - 192		93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		10 - 172		87%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025503.D	1	12/04/14 08:00	12/05/14 18:23	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	17.3		0.15	0.381	2	ug/kg
319-85-7	beta-BHC	12.2		0.208	0.381	2	ug/kg
319-86-8	delta-BHC	17.3	P	0.116	0.381	2	ug/kg
58-89-9	gamma-BHC (Lindane)	14.4		0.173	0.381	2	ug/kg
76-44-8	Heptachlor	19.4		0.162	0.381	2	ug/kg
309-00-2	Aldrin	47.1	EP	0.116	0.381	2	ug/kg
1024-57-3	Heptachlor epoxide	12.2		0.185	0.381	2	ug/kg
959-98-8	Endosulfan I	28.8	P	0.173	0.381	2	ug/kg
60-57-1	Dieldrin	10.3		0.15	0.381	2	ug/kg
72-55-9	4,4-DDE	20.3		0.231	0.381	2	ug/kg
72-20-8	Endrin	9.5		0.208	0.381	2	ug/kg
33213-65-9	Endosulfan II	10.5		0.162	0.381	2	ug/kg
72-54-8	4,4-DDD	14.4		0.196	0.381	2	ug/kg
1031-07-8	Endosulfan Sulfate	11.3		0.173	0.381	2	ug/kg
50-29-3	4,4-DDT	16.6		0.162	0.381	2	ug/kg
72-43-5	Methoxychlor	9.8		0.196	0.381	2	ug/kg
53494-70-5	Endrin ketone	10.8		0.15	0.381	2	ug/kg
7421-93-4	Endrin aldehyde	10.4		0.173	0.381	2	ug/kg
5103-71-9	alpha-Chlordane	20.1		0.162	0.381	2	ug/kg
5103-74-2	gamma-Chlordane	17.8		0.15	0.381	2	ug/kg
8001-35-2	Toxaphene	19.6	U	3.8	3.8	19.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.8		10 - 169		84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		31 - 151		89%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MS	SDG No.:	F4956
Lab Sample ID:	F4956-04MS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025503.D	1	12/04/14 08:00	12/05/14 18:23	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025504.D	1	12/04/14 08:00	12/05/14 18:37	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	17.2		0.15	0.381	2	ug/kg
319-85-7	beta-BHC	12.2		0.208	0.381	2	ug/kg
319-86-8	delta-BHC	17.6	P	0.115	0.381	2	ug/kg
58-89-9	gamma-BHC (Lindane)	14.3		0.173	0.381	2	ug/kg
76-44-8	Heptachlor	19.4		0.162	0.381	2	ug/kg
309-00-2	Aldrin	49.2	EP	0.115	0.381	2	ug/kg
1024-57-3	Heptachlor epoxide	12.1		0.185	0.381	2	ug/kg
959-98-8	Endosulfan I	29	P	0.173	0.381	2	ug/kg
60-57-1	Dieldrin	10.4		0.15	0.381	2	ug/kg
72-55-9	4,4-DDE	20.4		0.231	0.381	2	ug/kg
72-20-8	Endrin	9.4		0.208	0.381	2	ug/kg
33213-65-9	Endosulfan II	10.6		0.162	0.381	2	ug/kg
72-54-8	4,4-DDD	14.5		0.196	0.381	2	ug/kg
1031-07-8	Endosulfan Sulfate	11.3		0.173	0.381	2	ug/kg
50-29-3	4,4-DDT	16.6		0.162	0.381	2	ug/kg
72-43-5	Methoxychlor	9.9		0.196	0.381	2	ug/kg
53494-70-5	Endrin ketone	10.9		0.15	0.381	2	ug/kg
7421-93-4	Endrin aldehyde	10.5		0.173	0.381	2	ug/kg
5103-71-9	alpha-Chlordane	20.2		0.162	0.381	2	ug/kg
5103-74-2	gamma-Chlordane	17.8		0.15	0.381	2	ug/kg
8001-35-2	Toxaphene	19.6	U	3.8	3.8	19.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17		10 - 169		85%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		31 - 151		89%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)MSD	SDG No.:	F4956
Lab Sample ID:	F4956-05MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD025504.D	1	12/04/14 08:00	12/05/14 18:37	PB80694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_D **Calibration Date(s):** 11/21/2014 11/21/2014

Calibration Times: 15:42 16:38

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD025152.D RT 075 = PD025153.D

RT 050 = PD025154.D RT 025 = PD025155.D RT 005 = PD025156.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.56	6.56	6.56	6.56	6.56	6.56	6.46	6.66
4,4'-DDE	6.07	6.07	6.08	6.07	6.07	6.07	5.97	6.17
4,4'-DDT	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	4.16	4.16	4.16	4.16	4.16	4.16	4.06	4.26
alpha-Chlordane	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
beta-BHC	4.61	4.61	4.61	4.61	4.61	4.61	4.51	4.71
Decachlorobiphenyl	8.72	8.72	8.72	8.72	8.72	8.72	8.62	8.82
delta-BHC	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Dieldrin	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Endosulfan I	5.96	5.96	5.96	5.95	5.96	5.95	5.85	6.05
Endosulfan II	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Endosulfan sulfate	6.97	6.97	6.97	6.97	6.97	6.97	6.87	7.07
Endrin	6.42	6.42	6.42	6.42	6.42	6.42	6.32	6.52
Endrin aldehyde	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Endrin ketone	7.43	7.43	7.43	7.43	7.43	7.43	7.33	7.53
gamma-BHC (Lindane)	4.44	4.44	4.44	4.44	4.44	4.44	4.34	4.54
gamma-Chlordane	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Methoxychlor	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Tetrachloro-m-xylene	3.79	3.79	3.79	3.78	3.79	3.78	3.68	3.88

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_D **Calibration Date(s):** 11/21/2014 11/21/2014

Calibration Times: 15:42 16:38

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD025152.D RT 075 = PD025153.D

RT 050 = PD025154.D RT 025 = PD025155.D RT 005 = PD025156.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.96	5.96	5.97	5.96	5.96	5.96	5.86	6.06
4,4'-DDE	5.45	5.45	5.45	5.45	5.45	5.45	5.35	5.55
4,4'-DDT	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aldrin	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
alpha-BHC	3.77	3.77	3.77	3.77	3.77	3.77	3.67	3.87
alpha-Chlordane	5.29	5.29	5.29	5.29	5.29	5.29	5.19	5.39
beta-BHC	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
Decachlorobiphenyl	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
delta-BHC	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Dieldrin	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Endosulfan I	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Endosulfan II	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Endosulfan sulfate	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Endrin	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Endrin aldehyde	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
gamma-Chlordane	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Heptachlor	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor epoxide	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Methoxychlor	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Tetrachloro-m-xylene	3.34	3.34	3.34	3.34	3.34	3.34	3.24	3.44

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_D **Calibration Date(s):** 11/21/2014 11/21/2014

Calibration Times: 15:42 16:38

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 100 =** PD025152.D **CF 075 =** PD025153.D

CF 050 = PD025154.D **CF 025 =** PD025155.D **CF 005 =** PD025156.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	895297	842676	848435	759968	787503	826776	6
4,4'-DDE	1086880	1024800	1031530	920340	960660	1004840	6
4,4'-DDT	982099	925292	938861	845034	927578	923773	5
Aldrin	1160770	1088430	1087290	959224	959594	1051060	8
alpha-BHC	1369950	1272030	1251130	1059610	959629	1182470	14
alpha-Chlordane	1093190	1034960	1053230	959389	998683	1027890	5
beta-BHC	522031	503098	519129	485614	492947	504564	3
Decachlorobiphenyl	1112820	1095480	1154560	1131790	1292410	1157410	7
delta-BHC	1260410	1174030	1164360	1003970	1018530	1124260	10
Dieldrin	1109860	1047980	1055260	952036	1051110	1043250	5
Endosulfan I	1045600	987767	1004510	908587	959864	981265	5
Endosulfan II	983329	939084	958788	875847	915569	934523	4
Endosulfan sulfate	870232	829824	847840	783606	802507	826802	4
Endrin	1019630	957569	967919	873984	935001	950821	6
Endrin aldehyde	841079	809142	835428	789833	913456	837788	6
Endrin ketone	1115160	1071370	1095640	1008470	1091390	1076410	4
gamma-BHC (Lindane)	1243950	1163610	1154650	1008480	978558	1109850	10
gamma-Chlordane	1118000	1051380	1064090	959028	1004250	1039350	6
Heptachlor	1310800	1235450	1240280	1107250	1148410	1208440	7
Heptachlor epoxide	1085430	1036020	1049520	946404	981378	1019750	5
Methoxychlor	559921	541214	561386	542420	583987	557786	3
Tetrachloro-m-xylene	894501	854377	872500	799986	834228	851118	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_D

Calibration Date(s): 11/21/2014 11/21/2014

Calibration Times: 15:42 16:38

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 100 =** PD025152.D **CF 075 =** PD025153.D

CF 050 = PD025154.D **CF 025 =** PD025155.D **CF 005 =** PD025156.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2863710	2741130	2818730	2593990	2690370	2741590	4
4,4'-DDE	3548980	3396910	3494380	3220020	3360230	3404110	4
4,4'-DDT	3089190	2952880	3033130	2760880	2771240	2921470	5
Aldrin	3990780	3828530	3930770	3610980	3743870	3820990	4
alpha-BHC	4775440	4548030	4635270	4162110	4186280	4461430	6
alpha-Chlordane	3663530	3519300	3647440	3417070	3714830	3592440	3
beta-BHC	1768600	1718540	1795180	1696870	1837240	1763290	3
Decachlorobiphenyl	3224220	3134810	3279850	3154590	3471480	3252990	4
delta-BHC	4230670	4031800	4121660	3712610	3745790	3968510	6
Dieldrin	3811510	3645710	3759090	3456180	3617550	3658010	4
Endosulfan I	3477690	3345540	3465760	3240990	3482700	3402540	3
Endosulfan II	3206220	3104440	3228960	3025760	3236020	3160280	3
Endosulfan sulfate	2733950	2642750	2741230	2576490	2757950	2690480	3
Endrin	3410970	3280450	3389460	3137910	3326570	3309070	3
Endrin aldehyde	2668130	2597810	2714670	2562120	2755980	2659740	3
Endrin ketone	3628910	3521510	3667570	3415780	3654600	3577670	3
gamma-BHC (Lindane)	4471820	4306790	4469260	4291670	5474340	4602780	11
gamma-Chlordane	3788480	3631090	3740400	3472860	3671010	3660770	3
Heptachlor	4316100	4150220	4277320	3941290	4079340	4152850	4
Heptachlor epoxide	3713760	3576390	3704480	3458120	3649030	3620360	3
Methoxychlor	1645170	1612370	1690880	1617450	1704930	1654160	3
Tetrachloro-m-xylene	3095240	2973010	3104030	2900600	3039190	3022410	3

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_D **Date(s) Analyzed:** 11/21/2014 11/21/2014

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.88	6.78	6.98	53718700
		2	6.96	6.86	7.06	30247300
		3	7.05	6.95	7.15	20983800
		4	7.36	7.26	7.46	44943600
		5	7.71	7.61	7.81	17817700

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Instrument ID: ECD_D **Date(s) Analyzed:** 11/21/2014 11/21/2014

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.64	6.54	6.74	92610500
		2	6.74	6.64	6.84	113144000
		3	6.86	6.76	6.96	249199000
		4	7.16	7.06	7.26	83242200
		5	7.29	7.19	7.39	41462300

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 01:28 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.72	8.72	8.62	8.82	0.00
Tetrachloro-m-xylene	3.78	3.79	3.69	3.89	0.01
alpha-BHC	4.16	4.16	4.06	4.26	0.00
beta-BHC	4.61	4.61	4.51	4.71	0.00
delta-BHC	4.82	4.82	4.72	4.92	0.00
gamma-BHC (Lindane)	4.44	4.44	4.34	4.54	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.23	5.23	5.13	5.33	0.01
Heptachlor epoxide	5.61	5.61	5.51	5.71	0.00
Endosulfan I	5.95	5.96	5.86	6.06	0.01
Dieldrin	6.21	6.21	6.11	6.31	0.00
4,4'-DDE	6.07	6.08	5.98	6.18	0.01
Endrin	6.42	6.42	6.32	6.52	0.00
Endosulfan II	6.63	6.63	6.53	6.73	0.00
4,4'-DDD	6.56	6.56	6.46	6.66	0.01
Endosulfan sulfate	6.97	6.97	6.87	7.07	0.00
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.31	7.31	7.21	7.41	0.00
Endrin ketone	7.43	7.43	7.33	7.53	0.00
Endrin aldehyde	6.75	6.75	6.65	6.85	0.00
alpha-Chlordane	5.91	5.91	5.81	6.01	0.00
gamma-Chlordane	5.84	5.84	5.74	5.94	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 01:28 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.01	8.01	7.91	8.11	0.00
Tetrachloro-m-xylene	3.34	3.34	3.24	3.44	0.00
alpha-BHC	3.77	3.77	3.67	3.87	0.00
beta-BHC	4.30	4.30	4.20	4.40	0.00
delta-BHC	4.50	4.50	4.40	4.60	0.01
gamma-BHC (Lindane)	4.05	4.05	3.95	4.15	0.00
Heptachlor	4.33	4.33	4.23	4.43	0.00
Aldrin	4.57	4.57	4.47	4.67	0.00
Heptachlor epoxide	5.01	5.01	4.91	5.11	0.00
Endosulfan I	5.34	5.34	5.24	5.44	0.00
Dieldrin	5.58	5.58	5.48	5.68	0.00
4,4'-DDE	5.45	5.45	5.35	5.55	0.00
Endrin	5.84	5.84	5.74	5.94	0.00
Endosulfan II	6.11	6.11	6.01	6.21	0.00
4,4'-DDD	5.96	5.97	5.87	6.07	0.01
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.20	6.20	6.10	6.30	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.97	6.98	6.88	7.08	0.01
Endrin aldehyde	6.28	6.28	6.18	6.38	0.00
alpha-Chlordane	5.29	5.29	5.19	5.39	0.00
gamma-Chlordane	5.23	5.23	5.13	5.33	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025465.D **Time Analyzed:** 01:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.555	6.457	6.657	50.420	50.000	0.8
4,4'-DDE	6.072	5.975	6.175	50.790	50.000	1.6
4,4'-DDT	6.848	6.751	6.951	47.910	50.000	-4.2
Aldrin	5.225	5.127	5.327	51.320	50.000	2.6
alpha-BHC	4.160	4.061	4.261	52.110	50.000	4.2
alpha-Chlordane	5.908	5.810	6.010	50.660	50.000	1.3
beta-BHC	4.610	4.511	4.711	51.060	50.000	2.1
Decachlorobiphenyl	8.719	8.624	8.824	48.910	50.000	-2.2
delta-BHC	4.817	4.718	4.918	51.070	50.000	2.1
Dieldrin	6.206	6.107	6.307	50.080	50.000	0.2
Endosulfan I	5.953	5.855	6.055	50.680	50.000	1.4
Endosulfan II	6.627	6.529	6.729	50.800	50.000	1.6
Endosulfan sulfate	6.972	6.874	7.074	53.510	50.000	7.0
Endrin	6.418	6.320	6.520	47.670	50.000	-4.7
Endrin aldehyde	6.750	6.652	6.852	48.520	50.000	-3.0
Endrin ketone	7.429	7.332	7.532	52.080	50.000	4.2
gamma-BHC (Lindane)	4.436	4.337	4.537	51.380	50.000	2.8
gamma-Chlordane	5.837	5.740	5.940	50.720	50.000	1.4
Heptachlor	4.930	4.832	5.032	50.840	50.000	1.7
Heptachlor epoxide	5.606	5.507	5.707	51.030	50.000	2.1
Methoxychlor	7.309	7.211	7.411	47.540	50.000	-4.9
Tetrachloro-m-xylene	3.783	3.685	3.885	50.310	50.000	0.6

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025465.D **Time Analyzed:** 01:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.962	5.865	6.065	49.520	50.000	-1.0
4,4'-DDE	5.451	5.354	5.554	49.480	50.000	-1.0
4,4'-DDT	6.197	6.100	6.300	48.070	50.000	-3.9
Aldrin	4.572	4.474	4.674	49.970	50.000	-0.1
alpha-BHC	3.771	3.673	3.873	49.990	50.000	0.0
alpha-Chlordane	5.287	5.190	5.390	48.930	50.000	-2.1
beta-BHC	4.298	4.199	4.399	48.950	50.000	-2.1
Decachlorobiphenyl	8.006	7.910	8.110	49.630	50.000	-0.7
delta-BHC	4.495	4.396	4.596	49.170	50.000	-1.7
Dieldrin	5.580	5.482	5.682	49.220	50.000	-1.6
Endosulfan I	5.340	5.243	5.443	49.460	50.000	-1.1
Endosulfan II	6.108	6.010	6.210	49.040	50.000	-1.9
Endosulfan sulfate	6.485	6.388	6.588	52.690	50.000	5.4
Endrin	5.835	5.738	5.938	46.880	50.000	-6.2
Endrin aldehyde	6.277	6.179	6.379	48.710	50.000	-2.6
Endrin ketone	6.973	6.877	7.077	51.050	50.000	2.1
gamma-BHC (Lindane)	4.049	3.951	4.151	45.200	50.000	-9.6
gamma-Chlordane	5.229	5.132	5.332	49.350	50.000	-1.3
Heptachlor	4.332	4.234	4.434	49.830	50.000	-0.3
Heptachlor epoxide	5.010	4.912	5.112	49.880	50.000	-0.2
Methoxychlor	6.745	6.648	6.848	48.210	50.000	-3.6
Tetrachloro-m-xylene	3.335	3.236	3.436	49.300	50.000	-1.4

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 04:15 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.72	8.72	8.62	8.82	0.00
Tetrachloro-m-xylene	3.78	3.79	3.69	3.89	0.01
alpha-BHC	4.16	4.16	4.06	4.26	0.00
beta-BHC	4.61	4.61	4.51	4.71	0.00
delta-BHC	4.82	4.82	4.72	4.92	0.00
gamma-BHC (Lindane)	4.44	4.44	4.34	4.54	0.01
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.22	5.23	5.13	5.33	0.01
Heptachlor epoxide	5.61	5.61	5.51	5.71	0.00
Endosulfan I	5.95	5.96	5.86	6.06	0.01
Dieldrin	6.21	6.21	6.11	6.31	0.01
4,4'-DDE	6.07	6.08	5.98	6.18	0.01
Endrin	6.42	6.42	6.32	6.52	0.00
Endosulfan II	6.63	6.63	6.53	6.73	0.00
4,4'-DDD	6.55	6.56	6.46	6.66	0.01
Endosulfan sulfate	6.97	6.97	6.87	7.07	0.00
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.31	7.31	7.21	7.41	0.00
Endrin ketone	7.43	7.43	7.33	7.53	0.00
Endrin aldehyde	6.75	6.75	6.65	6.85	0.00
alpha-Chlordane	5.91	5.91	5.81	6.01	0.00
gamma-Chlordane	5.84	5.84	5.74	5.94	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 04:15 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.01	8.01	7.91	8.11	0.00
Tetrachloro-m-xylene	3.34	3.34	3.24	3.44	0.00
alpha-BHC	3.77	3.77	3.67	3.87	0.00
beta-BHC	4.30	4.30	4.20	4.40	0.00
delta-BHC	4.49	4.50	4.40	4.60	0.01
gamma-BHC (Lindane)	4.05	4.05	3.95	4.15	0.00
Heptachlor	4.33	4.33	4.23	4.43	0.00
Aldrin	4.57	4.57	4.47	4.67	0.00
Heptachlor epoxide	5.01	5.01	4.91	5.11	0.00
Endosulfan I	5.34	5.34	5.24	5.44	0.00
Dieldrin	5.58	5.58	5.48	5.68	0.00
4,4'-DDE	5.45	5.45	5.35	5.55	0.00
Endrin	5.84	5.84	5.74	5.94	0.00
Endosulfan II	6.11	6.11	6.01	6.21	0.00
4,4'-DDD	5.96	5.97	5.87	6.07	0.01
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.20	6.20	6.10	6.30	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.97	6.98	6.88	7.08	0.01
Endrin aldehyde	6.28	6.28	6.18	6.38	0.00
alpha-Chlordane	5.29	5.29	5.19	5.39	0.00
gamma-Chlordane	5.23	5.23	5.13	5.33	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025477.D **Time Analyzed:** 04:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.554	6.457	6.657	49.990	50.000	0.0
4,4'-DDE	6.072	5.975	6.175	50.320	50.000	0.6
4,4'-DDT	6.848	6.751	6.951	47.390	50.000	-5.2
Aldrin	5.224	5.127	5.327	50.670	50.000	1.3
alpha-BHC	4.160	4.061	4.261	51.340	50.000	2.7
alpha-Chlordane	5.907	5.810	6.010	50.070	50.000	0.1
beta-BHC	4.610	4.511	4.711	50.350	50.000	0.7
Decachlorobiphenyl	8.720	8.624	8.824	48.380	50.000	-3.2
delta-BHC	4.816	4.718	4.918	50.580	50.000	1.2
Dieldrin	6.205	6.107	6.307	49.230	50.000	-1.5
Endosulfan I	5.952	5.855	6.055	50.160	50.000	0.3
Endosulfan II	6.627	6.529	6.729	50.220	50.000	0.4
Endosulfan sulfate	6.972	6.874	7.074	53.070	50.000	6.1
Endrin	6.417	6.320	6.520	46.850	50.000	-6.3
Endrin aldehyde	6.749	6.652	6.852	47.460	50.000	-5.1
Endrin ketone	7.429	7.332	7.532	51.370	50.000	2.7
gamma-BHC (Lindane)	4.435	4.337	4.537	50.420	50.000	0.8
gamma-Chlordane	5.836	5.740	5.940	49.970	50.000	-0.1
Heptachlor	4.930	4.832	5.032	49.760	50.000	-0.5
Heptachlor epoxide	5.605	5.507	5.707	50.640	50.000	1.3
Methoxychlor	7.309	7.211	7.411	46.860	50.000	-6.3
Tetrachloro-m-xylene	3.783	3.685	3.885	49.290	50.000	-1.4

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025477.D **Time Analyzed:** 04:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.961	5.865	6.065	49.000	50.000	-2.0
4,4'-DDE	5.451	5.354	5.554	48.930	50.000	-2.1
4,4'-DDT	6.197	6.100	6.300	47.140	50.000	-5.7
Aldrin	4.571	4.474	4.674	49.600	50.000	-0.8
alpha-BHC	3.770	3.673	3.873	49.760	50.000	-0.5
alpha-Chlordane	5.286	5.190	5.390	48.390	50.000	-3.2
beta-BHC	4.297	4.199	4.399	48.790	50.000	-2.4
Decachlorobiphenyl	8.006	7.910	8.110	48.830	50.000	-2.3
delta-BHC	4.493	4.396	4.596	48.810	50.000	-2.4
Dieldrin	5.579	5.482	5.682	48.900	50.000	-2.2
Endosulfan I	5.340	5.243	5.443	48.980	50.000	-2.0
Endosulfan II	6.107	6.010	6.210	48.280	50.000	-3.4
Endosulfan sulfate	6.485	6.388	6.588	52.230	50.000	4.5
Endrin	5.835	5.738	5.938	46.480	50.000	-7.0
Endrin aldehyde	6.276	6.179	6.379	47.700	50.000	-4.6
Endrin ketone	6.973	6.877	7.077	50.460	50.000	0.9
gamma-BHC (Lindane)	4.049	3.951	4.151	44.810	50.000	-10.4
gamma-Chlordane	5.229	5.132	5.332	48.790	50.000	-2.4
Heptachlor	4.332	4.234	4.434	49.440	50.000	-1.1
Heptachlor epoxide	5.009	4.912	5.112	49.380	50.000	-1.2
Methoxychlor	6.744	6.648	6.848	47.110	50.000	-5.8
Tetrachloro-m-xylene	3.335	3.236	3.436	49.150	50.000	-1.7

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 13:39 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.72	8.72	8.62	8.82	0.00
Tetrachloro-m-xylene	3.78	3.79	3.69	3.89	0.01
alpha-BHC	4.16	4.16	4.06	4.26	0.00
beta-BHC	4.61	4.61	4.51	4.71	0.00
delta-BHC	4.82	4.82	4.72	4.92	0.00
gamma-BHC (Lindane)	4.44	4.44	4.34	4.54	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.23	5.23	5.13	5.33	0.01
Heptachlor epoxide	5.61	5.61	5.51	5.71	0.00
Endosulfan I	5.95	5.96	5.86	6.06	0.01
Dieldrin	6.21	6.21	6.11	6.31	0.00
4,4'-DDE	6.07	6.08	5.98	6.18	0.01
Endrin	6.42	6.42	6.32	6.52	0.00
Endosulfan II	6.63	6.63	6.53	6.73	0.00
4,4'-DDD	6.56	6.56	6.46	6.66	0.01
Endosulfan sulfate	6.97	6.97	6.87	7.07	0.00
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.31	7.31	7.21	7.41	0.00
Endrin ketone	7.43	7.43	7.33	7.53	0.00
Endrin aldehyde	6.75	6.75	6.65	6.85	0.00
alpha-Chlordane	5.91	5.91	5.81	6.01	0.00
gamma-Chlordane	5.84	5.84	5.74	5.94	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 13:39 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.01	8.01	7.91	8.11	0.00
Tetrachloro-m-xylene	3.34	3.34	3.24	3.44	0.00
alpha-BHC	3.77	3.77	3.67	3.87	0.00
beta-BHC	4.30	4.30	4.20	4.40	0.00
delta-BHC	4.49	4.50	4.40	4.60	0.01
gamma-BHC (Lindane)	4.05	4.05	3.95	4.15	0.00
Heptachlor	4.33	4.33	4.23	4.43	0.00
Aldrin	4.57	4.57	4.47	4.67	0.00
Heptachlor epoxide	5.01	5.01	4.91	5.11	0.00
Endosulfan I	5.34	5.34	5.24	5.44	0.00
Dieldrin	5.58	5.58	5.48	5.68	0.00
4,4'-DDE	5.45	5.45	5.35	5.55	0.00
Endrin	5.84	5.84	5.74	5.94	0.00
Endosulfan II	6.11	6.11	6.01	6.21	0.00
4,4'-DDD	5.96	5.97	5.87	6.07	0.01
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.20	6.20	6.10	6.30	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.97	6.98	6.88	7.08	0.01
Endrin aldehyde	6.28	6.28	6.18	6.38	0.00
alpha-Chlordane	5.29	5.29	5.19	5.39	0.00
gamma-Chlordane	5.23	5.23	5.13	5.33	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL03 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025483.D **Time Analyzed:** 13:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.555	6.457	6.657	50.800	50.000	1.6
4,4'-DDE	6.072	5.975	6.175	50.700	50.000	1.4
4,4'-DDT	6.849	6.751	6.951	47.060	50.000	-5.9
Aldrin	5.225	5.127	5.327	51.300	50.000	2.6
alpha-BHC	4.160	4.061	4.261	51.850	50.000	3.7
alpha-Chlordane	5.908	5.810	6.010	50.430	50.000	0.9
beta-BHC	4.610	4.511	4.711	50.760	50.000	1.5
Decachlorobiphenyl	8.720	8.624	8.824	49.750	50.000	-0.5
delta-BHC	4.817	4.718	4.918	50.920	50.000	1.8
Dieldrin	6.206	6.107	6.307	49.890	50.000	-0.2
Endosulfan I	5.953	5.855	6.055	50.440	50.000	0.9
Endosulfan II	6.627	6.529	6.729	50.690	50.000	1.4
Endosulfan sulfate	6.972	6.874	7.074	53.100	50.000	6.2
Endrin	6.417	6.320	6.520	46.470	50.000	-7.1
Endrin aldehyde	6.750	6.652	6.852	48.240	50.000	-3.5
Endrin ketone	7.429	7.332	7.532	52.550	50.000	5.1
gamma-BHC (Lindane)	4.436	4.337	4.537	51.290	50.000	2.6
gamma-Chlordane	5.837	5.740	5.940	50.500	50.000	1.0
Heptachlor	4.930	4.832	5.032	50.230	50.000	0.5
Heptachlor epoxide	5.605	5.507	5.707	51.180	50.000	2.4
Methoxychlor	7.309	7.211	7.411	46.910	50.000	-6.2
Tetrachloro-m-xylene	3.783	3.685	3.885	50.450	50.000	0.9

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL03 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025483.D **Time Analyzed:** 13:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.962	5.865	6.065	49.820	50.000	-0.4
4,4'-DDE	5.451	5.354	5.554	49.160	50.000	-1.7
4,4'-DDT	6.197	6.100	6.300	47.630	50.000	-4.7
Aldrin	4.571	4.474	4.674	49.650	50.000	-0.7
alpha-BHC	3.771	3.673	3.873	49.410	50.000	-1.2
alpha-Chlordane	5.287	5.190	5.390	48.760	50.000	-2.5
beta-BHC	4.298	4.199	4.399	48.440	50.000	-3.1
Decachlorobiphenyl	8.006	7.910	8.110	51.250	50.000	2.5
delta-BHC	4.494	4.396	4.596	48.740	50.000	-2.5
Dieldrin	5.580	5.482	5.682	49.190	50.000	-1.6
Endosulfan I	5.340	5.243	5.443	49.320	50.000	-1.4
Endosulfan II	6.107	6.010	6.210	49.120	50.000	-1.8
Endosulfan sulfate	6.485	6.388	6.588	52.540	50.000	5.1
Endrin	5.835	5.738	5.938	45.580	50.000	-8.8
Endrin aldehyde	6.276	6.179	6.379	48.370	50.000	-3.3
Endrin ketone	6.973	6.877	7.077	51.510	50.000	3.0
gamma-BHC (Lindane)	4.049	3.951	4.151	45.150	50.000	-9.7
gamma-Chlordane	5.229	5.132	5.332	49.240	50.000	-1.5
Heptachlor	4.332	4.234	4.434	49.290	50.000	-1.4
Heptachlor epoxide	5.010	4.912	5.112	49.560	50.000	-0.9
Methoxychlor	6.744	6.648	6.848	47.390	50.000	-5.2
Tetrachloro-m-xylene	3.335	3.236	3.436	49.630	50.000	-0.7

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 16:31 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.72	8.72	8.62	8.82	0.00
Tetrachloro-m-xylene	3.78	3.79	3.69	3.89	0.01
alpha-BHC	4.16	4.16	4.06	4.26	0.00
beta-BHC	4.61	4.61	4.51	4.71	0.00
delta-BHC	4.82	4.82	4.72	4.92	0.00
gamma-BHC (Lindane)	4.44	4.44	4.34	4.54	0.01
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.22	5.23	5.13	5.33	0.01
Heptachlor epoxide	5.61	5.61	5.51	5.71	0.00
Endosulfan I	5.95	5.96	5.86	6.06	0.01
Dieldrin	6.21	6.21	6.11	6.31	0.01
4,4'-DDE	6.07	6.08	5.98	6.18	0.01
Endrin	6.42	6.42	6.32	6.52	0.00
Endosulfan II	6.63	6.63	6.53	6.73	0.00
4,4'-DDD	6.55	6.56	6.46	6.66	0.01
Endosulfan sulfate	6.97	6.97	6.87	7.07	0.00
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.31	7.31	7.21	7.41	0.00
Endrin ketone	7.43	7.43	7.33	7.53	0.00
Endrin aldehyde	6.75	6.75	6.65	6.85	0.00
alpha-Chlordane	5.91	5.91	5.81	6.01	0.00
gamma-Chlordane	5.84	5.84	5.74	5.94	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 16:31 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.01	8.01	7.91	8.11	0.00
Tetrachloro-m-xylene	3.34	3.34	3.24	3.44	0.00
alpha-BHC	3.77	3.77	3.67	3.87	0.00
beta-BHC	4.30	4.30	4.20	4.40	0.00
delta-BHC	4.49	4.50	4.40	4.60	0.01
gamma-BHC (Lindane)	4.05	4.05	3.95	4.15	0.00
Heptachlor	4.33	4.33	4.23	4.43	0.00
Aldrin	4.57	4.57	4.47	4.67	0.00
Heptachlor epoxide	5.01	5.01	4.91	5.11	0.00
Endosulfan I	5.34	5.34	5.24	5.44	0.00
Dieldrin	5.58	5.58	5.48	5.68	0.00
4,4'-DDE	5.45	5.45	5.35	5.55	0.00
Endrin	5.83	5.84	5.74	5.94	0.01
Endosulfan II	6.11	6.11	6.01	6.21	0.00
4,4'-DDD	5.96	5.97	5.87	6.07	0.01
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.20	6.20	6.10	6.30	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.97	6.98	6.88	7.08	0.01
Endrin aldehyde	6.28	6.28	6.18	6.38	0.00
alpha-Chlordane	5.29	5.29	5.19	5.39	0.00
gamma-Chlordane	5.23	5.23	5.13	5.33	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL04 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025495.D **Time Analyzed:** 16:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.554	6.457	6.657	54.200	50.000	8.4
4,4'-DDE	6.072	5.975	6.175	54.180	50.000	8.4
4,4'-DDT	6.848	6.751	6.951	50.830	50.000	1.7
Aldrin	5.224	5.127	5.327	54.800	50.000	9.6
alpha-BHC	4.160	4.061	4.261	55.920	50.000	11.8
alpha-Chlordane	5.907	5.810	6.010	53.970	50.000	7.9
beta-BHC	4.610	4.511	4.711	54.320	50.000	8.6
Decachlorobiphenyl	8.720	8.624	8.824	51.980	50.000	4.0
delta-BHC	4.816	4.718	4.918	54.950	50.000	9.9
Dieldrin	6.205	6.107	6.307	53.160	50.000	6.3
Endosulfan I	5.953	5.855	6.055	54.360	50.000	8.7
Endosulfan II	6.627	6.529	6.729	53.890	50.000	7.8
Endosulfan sulfate	6.971	6.874	7.074	56.450	50.000	12.9
Endrin	6.417	6.320	6.520	50.090	50.000	0.2
Endrin aldehyde	6.750	6.652	6.852	51.050	50.000	2.1
Endrin ketone	7.429	7.332	7.532	55.480	50.000	11.0
gamma-BHC (Lindane)	4.435	4.337	4.537	55.020	50.000	10.0
gamma-Chlordane	5.837	5.740	5.940	53.800	50.000	7.6
Heptachlor	4.929	4.832	5.032	53.390	50.000	6.8
Heptachlor epoxide	5.605	5.507	5.707	53.950	50.000	7.9
Methoxychlor	7.309	7.211	7.411	49.550	50.000	-0.9
Tetrachloro-m-xylene	3.783	3.685	3.885	54.060	50.000	8.1

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL04 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025495.D **Time Analyzed:** 16:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.961	5.865	6.065	53.010	50.000	6.0
4,4'-DDE	5.451	5.354	5.554	52.420	50.000	4.8
4,4'-DDT	6.196	6.100	6.300	50.420	50.000	0.8
Aldrin	4.571	4.474	4.674	53.230	50.000	6.5
alpha-BHC	3.771	3.673	3.873	53.150	50.000	6.3
alpha-Chlordane	5.287	5.190	5.390	52.030	50.000	4.1
beta-BHC	4.297	4.199	4.399	51.460	50.000	2.9
Decachlorobiphenyl	8.005	7.910	8.110	53.640	50.000	7.3
delta-BHC	4.494	4.396	4.596	52.130	50.000	4.3
Dieldrin	5.579	5.482	5.682	52.380	50.000	4.8
Endosulfan I	5.340	5.243	5.443	52.550	50.000	5.1
Endosulfan II	6.106	6.010	6.210	52.390	50.000	4.8
Endosulfan sulfate	6.485	6.388	6.588	56.220	50.000	12.4
Endrin	5.834	5.738	5.938	49.240	50.000	-1.5
Endrin aldehyde	6.276	6.179	6.379	51.370	50.000	2.7
Endrin ketone	6.973	6.877	7.077	54.470	50.000	8.9
gamma-BHC (Lindane)	4.049	3.951	4.151	48.050	50.000	-3.9
gamma-Chlordane	5.228	5.132	5.332	52.310	50.000	4.6
Heptachlor	4.332	4.234	4.434	52.970	50.000	5.9
Heptachlor epoxide	5.009	4.912	5.112	52.910	50.000	5.8
Methoxychlor	6.744	6.648	6.848	50.100	50.000	0.2
Tetrachloro-m-xylene	3.335	3.236	3.436	52.760	50.000	5.5

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 19:33 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.72	8.72	8.62	8.82	0.00
Tetrachloro-m-xylene	3.78	3.79	3.69	3.89	0.01
alpha-BHC	4.16	4.16	4.06	4.26	0.00
beta-BHC	4.61	4.61	4.51	4.71	0.00
delta-BHC	4.82	4.82	4.72	4.92	0.00
gamma-BHC (Lindane)	4.44	4.44	4.34	4.54	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.23	5.23	5.13	5.33	0.01
Heptachlor epoxide	5.61	5.61	5.51	5.71	0.00
Endosulfan I	5.95	5.96	5.86	6.06	0.01
Dieldrin	6.21	6.21	6.11	6.31	0.00
4,4'-DDE	6.07	6.08	5.98	6.18	0.01
Endrin	6.42	6.42	6.32	6.52	0.00
Endosulfan II	6.63	6.63	6.53	6.73	0.00
4,4'-DDD	6.56	6.56	6.46	6.66	0.01
Endosulfan sulfate	6.97	6.97	6.87	7.07	0.00
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.31	7.31	7.21	7.41	0.00
Endrin ketone	7.43	7.43	7.33	7.53	0.00
Endrin aldehyde	6.75	6.75	6.65	6.85	0.00
alpha-Chlordane	5.91	5.91	5.81	6.01	0.00
gamma-Chlordane	5.84	5.84	5.74	5.94	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Continuing Calib Date: 12/05/2014 **Initial Calibration Date(s):** 11/21/2014 11/21/2014

Continuing Calib Time: 19:33 **Initial Calibration Time(s):** 16:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.01	8.01	7.91	8.11	0.00
Tetrachloro-m-xylene	3.34	3.34	3.24	3.44	0.00
alpha-BHC	3.77	3.77	3.67	3.87	0.00
beta-BHC	4.30	4.30	4.20	4.40	0.00
delta-BHC	4.49	4.50	4.40	4.60	0.01
gamma-BHC (Lindane)	4.05	4.05	3.95	4.15	0.00
Heptachlor	4.33	4.33	4.23	4.43	0.00
Aldrin	4.57	4.57	4.47	4.67	0.00
Heptachlor epoxide	5.01	5.01	4.91	5.11	0.00
Endosulfan I	5.34	5.34	5.24	5.44	0.00
Dieldrin	5.58	5.58	5.48	5.68	0.00
4,4'-DDE	5.45	5.45	5.35	5.55	0.00
Endrin	5.84	5.84	5.74	5.94	0.00
Endosulfan II	6.11	6.11	6.01	6.21	0.00
4,4'-DDD	5.96	5.97	5.87	6.07	0.01
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.20	6.20	6.10	6.30	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.97	6.98	6.88	7.08	0.01
Endrin aldehyde	6.28	6.28	6.18	6.38	0.00
alpha-Chlordane	5.29	5.29	5.19	5.39	0.00
gamma-Chlordane	5.23	5.23	5.13	5.33	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL05 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025508.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.555	6.457	6.657	50.620	50.000	1.2
4,4'-DDE	6.073	5.975	6.175	50.780	50.000	1.6
4,4'-DDT	6.849	6.751	6.951	48.060	50.000	-3.9
Aldrin	5.225	5.127	5.327	51.940	50.000	3.9
alpha-BHC	4.160	4.061	4.261	52.720	50.000	5.4
alpha-Chlordane	5.908	5.810	6.010	50.710	50.000	1.4
beta-BHC	4.610	4.511	4.711	51.510	50.000	3.0
Decachlorobiphenyl	8.721	8.624	8.824	46.420	50.000	-7.2
delta-BHC	4.817	4.718	4.918	51.840	50.000	3.7
Dieldrin	6.206	6.107	6.307	50.090	50.000	0.2
Endosulfan I	5.953	5.855	6.055	50.530	50.000	1.1
Endosulfan II	6.628	6.529	6.729	49.360	50.000	-1.3
Endosulfan sulfate	6.973	6.874	7.074	52.610	50.000	5.2
Endrin	6.418	6.320	6.520	47.140	50.000	-5.7
Endrin aldehyde	6.750	6.652	6.852	47.610	50.000	-4.8
Endrin ketone	7.429	7.332	7.532	51.800	50.000	3.6
gamma-BHC (Lindane)	4.436	4.337	4.537	51.770	50.000	3.5
gamma-Chlordane	5.837	5.740	5.940	50.780	50.000	1.6
Heptachlor	4.930	4.832	5.032	51.130	50.000	2.3
Heptachlor epoxide	5.605	5.507	5.707	51.630	50.000	3.3
Methoxychlor	7.309	7.211	7.411	46.480	50.000	-7.0
Tetrachloro-m-xylene	3.783	3.685	3.885	50.320	50.000	0.6

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No.: CCAL05 **Date Analyzed:** 12/05/2014

Lab Sample No.: PSTDCCC050 **Data File :** PD025508.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.962	5.865	6.065	49.030	50.000	-1.9
4,4'-DDE	5.452	5.354	5.554	48.600	50.000	-2.8
4,4'-DDT	6.197	6.100	6.300	47.190	50.000	-5.6
Aldrin	4.572	4.474	4.674	49.320	50.000	-1.4
alpha-BHC	3.771	3.673	3.873	49.330	50.000	-1.3
alpha-Chlordane	5.288	5.190	5.390	48.210	50.000	-3.6
beta-BHC	4.298	4.199	4.399	48.440	50.000	-3.1
Decachlorobiphenyl	8.006	7.910	8.110	48.330	50.000	-3.3
delta-BHC	4.494	4.396	4.596	48.620	50.000	-2.8
Dieldrin	5.580	5.482	5.682	48.610	50.000	-2.8
Endosulfan I	5.341	5.243	5.443	48.750	50.000	-2.5
Endosulfan II	6.107	6.010	6.210	48.670	50.000	-2.7
Endosulfan sulfate	6.485	6.388	6.588	51.930	50.000	3.9
Endrin	5.836	5.738	5.938	45.830	50.000	-8.3
Endrin aldehyde	6.276	6.179	6.379	47.510	50.000	-5.0
Endrin ketone	6.973	6.877	7.077	50.510	50.000	1.0
gamma-BHC (Lindane)	4.049	3.951	4.151	44.710	50.000	-10.6
gamma-Chlordane	5.229	5.132	5.332	48.630	50.000	-2.7
Heptachlor	4.332	4.234	4.434	48.880	50.000	-2.2
Heptachlor epoxide	5.010	4.912	5.112	49.030	50.000	-1.9
Methoxychlor	6.745	6.648	6.848	47.020	50.000	-6.0
Tetrachloro-m-xylene	3.335	3.236	3.436	48.690	50.000	-2.6

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No. (PEM): PEM - PD025150.D **Date Analyzed:** 11/21/2014

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:14

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.722	8.624	8.824	21.880	20.000	9.4
Tetrachloro-m-xylene	3.785	3.685	3.885	21.180	20.000	5.9
alpha-BHC	4.161	4.061	4.261	9.620	10.000	-3.8
beta-BHC	4.611	4.511	4.711	10.790	10.000	7.9
gamma-BHC (Lindane)	4.437	4.337	4.537	10.140	10.000	1.4
Endrin	6.420	6.320	6.520	52.950	50.000	5.9
4,4'-DDT	6.851	6.751	6.951	118.140	100.000	18.1
Methoxychlor	7.311	7.211	7.411	268.900	250.000	7.6

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No. (PEM): PEM - PD025150.D **Date Analyzed:** 11/21/2014

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:14

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.009	7.910	8.110	21.980	20.000	9.9
Tetrachloro-m-xylene	3.336	3.236	3.436	21.210	20.000	6.1
alpha-BHC	3.772	3.673	3.873	10.090	10.000	0.9
beta-BHC	4.298	4.199	4.399	10.670	10.000	6.7
gamma-BHC (Lindane)	4.050	3.951	4.151	11.650	10.000	16.5
Endrin	5.837	5.738	5.938	53.780	50.000	7.6
4,4'-DDT	6.199	6.100	6.300	116.440	100.000	16.4
Methoxychlor	6.747	6.648	6.848	252.350	250.000	0.9

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No. (PEM): PEM - PD025482.D **Date Analyzed:** 12/05/2014

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:25

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.721	8.624	8.824	24.310	20.000	21.6
Tetrachloro-m-xylene	3.784	3.685	3.885	23.510	20.000	17.6
alpha-BHC	4.160	4.061	4.261	10.730	10.000	7.3
beta-BHC	4.610	4.511	4.711	11.900	10.000	19.0
gamma-BHC (Lindane)	4.436	4.337	4.537	11.310	10.000	13.1
Endrin	6.418	6.320	6.520	56.840	50.000	13.7
4,4'-DDT	6.850	6.751	6.951	130.470	100.000	30.5
Methoxychlor	7.308	7.211	7.411	297.630	250.000	19.1

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2014 11/21/2014

Client Sample No. (PEM): PEM - PD025482.D **Date Analyzed:** 12/05/2014

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:25

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.006	7.910	8.110	24.490	20.000	22.5
Tetrachloro-m-xylene	3.335	3.236	3.436	23.260	20.000	16.3
alpha-BHC	3.771	3.673	3.873	10.780	10.000	7.8
beta-BHC	4.297	4.199	4.399	11.330	10.000	13.3
gamma-BHC (Lindane)	4.049	3.951	4.151	11.160	10.000	11.6
Endrin	5.835	5.738	5.938	55.850	50.000	11.7
4,4'-DDT	6.197	6.100	6.300	124.920	100.000	24.9
Methoxychlor	6.744	6.648	6.848	274.040	250.000	9.6

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Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/21/2014 11/21/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/21/2014	15:00	PD025149.D	8.73	3.79
PEM	PEM	11/21/2014	15:14	PD025150.D	8.72	3.79
RESCHK	RESCHK	11/21/2014	15:28	PD025151.D	8.72	3.78
PSTDICC100	PSTDICC100	11/21/2014	15:42	PD025152.D	8.72	3.79
PSTDICC075	PSTDICC075	11/21/2014	15:56	PD025153.D	8.72	3.79
PSTDICC050	PSTDICC050	11/21/2014	16:10	PD025154.D	8.72	3.79
PSTDICC025	PSTDICC025	11/21/2014	16:24	PD025155.D	8.72	3.78
PSTDICC005	PSTDICC005	11/21/2014	16:38	PD025156.D	8.72	3.79
PTOXICC500	PTOXICC500	11/21/2014	17:06	PD025158.D	8.72	3.79
PCHLORICC500	PCHLORICC500	11/21/2014	17:20	PD025159.D	8.72	3.79
I.BLK	I.BLK	12/05/2014	01:14	PD025464.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	01:28	PD025465.D	8.72	3.78
PB80684BL	PB80684BL	12/05/2014	01:42	PD025466.D	8.72	3.78
PB80684BS	PB80684BS	12/05/2014	01:56	PD025467.D	8.72	3.78
PB80684BSD	PB80684BSD	12/05/2014	02:10	PD025468.D	8.72	3.78
EB12214	F4956-06	12/05/2014	03:34	PD025474.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	04:01	PD025476.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	04:15	PD025477.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	13:11	PD025481.D	8.72	3.78
PEM	PEM	12/05/2014	13:25	PD025482.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	13:39	PD025483.D	8.72	3.78
PB80694BL	PB80694BL	12/05/2014	13:58	PD025484.D	8.73	3.79
PB80694BS	PB80694BS	12/05/2014	14:12	PD025485.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	16:18	PD025494.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	16:31	PD025495.D	8.72	3.78
B-1(5-7.5)	F4956-01	12/05/2014	17:41	PD025500.D	8.72	3.78
B-2(2.5-5)	F4956-02	12/05/2014	17:55	PD025501.D	8.72	3.78
B-3(2.5-5)	F4956-03	12/05/2014	18:09	PD025502.D	8.72	3.78
B-3(2.5-5)MS	F4956-04MS	12/05/2014	18:23	PD025503.D	8.72	3.78
B-3(2.5-5)MSD	F4956-05MSD	12/05/2014	18:37	PD025504.D	8.72	3.78
B-4(5-7)	F4956-07	12/05/2014	18:51	PD025505.D	8.72	3.78
FD12214	F4956-08	12/05/2014	19:05	PD025506.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	19:19	PD025507.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	19:33	PD025508.D	8.72	3.78

Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/21/2014 11/21/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/21/2014	15:00	PD025149.D	8.73	3.79
PEM	PEM	11/21/2014	15:14	PD025150.D	8.72	3.79
RESCHK	RESCHK	11/21/2014	15:28	PD025151.D	8.72	3.78
PSTDICC100	PSTDICC100	11/21/2014	15:42	PD025152.D	8.72	3.79
PSTDICC075	PSTDICC075	11/21/2014	15:56	PD025153.D	8.72	3.79
PSTDICC050	PSTDICC050	11/21/2014	16:10	PD025154.D	8.72	3.79
PSTDICC025	PSTDICC025	11/21/2014	16:24	PD025155.D	8.72	3.78
PSTDICC005	PSTDICC005	11/21/2014	16:38	PD025156.D	8.72	3.79
PTOXICC500	PTOXICC500	11/21/2014	17:06	PD025158.D	8.72	3.79
PCHLORICC500	PCHLORICC500	11/21/2014	17:20	PD025159.D	8.72	3.79
I.BLK	I.BLK	12/05/2014	01:14	PD025464.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	01:28	PD025465.D	8.72	3.78
PB80684BL	PB80684BL	12/05/2014	01:42	PD025466.D	8.72	3.78
PB80684BS	PB80684BS	12/05/2014	01:56	PD025467.D	8.72	3.78
PB80684BSD	PB80684BSD	12/05/2014	02:10	PD025468.D	8.72	3.78
EB12214	F4956-06	12/05/2014	03:34	PD025474.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	04:01	PD025476.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	04:15	PD025477.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	13:11	PD025481.D	8.72	3.78
PEM	PEM	12/05/2014	13:25	PD025482.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	13:39	PD025483.D	8.72	3.78
PB80694BL	PB80694BL	12/05/2014	13:58	PD025484.D	8.73	3.79
PB80694BS	PB80694BS	12/05/2014	14:12	PD025485.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	16:18	PD025494.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	16:31	PD025495.D	8.72	3.78
B-1(5-7.5)	F4956-01	12/05/2014	17:41	PD025500.D	8.72	3.78
B-2(2.5-5)	F4956-02	12/05/2014	17:55	PD025501.D	8.72	3.78
B-3(2.5-5)	F4956-03	12/05/2014	18:09	PD025502.D	8.72	3.78
B-3(2.5-5)MS	F4956-04MS	12/05/2014	18:23	PD025503.D	8.72	3.78
B-3(2.5-5)MSD	F4956-05MSD	12/05/2014	18:37	PD025504.D	8.72	3.78
B-4(5-7)	F4956-07	12/05/2014	18:51	PD025505.D	8.72	3.78
FD12214	F4956-08	12/05/2014	19:05	PD025506.D	8.72	3.78
I.BLK	I.BLK	12/05/2014	19:19	PD025507.D	8.72	3.78
PSTDCCC050	PSTDCCC050	12/05/2014	19:33	PD025508.D	8.72	3.78

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-3(2.5-5)MS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: F4956-04MS **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.63	6.58	6.68	10.5	0
	2	6.11	6.06	6.16	10.5	
4,4'-DDD	1	6.56	6.51	6.61	14.4	2.8
	2	5.96	5.91	6.01	14	
4,4'-DDT	1	6.85	6.80	6.90	16.6	1.2
	2	6.20	6.15	6.25	16.4	
Endrin aldehyde	1	6.75	6.70	6.80	10.4	1
	2	6.28	6.23	6.33	10.3	
Endosulfan sulfate	1	6.97	6.92	7.02	11.2	0.9
	2	6.49	6.44	6.54	11.3	
Methoxychlor	1	7.31	7.26	7.36	9.8	0
	2	6.75	6.70	6.80	9.8	
Endrin ketone	1	7.43	7.38	7.48	10.8	0.9
	2	6.97	6.92	7.02	10.7	
alpha-BHC	1	4.16	4.11	4.21	17.3	9.7
	2	3.77	3.72	3.82	15.7	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	14.4	19.8
	2	4.05	4.00	4.10	11.8	
Heptachlor	1	4.93	4.88	4.98	19.4	12
	2	4.33	4.28	4.38	17.2	
Aldrin	1	5.23	5.18	5.28	21.1	76.2
	2	4.57	4.52	4.62	47.1	
beta-BHC	1	4.61	4.56	4.66	12.2	13.1
	2	4.30	4.25	4.35	10.7	
delta-BHC	1	4.82	4.77	4.87	17.3	48
	2	4.49	4.44	4.54	10.6	
Heptachlor epoxide	1	5.61	5.56	5.66	12.2	13.1
	2	5.01	4.96	5.06	10.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-3(2.5-5)MS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: F4956-04MS **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.95	5.90	6.00	28.8	92.4
	2	5.34	5.29	5.39	10.6	
gamma-Chlordane	1	5.84	5.79	5.89	17.8	1.1
	2	5.23	5.18	5.28	17.6	
alpha-Chlordane	1	5.91	5.86	5.96	20.1	9.4
	2	5.29	5.24	5.34	18.3	
4,4'-DDE	1	6.07	6.02	6.12	20.3	6.6
	2	5.45	5.40	5.50	19	
Dieldrin	1	6.21	6.16	6.26	10.3	1
	2	5.58	5.53	5.63	10.2	
Endrin	1	6.42	6.37	6.47	9.5	1.1
	2	5.84	5.79	5.89	9.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-3(2.5-5)MSD

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: F4956-05MSD **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.63	6.58	6.68	10.6	0
	2	6.11	6.06	6.16	10.6	
4,4'-DDD	1	6.55	6.50	6.60	14.5	3.5
	2	5.96	5.91	6.01	14	
4,4'-DDT	1	6.85	6.80	6.90	16.6	1.2
	2	6.20	6.15	6.25	16.4	
Endrin aldehyde	1	6.75	6.70	6.80	10.5	1
	2	6.28	6.23	6.33	10.4	
Endosulfan sulfate	1	6.97	6.92	7.02	11.2	0.9
	2	6.49	6.44	6.54	11.3	
Methoxychlor	1	7.31	7.26	7.36	9.9	2
	2	6.75	6.70	6.80	9.7	
Endrin ketone	1	7.43	7.38	7.48	10.9	0.9
	2	6.97	6.92	7.02	10.8	
alpha-BHC	1	4.16	4.11	4.21	17.2	9.1
	2	3.77	3.72	3.82	15.7	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	14.3	18.3
	2	4.05	4.00	4.10	11.9	
Heptachlor	1	4.93	4.88	4.98	19.4	12
	2	4.33	4.28	4.38	17.2	
Aldrin	1	5.23	5.18	5.28	20.9	80.7
	2	4.57	4.52	4.62	49.2	
beta-BHC	1	4.61	4.56	4.66	12.2	13.1
	2	4.30	4.25	4.35	10.7	
delta-BHC	1	4.82	4.77	4.87	17.6	49.6
	2	4.49	4.44	4.54	10.6	
Heptachlor epoxide	1	5.61	5.56	5.66	12.1	12.3
	2	5.01	4.96	5.06	10.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-3(2.5-5)MSD

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: F4956-05MSD **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.95	5.90	6.00	29	92.9
	2	5.34	5.29	5.39	10.6	
gamma-Chlordane	1	5.84	5.79	5.89	17.8	1.1
	2	5.23	5.18	5.28	17.6	
alpha-Chlordane	1	5.91	5.86	5.96	20.2	9.3
	2	5.29	5.24	5.34	18.4	
4,4'-DDE	1	6.07	6.02	6.12	20.4	6.6
	2	5.45	5.40	5.50	19.1	
Dieldrin	1	6.21	6.16	6.26	10.4	1
	2	5.58	5.53	5.63	10.3	
Endrin	1	6.42	6.37	6.47	9.4	1.1
	2	5.84	5.79	5.89	9.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB80684BS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: PB80684BS **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.63	6.58	6.68	0.463	1.7
	2	6.11	6.06	6.16	0.455	
4,4'-DDD	1	6.56	6.51	6.61	0.466	1.3
	2	5.96	5.91	6.01	0.46	
4,4'-DDT	1	6.85	6.80	6.90	0.456	0
	2	6.20	6.15	6.25	0.456	
Endrin aldehyde	1	6.75	6.70	6.80	0.448	0
	2	6.28	6.23	6.33	0.448	
Endosulfan sulfate	1	6.97	6.92	7.02	0.495	1.4
	2	6.49	6.44	6.54	0.488	
Methoxychlor	1	7.31	7.26	7.36	0.437	1.2
	2	6.74	6.69	6.79	0.432	
Endrin ketone	1	7.43	7.38	7.48	0.468	2.4
	2	6.97	6.92	7.02	0.457	
alpha-BHC	1	4.16	4.11	4.21	0.483	3.2
	2	3.77	3.72	3.82	0.468	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	0.47	11.2
	2	4.05	4.00	4.10	0.42	
Heptachlor	1	4.93	4.88	4.98	0.454	1.1
	2	4.33	4.28	4.38	0.449	
Aldrin	1	5.23	5.18	5.28	0.476	1.7
	2	4.57	4.52	4.62	0.468	
beta-BHC	1	4.61	4.56	4.66	0.477	3.4
	2	4.30	4.25	4.35	0.461	
delta-BHC	1	4.82	4.77	4.87	0.473	3.2
	2	4.49	4.44	4.54	0.458	
Heptachlor epoxide	1	5.61	5.56	5.66	0.474	1.1
	2	5.01	4.96	5.06	0.469	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB80684BS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: PB80684BS **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.95	5.90	6.00	0.466	1.3
	2	5.34	5.29	5.39	0.46	
gamma-Chlordane	1	5.84	5.79	5.89	0.47	1.9
	2	5.23	5.18	5.28	0.461	
alpha-Chlordane	1	5.91	5.86	5.96	0.472	2.8
	2	5.29	5.24	5.34	0.459	
4,4'-DDE	1	6.07	6.02	6.12	0.466	2
	2	5.45	5.40	5.50	0.457	
Dieldrin	1	6.21	6.16	6.26	0.463	0.9
	2	5.58	5.53	5.63	0.459	
Endrin	1	6.42	6.37	6.47	0.428	0.9
	2	5.84	5.79	5.89	0.432	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB80684BSD

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: PB80684BSD **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.63	6.58	6.68	0.464	2.6
	2	6.11	6.06	6.16	0.452	
4,4'-DDD	1	6.55	6.50	6.60	0.468	2.2
	2	5.96	5.91	6.01	0.458	
4,4'-DDT	1	6.85	6.80	6.90	0.45	0.4
	2	6.20	6.15	6.25	0.452	
Endrin aldehyde	1	6.75	6.70	6.80	0.448	0
	2	6.28	6.23	6.33	0.448	
Endosulfan sulfate	1	6.97	6.92	7.02	0.495	1.6
	2	6.49	6.44	6.54	0.487	
Methoxychlor	1	7.31	7.26	7.36	0.433	0.7
	2	6.74	6.69	6.79	0.43	
Endrin ketone	1	7.43	7.38	7.48	0.467	1.9
	2	6.97	6.92	7.02	0.458	
alpha-BHC	1	4.16	4.11	4.21	0.48	3
	2	3.77	3.72	3.82	0.466	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	0.47	11.7
	2	4.05	4.00	4.10	0.418	
Heptachlor	1	4.93	4.88	4.98	0.452	1.3
	2	4.33	4.28	4.38	0.446	
Aldrin	1	5.22	5.17	5.27	0.477	2.5
	2	4.57	4.52	4.62	0.465	
beta-BHC	1	4.61	4.56	4.66	0.477	4.3
	2	4.30	4.25	4.35	0.457	
delta-BHC	1	4.82	4.77	4.87	0.472	3.9
	2	4.49	4.44	4.54	0.454	
Heptachlor epoxide	1	5.61	5.56	5.66	0.475	1.7
	2	5.01	4.96	5.06	0.467	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB80684BSD

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: PB80684BSD **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.95	5.90	6.00	0.467	1.9
	2	5.34	5.29	5.39	0.458	
gamma-Chlordane	1	5.84	5.79	5.89	0.47	2.6
	2	5.23	5.18	5.28	0.458	
alpha-Chlordane	1	5.91	5.86	5.96	0.472	3.2
	2	5.29	5.24	5.34	0.457	
4,4'-DDE	1	6.07	6.02	6.12	0.465	2.8
	2	5.45	5.40	5.50	0.452	
Dieldrin	1	6.20	6.15	6.25	0.462	1.3
	2	5.58	5.53	5.63	0.456	
Endrin	1	6.42	6.37	6.47	0.423	0.5
	2	5.84	5.79	5.89	0.425	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB80694BS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: PB80694BS **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.63	6.58	6.68	16	2.5
	2	6.11	6.06	6.16	15.6	
4,4'-DDD	1	6.56	6.51	6.61	16.2	1.9
	2	5.96	5.91	6.01	15.9	
4,4'-DDT	1	6.85	6.80	6.90	15.6	0
	2	6.20	6.15	6.25	15.6	
Endrin aldehyde	1	6.75	6.70	6.80	15.3	0
	2	6.28	6.23	6.33	15.3	
Endosulfan sulfate	1	6.97	6.92	7.02	16.9	0.6
	2	6.49	6.44	6.54	16.8	
Methoxychlor	1	7.31	7.26	7.36	14.9	1.4
	2	6.75	6.70	6.80	14.7	
Endrin ketone	1	7.43	7.38	7.48	16.1	2.5
	2	6.97	6.92	7.02	15.7	
alpha-BHC	1	4.16	4.11	4.21	16.7	4.3
	2	3.77	3.72	3.82	16	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	16.3	12.4
	2	4.05	4.00	4.10	14.4	
Heptachlor	1	4.93	4.88	4.98	15.6	1.3
	2	4.33	4.28	4.38	15.4	
Aldrin	1	5.23	5.18	5.28	16.5	2.5
	2	4.57	4.52	4.62	16.1	
beta-BHC	1	4.61	4.56	4.66	16.4	4.4
	2	4.30	4.25	4.35	15.7	
delta-BHC	1	4.82	4.77	4.87	16.4	4.4
	2	4.50	4.45	4.55	15.7	
Heptachlor epoxide	1	5.61	5.56	5.66	16.6	3.1
	2	5.01	4.96	5.06	16.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB80694BS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F4956 **SAS No.:** F4956 **SDG NO.:** F4956

Lab Sample ID: PB80694BS **Date(s) Analyzed:** 12/05/2014 12/05/2014

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.95	5.90	6.00	16.2	2.5
	2	5.34	5.29	5.39	15.8	
gamma-Chlordane	1	5.84	5.79	5.89	16.3	3.1
	2	5.23	5.18	5.28	15.8	
alpha-Chlordane	1	5.91	5.86	5.96	16.3	3.8
	2	5.29	5.24	5.34	15.7	
4,4'-DDE	1	6.07	6.02	6.12	16.1	3.8
	2	5.45	5.40	5.50	15.5	
Dieldrin	1	6.21	6.16	6.26	16	1.3
	2	5.58	5.53	5.63	15.8	
Endrin	1	6.42	6.37	6.47	14.8	0
	2	5.84	5.79	5.89	14.8	

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LAB CHRONICLE

OrderID:	F4956	**OrderDate:**	12/4/2014 9:13:00 AM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	G42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F4956-01	**B-1(5-7.5)**	**SOIL**			**12/02/14**			**12/03/14**
			Mercury	7471A		12/04/14	12/05/14	
			Metals ICP-TAL	6010B		12/08/14	12/08/14	
F4956-02	**B-2(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			Mercury	7471A		12/04/14	12/05/14	
			Metals ICP-TAL	6010B		12/08/14	12/08/14	
F4956-03	**B-3(2.5-5)**	**SOIL**			**12/02/14**			**12/03/14**
			Mercury	7471A		12/04/14	12/05/14	
			Metals ICP-TAL	6010B		12/08/14	12/08/14	
F4956-06	**EB12214**	**WATER**			**12/02/14**			**12/03/14**
			Mercury	7470A		12/04/14	12/05/14	
			Metals ICP-TAL	6010C		12/05/14	12/05/14	
F4956-07	**B-4(5-7)**	**SOIL**			**12/02/14**			**12/03/14**
			Mercury	7471A		12/04/14	12/05/14	
			Metals ICP-TAL	6010B		12/08/14	12/08/14	
F4956-08	**FD12214**	**SOIL**			**12/02/14**			**12/03/14**
			Mercury	7471A		12/04/14	12/05/14	
			Metals ICP-TAL	6010B		12/08/14	12/08/14	

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Hit Summary Sheet
SW-846

SDG No.: F4956 **Order ID:** F4956

Client: C.T. Male Associates, P.C., **Project ID:** 209 Warburton Ave., Yonkers, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : B-1(5-7.5)									
F4956-01	B-1(5-7.5)	SOIL	Aluminum	6,680.000		0.851	1.27	5.06	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Antimony	0.589	J	0.567	0.633	2.53	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Arsenic	5.670		0.253	0.253	1.01	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Barium	174.000		0.405	1.27	5.06	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Beryllium	0.415		0.061	0.076	0.304	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Calcium	13,900.000		1.08	25.3	101	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Chromium	32.200		0.127	0.127	0.506	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Cobalt	5.870		0.38	0.38	1.52	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Copper	32.300		0.253	0.253	1.01	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Iron	20,400.000		1.27	1.27	5.06	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Lead	1,410.000		0.122	0.253	0.608	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Magnesium	6,080.000		4.64	25.3	101	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Manganese	213.000		0.192	0.253	1.01	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Mercury	0.200		0.006	0.006	0.012	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Nickel	13.700		0.466	0.506	2.03	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Potassium	634.000		3.54	25.3	101	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Selenium	0.734	J	0.253	0.253	1.01	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Sodium	524.000		2.55	25.3	101	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Vanadium	25.900		0.506	0.506	2.03	mg/Kg
F4956-01	B-1(5-7.5)	SOIL	Zinc	315.000		0.506	0.506	2.03	mg/Kg
Client ID : B-2(2.5-5)									
F4956-02	B-2(2.5-5)	SOIL	Aluminum	7,420.000		0.778	1.16	4.63	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Antimony	0.535	J	0.519	0.579	2.32	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Arsenic	2.630		0.232	0.232	0.926	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Barium	181.000		0.37	1.16	4.63	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Beryllium	0.476		0.056	0.069	0.278	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Calcium	10,100.000		0.991	23.2	92.6	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Chromium	17.500		0.116	0.116	0.463	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Cobalt	6.930		0.347	0.347	1.39	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Copper	62.800		0.232	0.232	0.926	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Iron	15,900.000		1.16	1.16	4.63	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Lead	522.000		0.111	0.232	0.556	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Magnesium	5,460.000		4.24	23.2	92.6	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Manganese	322.000		0.176	0.232	0.926	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Mercury	0.048		0.005	0.005	0.01	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Nickel	18.200		0.426	0.463	1.85	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Potassium	1,770.000		3.24	23.2	92.6	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Selenium	0.521	J	0.232	0.232	0.926	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: F4956 **Order ID:** F4956

Client: C.T. Male Associates, P.C., **Project ID:** 209 Warburton Ave., Yonkers, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
F4956-02	B-2(2.5-5)	SOIL	Sodium	867.000		2.33	23.2	92.6	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Vanadium	16.400		0.463	0.463	1.85	mg/Kg
F4956-02	B-2(2.5-5)	SOIL	Zinc	152.000		0.463	0.463	1.85	mg/Kg
Client ID :	**B-3(2.5-5)**								
F4956-03	B-3(2.5-5)	SOIL	Aluminum	7,560.000		0.814	1.21	4.84	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Arsenic	3.540		0.242	0.242	0.969	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Barium	77.100		0.387	1.21	4.84	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Beryllium	0.366		0.058	0.073	0.291	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Calcium	3,330.000		1.04	24.2	96.9	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Chromium	15.600		0.121	0.121	0.484	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Cobalt	6.480		0.363	0.363	1.45	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Copper	23.500		0.242	0.242	0.969	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Iron	14,100.000		1.21	1.21	4.84	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Lead	286.000		0.116	0.242	0.581	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Magnesium	3,330.000		4.44	24.2	96.9	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Manganese	335.000		0.184	0.242	0.969	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Mercury	0.145		0.005	0.005	0.011	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Nickel	14.800		0.446	0.484	1.94	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Potassium	779.000		3.39	24.2	96.9	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Selenium	0.662	J	0.242	0.242	0.969	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Sodium	416.000		2.44	24.2	96.9	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Vanadium	17.300		0.484	0.484	1.94	mg/Kg
F4956-03	B-3(2.5-5)	SOIL	Zinc	106.000		0.484	0.484	1.94	mg/Kg
Client ID :	**B-4(5-7)**								
F4956-07	B-4(5-7)	SOIL	Aluminum	7,120.000		0.779	1.16	4.64	mg/Kg
F4956-07	B-4(5-7)	SOIL	Arsenic	1.680		0.232	0.232	0.927	mg/Kg
F4956-07	B-4(5-7)	SOIL	Barium	46.500		0.371	1.16	4.64	mg/Kg
F4956-07	B-4(5-7)	SOIL	Beryllium	0.261	J	0.056	0.07	0.278	mg/Kg
F4956-07	B-4(5-7)	SOIL	Calcium	4,080.000		0.992	23.2	92.7	mg/Kg
F4956-07	B-4(5-7)	SOIL	Chromium	27.800		0.116	0.116	0.464	mg/Kg
F4956-07	B-4(5-7)	SOIL	Cobalt	6.140		0.348	0.348	1.39	mg/Kg
F4956-07	B-4(5-7)	SOIL	Copper	22.600		0.232	0.232	0.927	mg/Kg
F4956-07	B-4(5-7)	SOIL	Iron	11,500.000		1.16	1.16	4.64	mg/Kg
F4956-07	B-4(5-7)	SOIL	Lead	8.540		0.111	0.232	0.556	mg/Kg
F4956-07	B-4(5-7)	SOIL	Magnesium	3,180.000		4.25	23.2	92.7	mg/Kg
F4956-07	B-4(5-7)	SOIL	Manganese	158.000		0.176	0.232	0.927	mg/Kg
F4956-07	B-4(5-7)	SOIL	Mercury	0.020		0.005	0.005	0.011	mg/Kg
F4956-07	B-4(5-7)	SOIL	Nickel	15.700		0.427	0.464	1.85	mg/Kg
F4956-07	B-4(5-7)	SOIL	Potassium	781.000		3.25	23.2	92.7	mg/Kg
F4956-07	B-4(5-7)	SOIL	Selenium	0.356	J	0.232	0.232	0.927	mg/Kg
F4956-07	B-4(5-7)	SOIL	Sodium	518.000		2.34	23.2	92.7	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: F4956 **Order ID:** F4956

Client: C.T. Male Associates, P.C., **Project ID:** 209 Warburton Ave., Yonkers, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
F4956-07	B-4(5-7)	SOIL	Vanadium	27.200		0.464	0.464	1.85	mg/Kg
F4956-07	B-4(5-7)	SOIL	Zinc	22.200		0.464	0.464	1.85	mg/Kg
Client ID : FD12214									
F4956-08	FD12214	SOIL	Aluminum	6,020.000		0.79	1.18	4.7	mg/Kg
F4956-08	FD12214	SOIL	Arsenic	1.280		0.235	0.235	0.941	mg/Kg
F4956-08	FD12214	SOIL	Barium	38.500		0.376	1.18	4.7	mg/Kg
F4956-08	FD12214	SOIL	Beryllium	0.226	J	0.056	0.071	0.282	mg/Kg
F4956-08	FD12214	SOIL	Calcium	13,300.000		1.01	23.5	94.1	mg/Kg
F4956-08	FD12214	SOIL	Chromium	16.300		0.118	0.118	0.47	mg/Kg
F4956-08	FD12214	SOIL	Cobalt	5.710		0.353	0.353	1.41	mg/Kg
F4956-08	FD12214	SOIL	Copper	18.700		0.235	0.235	0.941	mg/Kg
F4956-08	FD12214	SOIL	Iron	9,980.000		1.18	1.18	4.7	mg/Kg
F4956-08	FD12214	SOIL	Lead	4.960		0.113	0.235	0.564	mg/Kg
F4956-08	FD12214	SOIL	Magnesium	7,060.000		4.31	23.5	94.1	mg/Kg
F4956-08	FD12214	SOIL	Manganese	239.000		0.179	0.235	0.941	mg/Kg
F4956-08	FD12214	SOIL	Mercury	0.009	J	0.005	0.005	0.011	mg/Kg
F4956-08	FD12214	SOIL	Nickel	14.400		0.433	0.47	1.88	mg/Kg
F4956-08	FD12214	SOIL	Potassium	934.000		3.29	23.5	94.1	mg/Kg
F4956-08	FD12214	SOIL	Sodium	454.000		2.37	23.5	94.1	mg/Kg
F4956-08	FD12214	SOIL	Vanadium	18.500		0.47	0.47	1.88	mg/Kg
F4956-08	FD12214	SOIL	Zinc	19.300		0.47	0.47	1.88	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6680		1	0.851	1.27	5.06	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-36-0	Antimony	0.589	J	1	0.567	0.633	2.53	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-38-2	Arsenic	5.67		1	0.253	0.253	1.01	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-39-3	Barium	174		1	0.405	1.27	5.06	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-41-7	Beryllium	0.415		1	0.061	0.076	0.304	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-43-9	Cadmium	0.304	U	1	0.061	0.076	0.304	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-70-2	Calcium	13900		1	1.08	25.3	101	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-47-3	Chromium	32.2		1	0.127	0.127	0.506	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-48-4	Cobalt	5.87		1	0.38	0.38	1.52	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-50-8	Copper	32.3		1	0.253	0.253	1.01	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7439-89-6	Iron	20400		1	1.27	1.27	5.06	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7439-92-1	Lead	1410		1	0.122	0.253	0.608	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7439-95-4	Magnesium	6080		1	4.64	25.3	101	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7439-96-5	Manganese	213		1	0.192	0.253	1.01	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7439-97-6	Mercury	0.2		1	0.006	0.006	0.012	mg/Kg	12/04/14 08:00	12/05/14 16:08	SW7471A
7440-02-0	Nickel	13.7		1	0.466	0.506	2.03	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-09-7	Potassium	634		1	3.54	25.3	101	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7782-49-2	Selenium	0.734	J	1	0.253	0.253	1.01	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-22-4	Silver	0.506	U	1	0.127	0.127	0.506	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-23-5	Sodium	524		1	2.55	25.3	101	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-28-0	Thallium	2.03	U	1	0.273	0.506	2.03	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-62-2	Vanadium	25.9		1	0.506	0.506	2.03	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010
7440-66-6	Zinc	315		1	0.506	0.506	2.03	mg/Kg	12/08/14 08:00	12/08/14 13:34	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7420		1	0.778	1.16	4.63	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-36-0	Antimony	0.535	J	1	0.519	0.579	2.32	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-38-2	Arsenic	2.63		1	0.232	0.232	0.926	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-39-3	Barium	181		1	0.37	1.16	4.63	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-41-7	Beryllium	0.476		1	0.056	0.069	0.278	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-43-9	Cadmium	0.278	U	1	0.056	0.069	0.278	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-70-2	Calcium	10100		1	0.991	23.2	92.6	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-47-3	Chromium	17.5		1	0.116	0.116	0.463	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-48-4	Cobalt	6.93		1	0.347	0.347	1.39	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-50-8	Copper	62.8		1	0.232	0.232	0.926	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7439-89-6	Iron	15900		1	1.16	1.16	4.63	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7439-92-1	Lead	522		1	0.111	0.232	0.556	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7439-95-4	Magnesium	5460		1	4.24	23.2	92.6	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7439-96-5	Manganese	322		1	0.176	0.232	0.926	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7439-97-6	Mercury	0.048		1	0.005	0.005	0.01	mg/Kg	12/04/14 08:00	12/05/14 16:15	SW7471A
7440-02-0	Nickel	18.2		1	0.426	0.463	1.85	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-09-7	Potassium	1770		1	3.24	23.2	92.6	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7782-49-2	Selenium	0.521	J	1	0.232	0.232	0.926	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-22-4	Silver	0.463	U	1	0.116	0.116	0.463	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-23-5	Sodium	867		1	2.33	23.2	92.6	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-28-0	Thallium	1.85	U	1	0.25	0.463	1.85	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-62-2	Vanadium	16.4		1	0.463	0.463	1.85	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010
7440-66-6	Zinc	152		1	0.463	0.463	1.85	mg/Kg	12/08/14 08:00	12/08/14 13:38	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7560		1	0.814	1.21	4.84	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-36-0	Antimony	2.42	U	1	0.542	0.605	2.42	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-38-2	Arsenic	3.54		1	0.242	0.242	0.969	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-39-3	Barium	77.1		1	0.387	1.21	4.84	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-41-7	Beryllium	0.366		1	0.058	0.073	0.291	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-43-9	Cadmium	0.291	U	1	0.058	0.073	0.291	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-70-2	Calcium	3330		1	1.04	24.2	96.9	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-47-3	Chromium	15.6		1	0.121	0.121	0.484	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-48-4	Cobalt	6.48		1	0.363	0.363	1.45	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-50-8	Copper	23.5		1	0.242	0.242	0.969	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7439-89-6	Iron	14100		1	1.21	1.21	4.84	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7439-92-1	Lead	286		1	0.116	0.242	0.581	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7439-95-4	Magnesium	3330		1	4.44	24.2	96.9	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7439-96-5	Manganese	335		1	0.184	0.242	0.969	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7439-97-6	Mercury	0.145		1	0.005	0.005	0.011	mg/Kg	12/04/14 08:00	12/05/14 16:17	SW7471A
7440-02-0	Nickel	14.8		1	0.446	0.484	1.94	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-09-7	Potassium	779		1	3.39	24.2	96.9	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7782-49-2	Selenium	0.662	J	1	0.242	0.242	0.969	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-22-4	Silver	0.484	U	1	0.121	0.121	0.484	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-23-5	Sodium	416		1	2.44	24.2	96.9	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-28-0	Thallium	1.94	U	1	0.262	0.484	1.94	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-62-2	Vanadium	17.3		1	0.484	0.484	1.94	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010
7440-66-6	Zinc	106		1	0.484	0.484	1.94	mg/Kg	12/08/14 08:00	12/08/14 13:42	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	50	U	1	6.5	12.5	50	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-36-0	Antimony	25	U	1	6.25	6.25	25	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-38-2	Arsenic	10	U	1	2.5	2.5	10	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-39-3	Barium	50	U	1	4	12.5	50	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-41-7	Beryllium	3	U	1	0.7	0.75	3	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-43-9	Cadmium	3	U	1	0.5	0.75	3	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-70-2	Calcium	1000	U	1	31.8	250	1000	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-47-3	Chromium	5	U	1	1.1	1.25	5	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-48-4	Cobalt	15	U	1	3.75	3.75	15	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-50-8	Copper	10	U	1	2	2.5	10	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7439-89-6	Iron	50	U	1	12.5	12.5	50	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7439-92-1	Lead	6	U	1	1.5	1.5	6	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7439-95-4	Magnesium	1000	U	1	32.5	250	1000	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7439-96-5	Manganese	10	U	1	1.7	2.5	10	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7439-97-6	Mercury	0.2	U	1	0.1	0.1	0.2	ug/L	12/04/14 08:00	12/05/14 10:35	SW7470A
7440-02-0	Nickel	20	U	1	4.2	5.0	20	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-09-7	Potassium	1000	U	1	38.8	250	1000	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7782-49-2	Selenium	10	U	1	4.8	5.0	10	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-22-4	Silver	5	U	1	1.25	1.25	5	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-23-5	Sodium	1000	U	1	13.9	250	1000	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-28-0	Thallium	20	U	1	2.4	5.0	20	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-62-2	Vanadium	20	U	1	5	5.0	20	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010
7440-66-6	Zinc	20	U	1	5	5.0	20	ug/L	12/05/14 08:00	12/05/14 15:35	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7120		1	0.779	1.16	4.64	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-36-0	Antimony	2.32	U	1	0.519	0.58	2.32	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-38-2	Arsenic	1.68		1	0.232	0.232	0.927	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-39-3	Barium	46.5		1	0.371	1.16	4.64	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-41-7	Beryllium	0.261	J	1	0.056	0.07	0.278	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-43-9	Cadmium	0.278	U	1	0.056	0.07	0.278	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-70-2	Calcium	4080		1	0.992	23.2	92.7	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-47-3	Chromium	27.8		1	0.116	0.116	0.464	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-48-4	Cobalt	6.14		1	0.348	0.348	1.39	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-50-8	Copper	22.6		1	0.232	0.232	0.927	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7439-89-6	Iron	11500		1	1.16	1.16	4.64	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7439-92-1	Lead	8.54		1	0.111	0.232	0.556	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7439-95-4	Magnesium	3180		1	4.25	23.2	92.7	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7439-96-5	Manganese	158		1	0.176	0.232	0.927	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7439-97-6	Mercury	0.02		1	0.005	0.005	0.011	mg/Kg	12/04/14 08:00	12/05/14 16:36	SW7471A
7440-02-0	Nickel	15.7		1	0.427	0.464	1.85	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-09-7	Potassium	781		1	3.25	23.2	92.7	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7782-49-2	Selenium	0.356	J	1	0.232	0.232	0.927	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-22-4	Silver	0.464	U	1	0.116	0.116	0.464	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-23-5	Sodium	518		1	2.34	23.2	92.7	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-28-0	Thallium	1.85	U	1	0.25	0.464	1.85	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-62-2	Vanadium	27.2		1	0.464	0.464	1.85	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010
7440-66-6	Zinc	22.2		1	0.464	0.464	1.85	mg/Kg	12/08/14 08:00	12/08/14 14:15	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6020		1	0.79	1.18	4.7	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-36-0	Antimony	2.35	U	1	0.527	0.588	2.35	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-38-2	Arsenic	1.28		1	0.235	0.235	0.941	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-39-3	Barium	38.5		1	0.376	1.18	4.7	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-41-7	Beryllium	0.226	J	1	0.056	0.071	0.282	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-43-9	Cadmium	0.282	U	1	0.056	0.071	0.282	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-70-2	Calcium	13300		1	1.01	23.5	94.1	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-47-3	Chromium	16.3		1	0.118	0.118	0.47	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-48-4	Cobalt	5.71		1	0.353	0.353	1.41	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-50-8	Copper	18.7		1	0.235	0.235	0.941	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7439-89-6	Iron	9980		1	1.18	1.18	4.7	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7439-92-1	Lead	4.96		1	0.113	0.235	0.564	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7439-95-4	Magnesium	7060		1	4.31	23.5	94.1	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7439-96-5	Manganese	239		1	0.179	0.235	0.941	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7439-97-6	Mercury	0.009	J	1	0.005	0.005	0.011	mg/Kg	12/04/14 08:00	12/05/14 16:38	SW7471A
7440-02-0	Nickel	14.4		1	0.433	0.47	1.88	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-09-7	Potassium	934		1	3.29	23.5	94.1	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7782-49-2	Selenium	0.941	U	1	0.235	0.235	0.941	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-22-4	Silver	0.47	U	1	0.118	0.118	0.47	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-23-5	Sodium	454		1	2.37	23.5	94.1	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-28-0	Thallium	1.88	U	1	0.254	0.47	1.88	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-62-2	Vanadium	18.5		1	0.47	0.47	1.88	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010
7440-66-6	Zinc	19.3		1	0.47	0.47	1.88	mg/Kg	12/08/14 08:00	12/08/14 14:19	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
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METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV48	Mercury	4.0196	4.0	100.5	90 - 110	CV	12/05/2014	09:50	LB74023

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV18	Mercury	5.1144	5.0	102.3	90 - 110	CV	12/05/2014	09:54	LB74023
CCV19	Mercury	5.0929	5.0	101.9	90 - 110	CV	12/05/2014	10:20	LB74023
CCV20	Mercury	4.9879	5.0	99.8	90 - 110	CV	12/05/2014	10:45	LB74023
CCV21	Mercury	5.1738	5.0	103.5	90 - 110	CV	12/05/2014	11:06	LB74023

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV49	Mercury	4.2118	4.0	105.3	90 - 110	CV	12/05/2014	13:44	LB74026

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV22	Mercury	5.0053	5.0	100.1	90 - 110	CV	12/05/2014	13:49	LB74026
CCV23	Mercury	4.7907	5.0	95.8	90 - 110	CV	12/05/2014	14:16	LB74026
CCV24	Mercury	4.8188	5.0	96.4	90 - 110	CV	12/05/2014	14:48	LB74026
CCV25	Mercury	4.6783	5.0	93.6	90 - 110	CV	12/05/2014	15:16	LB74026
CCV26	Mercury	4.814	5.0	96.3	90 - 110	CV	12/05/2014	15:43	LB74026
CCV27	Mercury	4.7742	5.0	95.5	90 - 110	CV	12/05/2014	16:10	LB74026
CCV28	Mercury	4.7554	5.0	95.1	90 - 110	CV	12/05/2014	16:41	LB74026
CCV29	Mercury	4.9698	5.0	99.4	90 - 110	CV	12/05/2014	17:16	LB74026

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2575.3	2521	102.2	95 - 105	P	12/05/2014	12:26	LB74040
	Antimony	970.85	994	97.7	95 - 105	P	12/05/2014	12:26	LB74040
	Arsenic	997.42	999	99.8	95 - 105	P	12/05/2014	12:26	LB74040
	Barium	519.4	497	104.5	95 - 105	P	12/05/2014	12:26	LB74040
	Beryllium	500.37	495	101.1	95 - 105	P	12/05/2014	12:26	LB74040
	Cadmium	497.36	496	100.3	95 - 105	P	12/05/2014	12:26	LB74040
	Calcium	10239	10026	102.1	95 - 105	P	12/05/2014	12:26	LB74040
	Chromium	505.04	490	103.1	95 - 105	P	12/05/2014	12:26	LB74040
	Cobalt	504.17	499	101	95 - 105	P	12/05/2014	12:26	LB74040
	Copper	516.49	492	105	95 - 105	P	12/05/2014	12:26	LB74040
	Iron	5057.1	5082	99.5	95 - 105	P	12/05/2014	12:26	LB74040
	Lead	996.52	1002	99.5	95 - 105	P	12/05/2014	12:26	LB74040
	Magnesium	6109.4	6074	100.6	95 - 105	P	12/05/2014	12:26	LB74040
	Manganese	518.09	499	103.8	95 - 105	P	12/05/2014	12:26	LB74040
	Nickel	505.51	503	100.5	95 - 105	P	12/05/2014	12:26	LB74040
	Potassium	10207	10021	101.9	95 - 105	P	12/05/2014	12:26	LB74040
	Selenium	1008.5	1029	98	95 - 105	P	12/05/2014	12:26	LB74040
	Silver	513.15	501	102.4	95 - 105	P	12/05/2014	12:26	LB74040
	Sodium	10100	10097	100	95 - 105	P	12/05/2014	12:26	LB74040
	Thallium	1011.2	1028	98.4	95 - 105	P	12/05/2014	12:26	LB74040
	Vanadium	506.5	501	101.1	95 - 105	P	12/05/2014	12:26	LB74040
	Zinc	1027.7	1025	100.3	95 - 105	P	12/05/2014	12:26	LB74040

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	127.23	100	127.2	70 - 130	P	12/05/2014	12:40	LB74040
	Antimony	46.01	50.0	92	70 - 130	P	12/05/2014	12:40	LB74040
	Arsenic	17.44	20.0	87.2	70 - 130	P	12/05/2014	12:40	LB74040
	Barium	107.71	100	107.7	70 - 130	P	12/05/2014	12:40	LB74040
	Beryllium	6.26	6.0	104.3	70 - 130	P	12/05/2014	12:40	LB74040
	Cadmium	6.21	6.0	103.5	70 - 130	P	12/05/2014	12:40	LB74040
	Calcium	2107.2	2000	105.4	70 - 130	P	12/05/2014	12:40	LB74040
	Chromium	10.28	10.0	102.8	70 - 130	P	12/05/2014	12:40	LB74040
	Cobalt	31.01	30.0	103.4	70 - 130	P	12/05/2014	12:40	LB74040
	Copper	21.2	20.0	106	70 - 130	P	12/05/2014	12:40	LB74040
	Iron	116.51	100	116.5	70 - 130	P	12/05/2014	12:40	LB74040
	Lead	11.31	12.0	94.3	70 - 130	P	12/05/2014	12:40	LB74040
	Magnesium	2095.2	2000	104.8	70 - 130	P	12/05/2014	12:40	LB74040
	Manganese	21.77	20.0	108.9	70 - 130	P	12/05/2014	12:40	LB74040
	Nickel	41.29	40.0	103.2	70 - 130	P	12/05/2014	12:40	LB74040
	Potassium	2009.2	2000	100.5	70 - 130	P	12/05/2014	12:40	LB74040
	Selenium	25.97	20.0	129.9	70 - 130	P	12/05/2014	12:40	LB74040
	Silver	10.15	10.0	101.5	70 - 130	P	12/05/2014	12:40	LB74040
	Sodium	2064.3	2000	103.2	70 - 130	P	12/05/2014	12:40	LB74040
	Thallium	40.73	40.0	101.8	70 - 130	P	12/05/2014	12:40	LB74040
	Vanadium	42.01	40.0	105	70 - 130	P	12/05/2014	12:40	LB74040
	Zinc	47.48	40.0	118.7	70 - 130	P	12/05/2014	12:40	LB74040

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10228	10000	102.3	90 - 110	P	12/05/2014	13:14	LB74040
	Antimony	4962.2	5000	99.2	90 - 110	P	12/05/2014	13:14	LB74040
	Arsenic	4924.1	5000	98.5	90 - 110	P	12/05/2014	13:14	LB74040
	Barium	9943.6	10000	99.4	90 - 110	P	12/05/2014	13:14	LB74040
	Beryllium	249.43	250	99.8	90 - 110	P	12/05/2014	13:14	LB74040
	Cadmium	2472	2500	98.9	90 - 110	P	12/05/2014	13:14	LB74040
	Calcium	24971	25000	99.9	90 - 110	P	12/05/2014	13:14	LB74040
	Chromium	983.91	1000	98.4	90 - 110	P	12/05/2014	13:14	LB74040
	Cobalt	2465.4	2500	98.6	90 - 110	P	12/05/2014	13:14	LB74040
	Copper	1245.7	1250	99.7	90 - 110	P	12/05/2014	13:14	LB74040
	Iron	5136.6	5000	102.7	90 - 110	P	12/05/2014	13:14	LB74040
	Lead	4968	5000	99.4	90 - 110	P	12/05/2014	13:14	LB74040
	Magnesium	24682	25000	98.7	90 - 110	P	12/05/2014	13:14	LB74040
	Manganese	2519.5	2500	100.8	90 - 110	P	12/05/2014	13:14	LB74040
	Nickel	2469.8	2500	98.8	90 - 110	P	12/05/2014	13:14	LB74040
	Potassium	25100	25000	100.4	90 - 110	P	12/05/2014	13:14	LB74040
	Selenium	4947.4	5000	98.9	90 - 110	P	12/05/2014	13:14	LB74040
	Silver	1218.8	1250	97.5	90 - 110	P	12/05/2014	13:14	LB74040
	Sodium	24530	25000	98.1	90 - 110	P	12/05/2014	13:14	LB74040
	Thallium	4963.3	5000	99.3	90 - 110	P	12/05/2014	13:14	LB74040
	Vanadium	2477.3	2500	99.1	90 - 110	P	12/05/2014	13:14	LB74040
	Zinc	2543.1	2500	101.7	90 - 110	P	12/05/2014	13:14	LB74040

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Aluminum	99.98	100	100	70 - 130	P	12/05/2014	13:18	LB74040
	Antimony	43.6	50.0	87.2	70 - 130	P	12/05/2014	13:18	LB74040
	Arsenic	20.38	20.0	101.9	70 - 130	P	12/05/2014	13:18	LB74040
	Barium	104.54	100	104.5	70 - 130	P	12/05/2014	13:18	LB74040
	Beryllium	6.06	6.0	101	70 - 130	P	12/05/2014	13:18	LB74040
	Cadmium	5.66	6.0	94.3	70 - 130	P	12/05/2014	13:18	LB74040
	Calcium	2047.3	2000	102.4	70 - 130	P	12/05/2014	13:18	LB74040
	Chromium	9.63	10.0	96.3	70 - 130	P	12/05/2014	13:18	LB74040
	Cobalt	29.93	30.0	99.8	70 - 130	P	12/05/2014	13:18	LB74040
	Copper	21.14	20.0	105.7	70 - 130	P	12/05/2014	13:18	LB74040
	Iron	98.47	100	98.5	70 - 130	P	12/05/2014	13:18	LB74040
	Lead	11.13	12.0	92.8	70 - 130	P	12/05/2014	13:18	LB74040
	Magnesium	2021.9	2000	101.1	70 - 130	P	12/05/2014	13:18	LB74040
	Manganese	20.71	20.0	103.6	70 - 130	P	12/05/2014	13:18	LB74040
	Nickel	40.05	40.0	100.1	70 - 130	P	12/05/2014	13:18	LB74040
	Potassium	2002.1	2000	100.1	70 - 130	P	12/05/2014	13:18	LB74040
	Selenium	23.91	20.0	119.6	70 - 130	P	12/05/2014	13:18	LB74040
	Silver	9.46	10.0	94.6	70 - 130	P	12/05/2014	13:18	LB74040
	Sodium	1991.8	2000	99.6	70 - 130	P	12/05/2014	13:18	LB74040
	Thallium	39.54	40.0	98.9	70 - 130	P	12/05/2014	13:18	LB74040
	Vanadium	40.63	40.0	101.6	70 - 130	P	12/05/2014	13:18	LB74040
	Zinc	42.14	40.0	105.4	70 - 130	P	12/05/2014	13:18	LB74040

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Aluminum	9881.9	10000	98.8	90 - 110	P	12/05/2014	14:59	LB74040
	Antimony	4806	5000	96.1	90 - 110	P	12/05/2014	14:59	LB74040
	Arsenic	4801.9	5000	96	90 - 110	P	12/05/2014	14:59	LB74040
	Barium	9916.4	10000	99.2	90 - 110	P	12/05/2014	14:59	LB74040
	Beryllium	243.43	250	97.4	90 - 110	P	12/05/2014	14:59	LB74040
	Cadmium	2403.5	2500	96.1	90 - 110	P	12/05/2014	14:59	LB74040
	Calcium	24498	25000	98	90 - 110	P	12/05/2014	14:59	LB74040
	Chromium	951.03	1000	95.1	90 - 110	P	12/05/2014	14:59	LB74040
	Cobalt	2394.4	2500	95.8	90 - 110	P	12/05/2014	14:59	LB74040
	Copper	1205.7	1250	96.5	90 - 110	P	12/05/2014	14:59	LB74040
	Iron	4925.5	5000	98.5	90 - 110	P	12/05/2014	14:59	LB74040
	Lead	4838.7	5000	96.8	90 - 110	P	12/05/2014	14:59	LB74040
	Magnesium	24362	25000	97.4	90 - 110	P	12/05/2014	14:59	LB74040
	Manganese	2462.4	2500	98.5	90 - 110	P	12/05/2014	14:59	LB74040
	Nickel	2389	2500	95.6	90 - 110	P	12/05/2014	14:59	LB74040
	Potassium	24846	25000	99.4	90 - 110	P	12/05/2014	14:59	LB74040
	Selenium	4792.3	5000	95.8	90 - 110	P	12/05/2014	14:59	LB74040
	Silver	1183.1	1250	94.6	90 - 110	P	12/05/2014	14:59	LB74040
	Sodium	23981	25000	95.9	90 - 110	P	12/05/2014	14:59	LB74040
	Thallium	4814	5000	96.3	90 - 110	P	12/05/2014	14:59	LB74040
	Vanadium	2410.8	2500	96.4	90 - 110	P	12/05/2014	14:59	LB74040
	Zinc	2517.5	2500	100.7	90 - 110	P	12/05/2014	14:59	LB74040
CCV03	Aluminum	10121	10000	101.2	90 - 110	P	12/05/2014	16:37	LB74040
	Antimony	4786.2	5000	95.7	90 - 110	P	12/05/2014	16:37	LB74040
	Arsenic	4805.7	5000	96.1	90 - 110	P	12/05/2014	16:37	LB74040
	Barium	9737.8	10000	97.4	90 - 110	P	12/05/2014	16:37	LB74040
	Beryllium	244.03	250	97.6	90 - 110	P	12/05/2014	16:37	LB74040
	Cadmium	2384.3	2500	95.4	90 - 110	P	12/05/2014	16:37	LB74040
	Calcium	24410	25000	97.6	90 - 110	P	12/05/2014	16:37	LB74040
	Chromium	961.05	1000	96.1	90 - 110	P	12/05/2014	16:37	LB74040
	Cobalt	2378.1	2500	95.1	90 - 110	P	12/05/2014	16:37	LB74040
	Copper	1212.7	1250	97	90 - 110	P	12/05/2014	16:37	LB74040
	Iron	5063	5000	101.3	90 - 110	P	12/05/2014	16:37	LB74040
	Lead	4827.8	5000	96.6	90 - 110	P	12/05/2014	16:37	LB74040

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Magnesium	24308	25000	97.2	90 - 110	P	12/05/2014	16:37	LB74040
	Manganese	2462	2500	98.5	90 - 110	P	12/05/2014	16:37	LB74040
	Nickel	2372.2	2500	94.9	90 - 110	P	12/05/2014	16:37	LB74040
	Potassium	24814	25000	99.3	90 - 110	P	12/05/2014	16:37	LB74040
	Selenium	4780.3	5000	95.6	90 - 110	P	12/05/2014	16:37	LB74040
	Silver	1184.3	1250	94.7	90 - 110	P	12/05/2014	16:37	LB74040
	Sodium	23756	25000	95	90 - 110	P	12/05/2014	16:37	LB74040
	Thallium	4759.3	5000	95.2	90 - 110	P	12/05/2014	16:37	LB74040
	Vanadium	2409.4	2500	96.4	90 - 110	P	12/05/2014	16:37	LB74040
	Zinc	2508.7	2500	100.3	90 - 110	P	12/05/2014	16:37	LB74040
CCV04	Aluminum	10175	10000	101.8	90 - 110	P	12/05/2014	17:34	LB74040
	Antimony	4669.7	5000	93.4	90 - 110	P	12/05/2014	17:34	LB74040
	Arsenic	4684.6	5000	93.7	90 - 110	P	12/05/2014	17:34	LB74040
	Barium	9575.4	10000	95.8	90 - 110	P	12/05/2014	17:34	LB74040
	Beryllium	241.91	250	96.8	90 - 110	P	12/05/2014	17:34	LB74040
	Cadmium	2353.8	2500	94.2	90 - 110	P	12/05/2014	17:34	LB74040
	Calcium	24260	25000	97	90 - 110	P	12/05/2014	17:34	LB74040
	Chromium	965.33	1000	96.5	90 - 110	P	12/05/2014	17:34	LB74040
	Cobalt	2348.2	2500	93.9	90 - 110	P	12/05/2014	17:34	LB74040
	Copper	1206.6	1250	96.5	90 - 110	P	12/05/2014	17:34	LB74040
	Iron	5001.7	5000	100	90 - 110	P	12/05/2014	17:34	LB74040
	Lead	4765.7	5000	95.3	90 - 110	P	12/05/2014	17:34	LB74040
	Magnesium	23962	25000	95.8	90 - 110	P	12/05/2014	17:34	LB74040
	Manganese	2450.4	2500	98	90 - 110	P	12/05/2014	17:34	LB74040
	Nickel	2353	2500	94.1	90 - 110	P	12/05/2014	17:34	LB74040
	Potassium	24397	25000	97.6	90 - 110	P	12/05/2014	17:34	LB74040
	Selenium	4702.7	5000	94.1	90 - 110	P	12/05/2014	17:34	LB74040
	Silver	1172.4	1250	93.8	90 - 110	P	12/05/2014	17:34	LB74040
	Sodium	23545	25000	94.2	90 - 110	P	12/05/2014	17:34	LB74040
	Thallium	4706.7	5000	94.1	90 - 110	P	12/05/2014	17:34	LB74040
	Vanadium	2393.9	2500	95.8	90 - 110	P	12/05/2014	17:34	LB74040
	Zinc	2441.7	2500	97.7	90 - 110	P	12/05/2014	17:34	LB74040
CCV05	Aluminum	10435	10000	104.4	90 - 110	P	12/05/2014	17:54	LB74040
	Antimony	4644.9	5000	92.9	90 - 110	P	12/05/2014	17:54	LB74040

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Arsenic	4646.1	5000	92.9	90 - 110	P	12/05/2014	17:54	LB74040
	Barium	9687.6	10000	96.9	90 - 110	P	12/05/2014	17:54	LB74040
	Beryllium	246.73	250	98.7	90 - 110	P	12/05/2014	17:54	LB74040
	Cadmium	2364.4	2500	94.6	90 - 110	P	12/05/2014	17:54	LB74040
	Calcium	24727	25000	98.9	90 - 110	P	12/05/2014	17:54	LB74040
	Chromium	1002	1000	100.2	90 - 110	P	12/05/2014	17:54	LB74040
	Cobalt	2353.6	2500	94.1	90 - 110	P	12/05/2014	17:54	LB74040
	Copper	1216.2	1250	97.3	90 - 110	P	12/05/2014	17:54	LB74040
	Iron	5116.8	5000	102.3	90 - 110	P	12/05/2014	17:54	LB74040
	Lead	4792.1	5000	95.8	90 - 110	P	12/05/2014	17:54	LB74040
	Magnesium	24407	25000	97.6	90 - 110	P	12/05/2014	17:54	LB74040
	Manganese	2507.3	2500	100.3	90 - 110	P	12/05/2014	17:54	LB74040
	Nickel	2371.5	2500	94.9	90 - 110	P	12/05/2014	17:54	LB74040
	Potassium	24530	25000	98.1	90 - 110	P	12/05/2014	17:54	LB74040
	Selenium	4702.7	5000	94.1	90 - 110	P	12/05/2014	17:54	LB74040
	Silver	1182.3	1250	94.6	90 - 110	P	12/05/2014	17:54	LB74040
	Sodium	23952	25000	95.8	90 - 110	P	12/05/2014	17:54	LB74040
	Thallium	4741	5000	94.8	90 - 110	P	12/05/2014	17:54	LB74040
	Vanadium	2425	2500	97	90 - 110	P	12/05/2014	17:54	LB74040
	Zinc	2485.9	2500	99.4	90 - 110	P	12/05/2014	17:54	LB74040

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Aluminum	112.72	100	112.7	70 - 130	P	12/05/2014	17:59	LB74040
	Antimony	42.17	50.0	84.3	70 - 130	P	12/05/2014	17:59	LB74040
	Arsenic	19.36	20.0	96.8	70 - 130	P	12/05/2014	17:59	LB74040
	Barium	101.3	100	101.3	70 - 130	P	12/05/2014	17:59	LB74040
	Beryllium	5.99	6.0	99.8	70 - 130	P	12/05/2014	17:59	LB74040
	Cadmium	5.65	6.0	94.2	70 - 130	P	12/05/2014	17:59	LB74040
	Calcium	1960.6	2000	98	70 - 130	P	12/05/2014	17:59	LB74040
	Chromium	9.26	10.0	92.6	70 - 130	P	12/05/2014	17:59	LB74040
	Cobalt	28.93	30.0	96.4	70 - 130	P	12/05/2014	17:59	LB74040
	Copper	20.23	20.0	101.2	70 - 130	P	12/05/2014	17:59	LB74040
	Iron	98.31	100	98.3	70 - 130	P	12/05/2014	17:59	LB74040
	Lead	9.8	12.0	81.7	70 - 130	P	12/05/2014	17:59	LB74040
	Magnesium	1943	2000	97.2	70 - 130	P	12/05/2014	17:59	LB74040
	Manganese	20.4	20.0	102	70 - 130	P	12/05/2014	17:59	LB74040
	Nickel	39.1	40.0	97.8	70 - 130	P	12/05/2014	17:59	LB74040
	Potassium	1969.2	2000	98.5	70 - 130	P	12/05/2014	17:59	LB74040
	Selenium	22.59	20.0	113	70 - 130	P	12/05/2014	17:59	LB74040
	Silver	9.31	10.0	93.1	70 - 130	P	12/05/2014	17:59	LB74040
	Sodium	1928.4	2000	96.4	70 - 130	P	12/05/2014	17:59	LB74040
	Thallium	40.74	40.0	101.9	70 - 130	P	12/05/2014	17:59	LB74040
	Vanadium	39.19	40.0	98	70 - 130	P	12/05/2014	17:59	LB74040
	Zinc	40.76	40.0	101.9	70 - 130	P	12/05/2014	17:59	LB74040

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2544.3	2521	100.9	90 - 110	P	12/08/2014	11:55	LB74049
	Antimony	977.4	994	98.3	90 - 110	P	12/08/2014	11:55	LB74049
	Arsenic	990.42	999	99.1	90 - 110	P	12/08/2014	11:55	LB74049
	Barium	514.22	503	102.2	90 - 110	P	12/08/2014	11:55	LB74049
	Beryllium	498.84	495	100.8	90 - 110	P	12/08/2014	11:55	LB74049
	Cadmium	497.03	496	100.2	90 - 110	P	12/08/2014	11:55	LB74049
	Calcium	10146	10026	101.2	90 - 110	P	12/08/2014	11:55	LB74049
	Chromium	499.41	490	101.9	90 - 110	P	12/08/2014	11:55	LB74049
	Cobalt	503.22	499	100.8	90 - 110	P	12/08/2014	11:55	LB74049
	Copper	510.17	492	103.7	90 - 110	P	12/08/2014	11:55	LB74049
	Iron	4993.4	5082	98.3	90 - 110	P	12/08/2014	11:55	LB74049
	Lead	999.75	1002	99.8	90 - 110	P	12/08/2014	11:55	LB74049
	Magnesium	6119.8	6074	100.8	90 - 110	P	12/08/2014	11:55	LB74049
	Manganese	513.88	499	103	90 - 110	P	12/08/2014	11:55	LB74049
	Nickel	503.7	503	100.1	90 - 110	P	12/08/2014	11:55	LB74049
	Potassium	10079	10021	100.6	90 - 110	P	12/08/2014	11:55	LB74049
	Selenium	996.48	1029	96.8	90 - 110	P	12/08/2014	11:55	LB74049
	Silver	468.76	501	93.6	90 - 110	P	12/08/2014	11:55	LB74049
	Sodium	9954.9	10097	98.6	90 - 110	P	12/08/2014	11:55	LB74049
	Thallium	1010.8	1028	98.3	90 - 110	P	12/08/2014	11:55	LB74049
	Vanadium	498.71	501	99.5	90 - 110	P	12/08/2014	11:55	LB74049
	Zinc	1031.9	1025	100.7	90 - 110	P	12/08/2014	11:55	LB74049

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	91.22	100	91.2	70 - 130	P	12/08/2014	12:00	LB74049
	Antimony	44.82	50.0	89.6	70 - 130	P	12/08/2014	12:00	LB74049
	Arsenic	18.67	20.0	93.4	70 - 130	P	12/08/2014	12:00	LB74049
	Barium	100.92	100	100.9	70 - 130	P	12/08/2014	12:00	LB74049
	Beryllium	6.06	6.0	101	70 - 130	P	12/08/2014	12:00	LB74049
	Cadmium	5.88	6.0	98	70 - 130	P	12/08/2014	12:00	LB74049
	Calcium	2045.3	2000	102.3	70 - 130	P	12/08/2014	12:00	LB74049
	Chromium	10.35	10.0	103.5	70 - 130	P	12/08/2014	12:00	LB74049
	Cobalt	29.89	30.0	99.6	70 - 130	P	12/08/2014	12:00	LB74049
	Copper	21.04	20.0	105.2	70 - 130	P	12/08/2014	12:00	LB74049
	Iron	107.37	100	107.4	70 - 130	P	12/08/2014	12:00	LB74049
	Lead	10.6	12.0	88.3	70 - 130	P	12/08/2014	12:00	LB74049
	Magnesium	2051.2	2000	102.6	70 - 130	P	12/08/2014	12:00	LB74049
	Manganese	20.61	20.0	103.1	70 - 130	P	12/08/2014	12:00	LB74049
	Nickel	40.63	40.0	101.6	70 - 130	P	12/08/2014	12:00	LB74049
	Potassium	1860.5	2000	93	70 - 130	P	12/08/2014	12:00	LB74049
	Selenium	18.48	20.0	92.4	70 - 130	P	12/08/2014	12:00	LB74049
	Silver	9.02	10.0	90.2	70 - 130	P	12/08/2014	12:00	LB74049
	Sodium	1923.7	2000	96.2	70 - 130	P	12/08/2014	12:00	LB74049
	Thallium	37.11	40.0	92.8	70 - 130	P	12/08/2014	12:00	LB74049
	Vanadium	40.53	40.0	101.3	70 - 130	P	12/08/2014	12:00	LB74049
	Zinc	42.04	40.0	105.1	70 - 130	P	12/08/2014	12:00	LB74049

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10190	10000	101.9	90 - 110	P	12/08/2014	12:31	LB74049
	Antimony	5005.9	5000	100.1	90 - 110	P	12/08/2014	12:31	LB74049
	Arsenic	4978.6	5000	99.6	90 - 110	P	12/08/2014	12:31	LB74049
	Barium	10130	10000	101.3	90 - 110	P	12/08/2014	12:31	LB74049
	Beryllium	251.45	250	100.6	90 - 110	P	12/08/2014	12:31	LB74049
	Cadmium	2497.3	2500	99.9	90 - 110	P	12/08/2014	12:31	LB74049
	Calcium	25255	25000	101	90 - 110	P	12/08/2014	12:31	LB74049
	Chromium	989.5	1000	99	90 - 110	P	12/08/2014	12:31	LB74049
	Cobalt	2492.4	2500	99.7	90 - 110	P	12/08/2014	12:31	LB74049
	Copper	1254.8	1250	100.4	90 - 110	P	12/08/2014	12:31	LB74049
	Iron	5129.9	5000	102.6	90 - 110	P	12/08/2014	12:31	LB74049
	Lead	5060.3	5000	101.2	90 - 110	P	12/08/2014	12:31	LB74049
	Magnesium	25445	25000	101.8	90 - 110	P	12/08/2014	12:31	LB74049
	Manganese	2514.4	2500	100.6	90 - 110	P	12/08/2014	12:31	LB74049
	Nickel	2468.2	2500	98.7	90 - 110	P	12/08/2014	12:31	LB74049
	Potassium	25438	25000	101.8	90 - 110	P	12/08/2014	12:31	LB74049
	Selenium	4977.6	5000	99.6	90 - 110	P	12/08/2014	12:31	LB74049
	Silver	1226.6	1250	98.1	90 - 110	P	12/08/2014	12:31	LB74049
	Sodium	24720	25000	98.9	90 - 110	P	12/08/2014	12:31	LB74049
	Thallium	4948	5000	99	90 - 110	P	12/08/2014	12:31	LB74049
	Vanadium	2424.6	2500	97	90 - 110	P	12/08/2014	12:31	LB74049
	Zinc	2568.8	2500	102.8	90 - 110	P	12/08/2014	12:31	LB74049

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Aluminum	106.52	100	106.5	70 - 130	P	12/08/2014	12:35	LB74049
	Antimony	45.93	50.0	91.9	70 - 130	P	12/08/2014	12:35	LB74049
	Arsenic	18.24	20.0	91.2	70 - 130	P	12/08/2014	12:35	LB74049
	Barium	104.31	100	104.3	70 - 130	P	12/08/2014	12:35	LB74049
	Beryllium	6.07	6.0	101.2	70 - 130	P	12/08/2014	12:35	LB74049
	Cadmium	5.94	6.0	99	70 - 130	P	12/08/2014	12:35	LB74049
	Calcium	2021.8	2000	101.1	70 - 130	P	12/08/2014	12:35	LB74049
	Chromium	9.62	10.0	96.2	70 - 130	P	12/08/2014	12:35	LB74049
	Cobalt	30.39	30.0	101.3	70 - 130	P	12/08/2014	12:35	LB74049
	Copper	20.49	20.0	102.5	70 - 130	P	12/08/2014	12:35	LB74049
	Iron	99.34	100	99.3	70 - 130	P	12/08/2014	12:35	LB74049
	Lead	12.5	12.0	104.2	70 - 130	P	12/08/2014	12:35	LB74049
	Magnesium	2086.3	2000	104.3	70 - 130	P	12/08/2014	12:35	LB74049
	Manganese	20.73	20.0	103.7	70 - 130	P	12/08/2014	12:35	LB74049
	Nickel	40.29	40.0	100.7	70 - 130	P	12/08/2014	12:35	LB74049
	Potassium	1841.1	2000	92.1	70 - 130	P	12/08/2014	12:35	LB74049
	Selenium	16.95	20.0	84.8	70 - 130	P	12/08/2014	12:35	LB74049
	Silver	9.14	10.0	91.4	70 - 130	P	12/08/2014	12:35	LB74049
	Sodium	1892.5	2000	94.6	70 - 130	P	12/08/2014	12:35	LB74049
	Thallium	39.2	40.0	98	70 - 130	P	12/08/2014	12:35	LB74049
	Vanadium	39.1	40.0	97.8	70 - 130	P	12/08/2014	12:35	LB74049
	Zinc	42.79	40.0	107	70 - 130	P	12/08/2014	12:35	LB74049

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Aluminum	9930.4	10000	99.3	90 - 110	P	12/08/2014	13:59	LB74049
	Antimony	4917.8	5000	98.4	90 - 110	P	12/08/2014	13:59	LB74049
	Arsenic	4880.5	5000	97.6	90 - 110	P	12/08/2014	13:59	LB74049
	Barium	9952.2	10000	99.5	90 - 110	P	12/08/2014	13:59	LB74049
	Beryllium	251.17	250	100.5	90 - 110	P	12/08/2014	13:59	LB74049
	Cadmium	2466.6	2500	98.7	90 - 110	P	12/08/2014	13:59	LB74049
	Calcium	24922	25000	99.7	90 - 110	P	12/08/2014	13:59	LB74049
	Chromium	982.39	1000	98.2	90 - 110	P	12/08/2014	13:59	LB74049
	Cobalt	2449.2	2500	98	90 - 110	P	12/08/2014	13:59	LB74049
	Copper	1223.7	1250	97.9	90 - 110	P	12/08/2014	13:59	LB74049
	Iron	5016.5	5000	100.3	90 - 110	P	12/08/2014	13:59	LB74049
	Lead	4976.2	5000	99.5	90 - 110	P	12/08/2014	13:59	LB74049
	Magnesium	25289	25000	101.2	90 - 110	P	12/08/2014	13:59	LB74049
	Manganese	2507.4	2500	100.3	90 - 110	P	12/08/2014	13:59	LB74049
	Nickel	2439.8	2500	97.6	90 - 110	P	12/08/2014	13:59	LB74049
	Potassium	24890	25000	99.6	90 - 110	P	12/08/2014	13:59	LB74049
	Selenium	4942.3	5000	98.8	90 - 110	P	12/08/2014	13:59	LB74049
	Silver	1206.5	1250	96.5	90 - 110	P	12/08/2014	13:59	LB74049
	Sodium	24141	25000	96.6	90 - 110	P	12/08/2014	13:59	LB74049
	Thallium	4894.6	5000	97.9	90 - 110	P	12/08/2014	13:59	LB74049
	Vanadium	2424.4	2500	97	90 - 110	P	12/08/2014	13:59	LB74049
	Zinc	2564	2500	102.6	90 - 110	P	12/08/2014	13:59	LB74049
CCV03	Aluminum	9795.1	10000	98	90 - 110	P	12/08/2014	14:49	LB74049
	Antimony	4862.6	5000	97.3	90 - 110	P	12/08/2014	14:49	LB74049
	Arsenic	4849.8	5000	97	90 - 110	P	12/08/2014	14:49	LB74049
	Barium	9771.8	10000	97.7	90 - 110	P	12/08/2014	14:49	LB74049
	Beryllium	247.42	250	99	90 - 110	P	12/08/2014	14:49	LB74049
	Cadmium	2447.3	2500	97.9	90 - 110	P	12/08/2014	14:49	LB74049
	Calcium	24374	25000	97.5	90 - 110	P	12/08/2014	14:49	LB74049
	Chromium	959.27	1000	95.9	90 - 110	P	12/08/2014	14:49	LB74049
	Cobalt	2424.7	2500	97	90 - 110	P	12/08/2014	14:49	LB74049
	Copper	1208	1250	96.6	90 - 110	P	12/08/2014	14:49	LB74049
	Iron	4980.9	5000	99.6	90 - 110	P	12/08/2014	14:49	LB74049
	Lead	4934.2	5000	98.7	90 - 110	P	12/08/2014	14:49	LB74049

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Magnesium	24810	25000	99.2	90 - 110	P	12/08/2014	14:49	LB74049
	Manganese	2465.5	2500	98.6	90 - 110	P	12/08/2014	14:49	LB74049
	Nickel	2414.5	2500	96.6	90 - 110	P	12/08/2014	14:49	LB74049
	Potassium	24368	25000	97.5	90 - 110	P	12/08/2014	14:49	LB74049
	Selenium	4889.8	5000	97.8	90 - 110	P	12/08/2014	14:49	LB74049
	Silver	1182.4	1250	94.6	90 - 110	P	12/08/2014	14:49	LB74049
	Sodium	23556	25000	94.2	90 - 110	P	12/08/2014	14:49	LB74049
	Thallium	4845.2	5000	96.9	90 - 110	P	12/08/2014	14:49	LB74049
	Vanadium	2377.3	2500	95.1	90 - 110	P	12/08/2014	14:49	LB74049
	Zinc	2528.7	2500	101.1	90 - 110	P	12/08/2014	14:49	LB74049
CCV04	Aluminum	9767.5	10000	97.7	90 - 110	P	12/08/2014	15:40	LB74049
	Antimony	4883.1	5000	97.7	90 - 110	P	12/08/2014	15:40	LB74049
	Arsenic	4875.2	5000	97.5	90 - 110	P	12/08/2014	15:40	LB74049
	Barium	9761.5	10000	97.6	90 - 110	P	12/08/2014	15:40	LB74049
	Beryllium	247.23	250	98.9	90 - 110	P	12/08/2014	15:40	LB74049
	Cadmium	2462.4	2500	98.5	90 - 110	P	12/08/2014	15:40	LB74049
	Calcium	24355	25000	97.4	90 - 110	P	12/08/2014	15:40	LB74049
	Chromium	951.26	1000	95.1	90 - 110	P	12/08/2014	15:40	LB74049
	Cobalt	2434.6	2500	97.4	90 - 110	P	12/08/2014	15:40	LB74049
	Copper	1202.4	1250	96.2	90 - 110	P	12/08/2014	15:40	LB74049
	Iron	5172	5000	103.4	90 - 110	P	12/08/2014	15:40	LB74049
	Lead	4981.5	5000	99.6	90 - 110	P	12/08/2014	15:40	LB74049
	Magnesium	24911	25000	99.6	90 - 110	P	12/08/2014	15:40	LB74049
	Manganese	2463.2	2500	98.5	90 - 110	P	12/08/2014	15:40	LB74049
	Nickel	2415	2500	96.6	90 - 110	P	12/08/2014	15:40	LB74049
	Potassium	24383	25000	97.5	90 - 110	P	12/08/2014	15:40	LB74049
	Selenium	4911.1	5000	98.2	90 - 110	P	12/08/2014	15:40	LB74049
	Silver	1174.5	1250	94	90 - 110	P	12/08/2014	15:40	LB74049
	Sodium	23481	25000	93.9	90 - 110	P	12/08/2014	15:40	LB74049
	Thallium	4836.8	5000	96.7	90 - 110	P	12/08/2014	15:40	LB74049
	Vanadium	2354.4	2500	94.2	90 - 110	P	12/08/2014	15:40	LB74049
	Zinc	2529.2	2500	101.2	90 - 110	P	12/08/2014	15:40	LB74049
CCV05	Aluminum	9410.4	10000	94.1	90 - 110	P	12/08/2014	16:32	LB74049
	Antimony	4874.7	5000	97.5	90 - 110	P	12/08/2014	16:32	LB74049

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Arsenic	4864.1	5000	97.3	90 - 110	P	12/08/2014	16:32	LB74049
	Barium	9676.9	10000	96.8	90 - 110	P	12/08/2014	16:32	LB74049
	Beryllium	242.4	250	97	90 - 110	P	12/08/2014	16:32	LB74049
	Cadmium	2432.3	2500	97.3	90 - 110	P	12/08/2014	16:32	LB74049
	Calcium	23897	25000	95.6	90 - 110	P	12/08/2014	16:32	LB74049
	Chromium	918.98	1000	91.9	90 - 110	P	12/08/2014	16:32	LB74049
	Cobalt	2412.4	2500	96.5	90 - 110	P	12/08/2014	16:32	LB74049
	Copper	1190.3	1250	95.2	90 - 110	P	12/08/2014	16:32	LB74049
	Iron	5056.4	5000	101.1	90 - 110	P	12/08/2014	16:32	LB74049
	Lead	4949.6	5000	99	90 - 110	P	12/08/2014	16:32	LB74049
	Magnesium	24675	25000	98.7	90 - 110	P	12/08/2014	16:32	LB74049
	Manganese	2399.6	2500	96	90 - 110	P	12/08/2014	16:32	LB74049
	Nickel	2371.5	2500	94.9	90 - 110	P	12/08/2014	16:32	LB74049
	Potassium	24126	25000	96.5	90 - 110	P	12/08/2014	16:32	LB74049
	Selenium	4881.7	5000	97.6	90 - 110	P	12/08/2014	16:32	LB74049
	Silver	1153.8	1250	92.3	90 - 110	P	12/08/2014	16:32	LB74049
	Sodium	23125	25000	92.5	90 - 110	P	12/08/2014	16:32	LB74049
	Thallium	4760.4	5000	95.2	90 - 110	P	12/08/2014	16:32	LB74049
	Vanadium	2268.2	2500	90.7	90 - 110	P	12/08/2014	16:32	LB74049
	Zinc	2523.3	2500	100.9	90 - 110	P	12/08/2014	16:32	LB74049
CCV06	Aluminum	9889.1	10000	98.9	90 - 110	P	12/08/2014	17:33	LB74049
	Antimony	4822.6	5000	96.5	90 - 110	P	12/08/2014	17:33	LB74049
	Arsenic	4870	5000	97.4	90 - 110	P	12/08/2014	17:33	LB74049
	Barium	9702.3	10000	97	90 - 110	P	12/08/2014	17:33	LB74049
	Beryllium	248.58	250	99.4	90 - 110	P	12/08/2014	17:33	LB74049
	Cadmium	2469.5	2500	98.8	90 - 110	P	12/08/2014	17:33	LB74049
	Calcium	24632	25000	98.5	90 - 110	P	12/08/2014	17:33	LB74049
	Chromium	986.8	1000	98.7	90 - 110	P	12/08/2014	17:33	LB74049
	Cobalt	2439.4	2500	97.6	90 - 110	P	12/08/2014	17:33	LB74049
	Copper	1224.1	1250	97.9	90 - 110	P	12/08/2014	17:33	LB74049
	Iron	5213.5	5000	104.3	90 - 110	P	12/08/2014	17:33	LB74049
	Lead	5021.3	5000	100.4	90 - 110	P	12/08/2014	17:33	LB74049
	Magnesium	25297	25000	101.2	90 - 110	P	12/08/2014	17:33	LB74049
	Manganese	2488.5	2500	99.5	90 - 110	P	12/08/2014	17:33	LB74049

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Nickel	2422.8	2500	96.9	90 - 110	P	12/08/2014	17:33	LB74049
	Potassium	24527	25000	98.1	90 - 110	P	12/08/2014	17:33	LB74049
	Selenium	4913.9	5000	98.3	90 - 110	P	12/08/2014	17:33	LB74049
	Silver	1193.3	1250	95.5	90 - 110	P	12/08/2014	17:33	LB74049
	Sodium	23588	25000	94.4	90 - 110	P	12/08/2014	17:33	LB74049
	Thallium	4855	5000	97.1	90 - 110	P	12/08/2014	17:33	LB74049
	Vanadium	2372.3	2500	94.9	90 - 110	P	12/08/2014	17:33	LB74049
	Zinc	2605.1	2500	104.2	90 - 110	P	12/08/2014	17:33	LB74049
CCV07	Aluminum	9838.5	10000	98.4	90 - 110	P	12/08/2014	18:39	LB74049
	Antimony	4694	5000	93.9	90 - 110	P	12/08/2014	18:39	LB74049
	Arsenic	4777	5000	95.5	90 - 110	P	12/08/2014	18:39	LB74049
	Barium	9588.5	10000	95.9	90 - 110	P	12/08/2014	18:39	LB74049
	Beryllium	248.19	250	99.3	90 - 110	P	12/08/2014	18:39	LB74049
	Cadmium	2441.9	2500	97.7	90 - 110	P	12/08/2014	18:39	LB74049
	Calcium	24619	25000	98.5	90 - 110	P	12/08/2014	18:39	LB74049
	Chromium	996.44	1000	99.6	90 - 110	P	12/08/2014	18:39	LB74049
	Cobalt	2400.1	2500	96	90 - 110	P	12/08/2014	18:39	LB74049
	Copper	1206.9	1250	96.6	90 - 110	P	12/08/2014	18:39	LB74049
	Iron	5082.7	5000	101.7	90 - 110	P	12/08/2014	18:39	LB74049
	Lead	4937	5000	98.7	90 - 110	P	12/08/2014	18:39	LB74049
	Magnesium	25169	25000	100.7	90 - 110	P	12/08/2014	18:39	LB74049
	Manganese	2491.5	2500	99.7	90 - 110	P	12/08/2014	18:39	LB74049
	Nickel	2406.8	2500	96.3	90 - 110	P	12/08/2014	18:39	LB74049
	Potassium	24279	25000	97.1	90 - 110	P	12/08/2014	18:39	LB74049
	Selenium	4829.8	5000	96.6	90 - 110	P	12/08/2014	18:39	LB74049
	Silver	1181.4	1250	94.5	90 - 110	P	12/08/2014	18:39	LB74049
	Sodium	23447	25000	93.8	90 - 110	P	12/08/2014	18:39	LB74049
	Thallium	4810.9	5000	96.2	90 - 110	P	12/08/2014	18:39	LB74049
	Vanadium	2389.6	2500	95.6	90 - 110	P	12/08/2014	18:39	LB74049
	Zinc	2542.8	2500	101.7	90 - 110	P	12/08/2014	18:39	LB74049
CCV08	Aluminum	9810.7	10000	98.1	90 - 110	P	12/08/2014	19:16	LB74049
	Antimony	4693	5000	93.9	90 - 110	P	12/08/2014	19:16	LB74049
	Arsenic	4792.4	5000	95.8	90 - 110	P	12/08/2014	19:16	LB74049
	Barium	9573.7	10000	95.7	90 - 110	P	12/08/2014	19:16	LB74049

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Beryllium	249.96	250	100	90 - 110	P	12/08/2014	19:16	LB74049
	Cadmium	2451.2	2500	98	90 - 110	P	12/08/2014	19:16	LB74049
	Calcium	24781	25000	99.1	90 - 110	P	12/08/2014	19:16	LB74049
	Chromium	1005.2	1000	100.5	90 - 110	P	12/08/2014	19:16	LB74049
	Cobalt	2402.4	2500	96.1	90 - 110	P	12/08/2014	19:16	LB74049
	Copper	1208.4	1250	96.7	90 - 110	P	12/08/2014	19:16	LB74049
	Iron	5077	5000	101.5	90 - 110	P	12/08/2014	19:16	LB74049
	Lead	4946.1	5000	98.9	90 - 110	P	12/08/2014	19:16	LB74049
	Magnesium	25316	25000	101.3	90 - 110	P	12/08/2014	19:16	LB74049
	Manganese	2514.5	2500	100.6	90 - 110	P	12/08/2014	19:16	LB74049
	Nickel	2418.2	2500	96.7	90 - 110	P	12/08/2014	19:16	LB74049
	Potassium	24349	25000	97.4	90 - 110	P	12/08/2014	19:16	LB74049
	Selenium	4850.4	5000	97	90 - 110	P	12/08/2014	19:16	LB74049
	Silver	1187.3	1250	95	90 - 110	P	12/08/2014	19:16	LB74049
	Sodium	23488	25000	94	90 - 110	P	12/08/2014	19:16	LB74049
	Thallium	4838.6	5000	96.8	90 - 110	P	12/08/2014	19:16	LB74049
	Vanadium	2420.8	2500	96.8	90 - 110	P	12/08/2014	19:16	LB74049
	Zinc	2574.1	2500	103	90 - 110	P	12/08/2014	19:16	LB74049

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Aluminum	95.49	100	95.5	70 - 130	P	12/08/2014	19:20	LB74049
	Antimony	44.26	50.0	88.5	70 - 130	P	12/08/2014	19:20	LB74049
	Arsenic	16.07	20.0	80.4	70 - 130	P	12/08/2014	19:20	LB74049
	Barium	102.95	100	103	70 - 130	P	12/08/2014	19:20	LB74049
	Beryllium	6.03	6.0	100.5	70 - 130	P	12/08/2014	19:20	LB74049
	Cadmium	5.82	6.0	97	70 - 130	P	12/08/2014	19:20	LB74049
	Calcium	1968.4	2000	98.4	70 - 130	P	12/08/2014	19:20	LB74049
	Chromium	10.22	10.0	102.2	70 - 130	P	12/08/2014	19:20	LB74049
	Cobalt	29.43	30.0	98.1	70 - 130	P	12/08/2014	19:20	LB74049
	Copper	19.48	20.0	97.4	70 - 130	P	12/08/2014	19:20	LB74049
	Iron	99.85	100	99.9	70 - 130	P	12/08/2014	19:20	LB74049
	Lead	11.27	12.0	93.9	70 - 130	P	12/08/2014	19:20	LB74049
	Magnesium	2078.1	2000	103.9	70 - 130	P	12/08/2014	19:20	LB74049
	Manganese	20.67	20.0	103.4	70 - 130	P	12/08/2014	19:20	LB74049
	Nickel	39.86	40.0	99.7	70 - 130	P	12/08/2014	19:20	LB74049
	Potassium	1671.2	2000	83.6	70 - 130	P	12/08/2014	19:20	LB74049
	Selenium	15.5	20.0	77.5	70 - 130	P	12/08/2014	19:20	LB74049
	Silver	8.3	10.0	83	70 - 130	P	12/08/2014	19:20	LB74049
	Sodium	1819.3	2000	91	70 - 130	P	12/08/2014	19:20	LB74049
	Thallium	40.06	40.0	100.2	70 - 130	P	12/08/2014	19:20	LB74049
	Vanadium	39.56	40.0	98.9	70 - 130	P	12/08/2014	19:20	LB74049
	Zinc	44.29	40.0	110.7	70 - 130	P	12/08/2014	19:20	LB74049

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Metals

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CRDL STANDARD FOR AA & ICP

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.238	0.2	119	40 - 160	CV	12/05/2014	09:58	LB74023
CRI01	Aluminum	103.43	100	103.4	40 - 160	P	12/05/2014	12:55	LB74040
	Antimony	44.13	50.0	88.3	40 - 160	P	12/05/2014	12:55	LB74040
	Arsenic	21.21	20.0	106.1	40 - 160	P	12/05/2014	12:55	LB74040
	Barium	105.34	100	105.3	40 - 160	P	12/05/2014	12:55	LB74040
	Beryllium	6.13	6.0	102.2	40 - 160	P	12/05/2014	12:55	LB74040
	Cadmium	5.68	6.0	94.7	40 - 160	P	12/05/2014	12:55	LB74040
	Calcium	2023.9	2000	101.2	40 - 160	P	12/05/2014	12:55	LB74040
	Chromium	9.89	10.0	98.9	40 - 160	P	12/05/2014	12:55	LB74040
	Cobalt	29.94	30.0	99.8	40 - 160	P	12/05/2014	12:55	LB74040
	Copper	20.83	20.0	104.2	40 - 160	P	12/05/2014	12:55	LB74040
	Iron	97.17	100	97.2	40 - 160	P	12/05/2014	12:55	LB74040
	Lead	11.05	12.0	92.1	40 - 160	P	12/05/2014	12:55	LB74040
	Magnesium	2027	2000	101.4	40 - 160	P	12/05/2014	12:55	LB74040
	Manganese	20.86	20.0	104.3	40 - 160	P	12/05/2014	12:55	LB74040
	Nickel	40.34	40.0	100.9	40 - 160	P	12/05/2014	12:55	LB74040
	Potassium	1983.1	2000	99.2	40 - 160	P	12/05/2014	12:55	LB74040
	Selenium	25.36	20.0	126.8	40 - 160	P	12/05/2014	12:55	LB74040
	Silver	10.19	10.0	101.9	40 - 160	P	12/05/2014	12:55	LB74040
	Sodium	1998.6	2000	99.9	40 - 160	P	12/05/2014	12:55	LB74040
	Thallium	37.83	40.0	94.6	40 - 160	P	12/05/2014	12:55	LB74040
	Vanadium	41.04	40.0	102.6	40 - 160	P	12/05/2014	12:55	LB74040
	Zinc	42.12	40.0	105.3	40 - 160	P	12/05/2014	12:55	LB74040
CRA	Mercury	0.2426	0.2	121.3	40 - 160	CV	12/05/2014	13:53	LB74026
CRI01	Aluminum	103.49	100	103.5	40 - 160	P	12/08/2014	12:11	LB74049
	Antimony	44.83	50.0	89.7	40 - 160	P	12/08/2014	12:11	LB74049
	Arsenic	14.49	20.0	72.5	40 - 160	P	12/08/2014	12:11	LB74049
	Barium	102.02	100	102	40 - 160	P	12/08/2014	12:11	LB74049
	Beryllium	6.17	6.0	102.8	40 - 160	P	12/08/2014	12:11	LB74049
	Cadmium	5.93	6.0	98.8	40 - 160	P	12/08/2014	12:11	LB74049
	Calcium	2039.7	2000	102	40 - 160	P	12/08/2014	12:11	LB74049
	Chromium	10.88	10.0	108.8	40 - 160	P	12/08/2014	12:11	LB74049
	Cobalt	29.9	30.0	99.7	40 - 160	P	12/08/2014	12:11	LB74049
	Copper	20.9	20.0	104.5	40 - 160	P	12/08/2014	12:11	LB74049
	Iron	102.22	100	102.2	40 - 160	P	12/08/2014	12:11	LB74049

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Metals

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CRDL STANDARD FOR AA & ICP

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	11.4	12.0	95	40 - 160	P	12/08/2014	12:11	LB74049
	Magnesium	2055.5	2000	102.8	40 - 160	P	12/08/2014	12:11	LB74049
	Manganese	20.95	20.0	104.8	40 - 160	P	12/08/2014	12:11	LB74049
	Nickel	40.7	40.0	101.8	40 - 160	P	12/08/2014	12:11	LB74049
	Potassium	1786.6	2000	89.3	40 - 160	P	12/08/2014	12:11	LB74049
	Selenium	18.62	20.0	93.1	40 - 160	P	12/08/2014	12:11	LB74049
	Silver	8.75	10.0	87.5	40 - 160	P	12/08/2014	12:11	LB74049
	Sodium	1920.4	2000	96	40 - 160	P	12/08/2014	12:11	LB74049
	Thallium	38.43	40.0	96.1	40 - 160	P	12/08/2014	12:11	LB74049
	Vanadium	40.6	40.0	101.5	40 - 160	P	12/08/2014	12:11	LB74049
	Zinc	42.52	40.0	106.3	40 - 160	P	12/08/2014	12:11	LB74049

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB48	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	09:52	LB74023

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB18	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	09:56	LB74023
CCB19	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	10:22	LB74023
CCB20	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	10:47	LB74023
CCB21	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	11:09	LB74023

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB49	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	13:46	LB74026

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB22	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	13:51	LB74026
CCB23	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	14:18	LB74026
CCB24	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	14:51	LB74026
CCB25	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	15:18	LB74026
CCB26	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	15:45	LB74026
CCB27	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	16:13	LB74026
CCB28	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	16:43	LB74026
CCB29	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/05/2014	17:18	LB74026

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	50.0	100	P	12/05/2014	12:44	LB74040
	Antimony	50.0	+/-50.0	U	25.0	50.0	P	12/05/2014	12:44	LB74040
	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	12:44	LB74040
	Barium	100	+/-100	U	50.0	100	P	12/05/2014	12:44	LB74040
	Beryllium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	12:44	LB74040
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	12:44	LB74040
	Calcium	2000	+/-2000	U	1000	2000	P	12/05/2014	12:44	LB74040
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	12:44	LB74040
	Cobalt	30.0	+/-30.0	U	15.0	30.0	P	12/05/2014	12:44	LB74040
	Copper	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	12:44	LB74040
	Iron	100	+/-100	U	50.0	100	P	12/05/2014	12:44	LB74040
	Lead	12.0	+/-12.0	U	6.0	12.0	P	12/05/2014	12:44	LB74040
	Magnesium	2000	+/-2000	U	1000	2000	P	12/05/2014	12:44	LB74040
	Manganese	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	12:44	LB74040
	Nickel	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	12:44	LB74040
	Potassium	2000	+/-2000	U	1000	2000	P	12/05/2014	12:44	LB74040
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	12:44	LB74040
	Silver	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	12:44	LB74040
	Sodium	2000	+/-2000	U	1000	2000	P	12/05/2014	12:44	LB74040
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	12:44	LB74040
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	12:44	LB74040
	Zinc	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	12:44	LB74040

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	50.0	100	P	12/05/2014	13:22	LB74040
	Antimony	50.0	+/-50.0	U	25.0	50.0	P	12/05/2014	13:22	LB74040
	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	13:22	LB74040
	Barium	100	+/-100	U	50.0	100	P	12/05/2014	13:22	LB74040
	Beryllium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	13:22	LB74040
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	13:22	LB74040
	Calcium	2000	+/-2000	U	1000	2000	P	12/05/2014	13:22	LB74040
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	13:22	LB74040
	Cobalt	30.0	+/-30.0	U	15.0	30.0	P	12/05/2014	13:22	LB74040
	Copper	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	13:22	LB74040
	Iron	100	+/-100	U	50.0	100	P	12/05/2014	13:22	LB74040
	Lead	12.0	+/-12.0	U	6.0	12.0	P	12/05/2014	13:22	LB74040
	Magnesium	2000	+/-2000	U	1000	2000	P	12/05/2014	13:22	LB74040
	Manganese	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	13:22	LB74040
	Nickel	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	13:22	LB74040
	Potassium	2000	+/-2000	U	1000	2000	P	12/05/2014	13:22	LB74040
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	13:22	LB74040
	Silver	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	13:22	LB74040
	Sodium	2000	+/-2000	U	1000	2000	P	12/05/2014	13:22	LB74040
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	13:22	LB74040
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	13:22	LB74040
	Zinc	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	13:22	LB74040
CCB02	Aluminum	100	+/-100	U	50.0	100	P	12/05/2014	15:03	LB74040
	Antimony	50.0	+/-50.0	U	25.0	50.0	P	12/05/2014	15:03	LB74040
	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	15:03	LB74040
	Barium	100	+/-100	U	50.0	100	P	12/05/2014	15:03	LB74040
	Beryllium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	15:03	LB74040
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	15:03	LB74040
	Calcium	2000	+/-2000	U	1000	2000	P	12/05/2014	15:03	LB74040
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	15:03	LB74040
	Cobalt	30.0	+/-30.0	U	15.0	30.0	P	12/05/2014	15:03	LB74040
	Copper	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	15:03	LB74040
	Iron	100	+/-100	U	50.0	100	P	12/05/2014	15:03	LB74040
	Lead	12.0	+/-12.0	U	6.0	12.0	P	12/05/2014	15:03	LB74040
	Magnesium	2000	+/-2000	U	1000	2000	P	12/05/2014	15:03	LB74040
	Manganese	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	15:03	LB74040
	Nickel	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	15:03	LB74040
	Potassium	2000	+/-2000	U	1000	2000	P	12/05/2014	15:03	LB74040
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	15:03	LB74040
	Silver	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	15:03	LB74040

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Sodium	2000	+/-2000	U	1000	2000	P	12/05/2014	15:03	LB74040
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	15:03	LB74040
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	15:03	LB74040
	Zinc	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	15:03	LB74040
CCB03	Aluminum	100	+/-100	U	50.0	100	P	12/05/2014	16:41	LB74040
	Antimony	50.0	+/-50.0	U	25.0	50.0	P	12/05/2014	16:41	LB74040
	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	16:41	LB74040
	Barium	100	+/-100	U	50.0	100	P	12/05/2014	16:41	LB74040
	Beryllium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	16:41	LB74040
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	16:41	LB74040
	Calcium	2000	+/-2000	U	1000	2000	P	12/05/2014	16:41	LB74040
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	16:41	LB74040
	Cobalt	30.0	+/-30.0	U	15.0	30.0	P	12/05/2014	16:41	LB74040
	Copper	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	16:41	LB74040
	Iron	100	+/-100	U	50.0	100	P	12/05/2014	16:41	LB74040
	Lead	12.0	+/-12.0	U	6.0	12.0	P	12/05/2014	16:41	LB74040
	Magnesium	2000	+/-2000	U	1000	2000	P	12/05/2014	16:41	LB74040
	Manganese	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	16:41	LB74040
	Nickel	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	16:41	LB74040
	Potassium	2000	+/-2000	U	1000	2000	P	12/05/2014	16:41	LB74040
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	16:41	LB74040
	Silver	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	16:41	LB74040
	Sodium	2000	+/-2000	U	1000	2000	P	12/05/2014	16:41	LB74040
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	16:41	LB74040
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	16:41	LB74040
	Zinc	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	16:41	LB74040
CCB04	Aluminum	100	+/-100	U	50.0	100	P	12/05/2014	17:39	LB74040
	Antimony	50.0	+/-50.0	U	25.0	50.0	P	12/05/2014	17:39	LB74040
	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	17:39	LB74040
	Barium	100	+/-100	U	50.0	100	P	12/05/2014	17:39	LB74040
	Beryllium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	17:39	LB74040
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	17:39	LB74040
	Calcium	2000	+/-2000	U	1000	2000	P	12/05/2014	17:39	LB74040
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	17:39	LB74040
	Cobalt	30.0	+/-30.0	U	15.0	30.0	P	12/05/2014	17:39	LB74040
	Copper	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	17:39	LB74040
	Iron	100	+/-100	U	50.0	100	P	12/05/2014	17:39	LB74040
	Lead	12.0	+/-12.0	U	6.0	12.0	P	12/05/2014	17:39	LB74040
	Magnesium	2000	+/-2000	U	1000	2000	P	12/05/2014	17:39	LB74040
	Manganese	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	17:39	LB74040

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Nickel	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	17:39	LB74040
	Potassium	2000	+/-2000	U	1000	2000	P	12/05/2014	17:39	LB74040
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	17:39	LB74040
	Silver	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	17:39	LB74040
	Sodium	2000	+/-2000	U	1000	2000	P	12/05/2014	17:39	LB74040
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	17:39	LB74040
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	17:39	LB74040
	Zinc	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	17:39	LB74040
CCB05	Aluminum	100	+/-100	U	50.0	100	P	12/05/2014	18:04	LB74040
	Antimony	50.0	+/-50.0	U	25.0	50.0	P	12/05/2014	18:04	LB74040
	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	18:04	LB74040
	Barium	100	+/-100	U	50.0	100	P	12/05/2014	18:04	LB74040
	Beryllium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	18:04	LB74040
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	12/05/2014	18:04	LB74040
	Calcium	2000	+/-2000	U	1000	2000	P	12/05/2014	18:04	LB74040
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	18:04	LB74040
	Cobalt	30.0	+/-30.0	U	15.0	30.0	P	12/05/2014	18:04	LB74040
	Copper	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	18:04	LB74040
	Iron	100	+/-100	U	50.0	100	P	12/05/2014	18:04	LB74040
	Lead	12.0	+/-12.0	U	6.0	12.0	P	12/05/2014	18:04	LB74040
	Magnesium	2000	+/-2000	U	1000	2000	P	12/05/2014	18:04	LB74040
	Manganese	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	18:04	LB74040
	Nickel	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	18:04	LB74040
	Potassium	2000	+/-2000	U	1000	2000	P	12/05/2014	18:04	LB74040
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/05/2014	18:04	LB74040
	Silver	10.0	+/-10.0	U	5.0	10.0	P	12/05/2014	18:04	LB74040
	Sodium	2000	+/-2000	U	1000	2000	P	12/05/2014	18:04	LB74040
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	18:04	LB74040
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	18:04	LB74040
	Zinc	40.0	+/-40.0	U	20.0	40.0	P	12/05/2014	18:04	LB74040

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	12:06	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	12:06	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	12:06	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	12:06	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	12:06	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	12:06	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	12:06	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	12:06	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	12:06	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	12:06	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	12:06	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	12:06	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	12:06	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	12:06	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:06	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	12:06	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	12:06	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	12:06	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	12:06	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:06	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:06	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:06	LB74049

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	12:40	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	12:40	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	12:40	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	12:40	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	12:40	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	12:40	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	12:40	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	12:40	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	12:40	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	12:40	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	12:40	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	12:40	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	12:40	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	12:40	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:40	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	12:40	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	12:40	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	12:40	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	12:40	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:40	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:40	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	12:40	LB74049
CCB02	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	14:03	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	14:03	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	14:03	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	14:03	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	14:03	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	14:03	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	14:03	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	14:03	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	14:03	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	14:03	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	14:03	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	14:03	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	14:03	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	14:03	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:03	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	14:03	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	14:03	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	14:03	LB74049

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	14:03	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:03	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:03	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:03	LB74049
CCB03	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	14:53	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	14:53	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	14:53	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	14:53	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	14:53	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	14:53	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	14:53	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	14:53	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	14:53	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	14:53	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	14:53	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	14:53	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	14:53	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	14:53	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:53	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	14:53	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	14:53	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	14:53	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	14:53	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:53	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:53	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	14:53	LB74049
CCB04	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	15:44	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	15:44	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	15:44	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	15:44	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	15:44	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	15:44	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	15:44	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	15:44	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	15:44	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	15:44	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	15:44	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	15:44	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	15:44	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	15:44	LB74049

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	15:44	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	15:44	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	15:44	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	15:44	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	15:44	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	15:44	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	15:44	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	15:44	LB74049
CCB05	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	16:36	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	16:36	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	16:36	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	16:36	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	16:36	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	16:36	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	16:36	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	16:36	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	16:36	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	16:36	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	16:36	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	16:36	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	16:36	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	16:36	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	16:36	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	16:36	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	16:36	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	16:36	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	16:36	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	16:36	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	16:36	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	16:36	LB74049
CCB06	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	17:38	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	17:38	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	17:38	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	17:38	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	17:38	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	17:38	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	17:38	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	17:38	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	17:38	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	17:38	LB74049

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Iron	100	+/-100	U	25.0	100	P	12/08/2014	17:38	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	17:38	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	17:38	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	17:38	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	17:38	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	17:38	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	17:38	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	17:38	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	17:38	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	17:38	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	17:38	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	17:38	LB74049
CCB07	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	18:44	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	18:44	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	18:44	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	18:44	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	18:44	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	18:44	LB74049
	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	18:44	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	18:44	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	18:44	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	18:44	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	18:44	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	18:44	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	18:44	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	18:44	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	18:44	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	18:44	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	18:44	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	18:44	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	18:44	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	18:44	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	18:44	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	18:44	LB74049
CCB08	Aluminum	100	+/-100	U	25.0	100	P	12/08/2014	19:25	LB74049
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/08/2014	19:25	LB74049
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	19:25	LB74049
	Barium	100	+/-100	U	25.0	100	P	12/08/2014	19:25	LB74049
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	19:25	LB74049
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/08/2014	19:25	LB74049

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Calcium	2000	+/-2000	U	500	2000	P	12/08/2014	19:25	LB74049
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	19:25	LB74049
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/08/2014	19:25	LB74049
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	19:25	LB74049
	Iron	100	+/-100	U	25.0	100	P	12/08/2014	19:25	LB74049
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/08/2014	19:25	LB74049
	Magnesium	2000	+/-2000	U	500	2000	P	12/08/2014	19:25	LB74049
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/08/2014	19:25	LB74049
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	19:25	LB74049
	Potassium	2000	+/-2000	U	500	2000	P	12/08/2014	19:25	LB74049
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/08/2014	19:25	LB74049
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/08/2014	19:25	LB74049
	Sodium	2000	+/-2000	U	500	2000	P	12/08/2014	19:25	LB74049
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	19:25	LB74049
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	19:25	LB74049
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/08/2014	19:25	LB74049

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number

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PREPARATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB80689BL		**WATER**		**Batch Number:**		**PB80689**		**Prep Date:**	**12/04/2014**	
	Mercury	0.2	<0.2	U	0.1	0.2	CV	12/05/2014	10:05	LB74023

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB80697BL		**SOLID**		**Batch Number:**		**PB80697**		**Prep Date:**	**12/04/2014**	
	Mercury	0.01	<0.01	U	0.005	0.01	CV	12/05/2014	16:04	LB74026

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PREPARATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB80709BL		**WATER**		**Batch Number:**		**PB80709**		**Prep Date:**	**12/05/2014**	
	Aluminum	50.0	<50.0	U	12.5	50.0	P	12/05/2014	14:25	LB74040
	Antimony	25.0	<25.0	U	6.25	25.0	P	12/05/2014	14:25	LB74040
	Arsenic	10.0	<10.0	U	2.5	10.0	P	12/05/2014	14:25	LB74040
	Barium	50.0	<50.0	U	12.5	50.0	P	12/05/2014	14:25	LB74040
	Beryllium	3.0	<3.0	U	0.75	3.0	P	12/05/2014	14:25	LB74040
	Cadmium	3.0	<3.0	U	0.75	3.0	P	12/05/2014	14:25	LB74040
	Calcium	1000	<1000	U	250	1000	P	12/05/2014	14:25	LB74040
	Chromium	5.0	<5.0	U	1.25	5.0	P	12/05/2014	14:25	LB74040
	Cobalt	15.0	<15.0	U	3.75	15.0	P	12/05/2014	14:25	LB74040
	Copper	10.0	<10.0	U	2.5	10.0	P	12/05/2014	14:25	LB74040
	Iron	50.0	<50.0	U	12.5	50.0	P	12/05/2014	14:25	LB74040
	Lead	6.0	<6.0	U	1.5	6.0	P	12/05/2014	14:25	LB74040
	Magnesium	1000	<1000	U	250	1000	P	12/05/2014	14:25	LB74040
	Manganese	10.0	<10.0	U	2.5	10.0	P	12/05/2014	14:25	LB74040
	Nickel	20.0	<20.0	U	5.0	20.0	P	12/05/2014	14:25	LB74040
	Potassium	1000	<1000	U	250	1000	P	12/05/2014	14:25	LB74040
	Selenium	10.0	<10.0	U	5.0	10.0	P	12/05/2014	14:25	LB74040
	Silver	5.0	<5.0	U	1.25	5.0	P	12/05/2014	14:25	LB74040
	Sodium	1000	<1000	U	250	1000	P	12/05/2014	14:25	LB74040
	Thallium	20.0	<20.0	U	5.0	20.0	P	12/05/2014	14:25	LB74040
	Vanadium	20.0	<20.0	U	5.0	20.0	P	12/05/2014	14:25	LB74040
	Zinc	20.0	<20.0	U	5.0	20.0	P	12/05/2014	14:25	LB74040

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB80726BL		**SOLID**		**Batch Number:**		**PB80726**		**Prep Date:**	**12/08/2014**	
	Aluminum	5.0	<5.0	U	1.25	5.0	P	12/08/2014	13:17	LB74049
	Antimony	2.5	<2.5	U	0.625	2.5	P	12/08/2014	13:17	LB74049
	Arsenic	1.0	<1.0	U	0.25	1.0	P	12/08/2014	13:17	LB74049
	Barium	5.0	<5.0	U	1.25	5.0	P	12/08/2014	13:17	LB74049
	Beryllium	0.3	<0.3	U	0.075	0.3	P	12/08/2014	13:17	LB74049
	Cadmium	0.3	<0.3	U	0.075	0.3	P	12/08/2014	13:17	LB74049
	Calcium	100	<100	U	25.0	100	P	12/08/2014	13:17	LB74049
	Chromium	0.5	<0.5	U	0.125	0.5	P	12/08/2014	13:17	LB74049
	Cobalt	1.5	<1.5	U	0.375	1.5	P	12/08/2014	13:17	LB74049
	Copper	1.0	<1.0	U	0.25	1.0	P	12/08/2014	13:17	LB74049
	Iron	5.0	<5.0	U	1.25	5.0	P	12/08/2014	13:17	LB74049
	Lead	0.6	<0.6	U	0.25	0.6	P	12/08/2014	13:17	LB74049
	Magnesium	100	<100	U	25.0	100	P	12/08/2014	13:17	LB74049
	Manganese	1.0	<1.0	U	0.25	1.0	P	12/08/2014	13:17	LB74049
	Nickel	2.0	<2.0	U	0.5	2.0	P	12/08/2014	13:17	LB74049
	Potassium	100	<100	U	25.0	100	P	12/08/2014	13:17	LB74049

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Metals
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PREPARATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Instrument: P4

Selenium	1.0	<1.0	U	0.25	1.0	P	12/08/2014	13:17	LB74049
Silver	0.5	<0.5	U	0.125	0.5	P	12/08/2014	13:17	LB74049
Sodium	100	<100	U	25.0	100	P	12/08/2014	13:17	LB74049
Thallium	2.0	<2.0	U	0.5	2.0	P	12/08/2014	13:17	LB74049
Vanadium	2.0	<2.0	U	0.5	2.0	P	12/08/2014	13:17	LB74049
Zinc	2.0	<2.0	U	0.5	2.0	P	12/08/2014	13:17	LB74049

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	269800	254900	105.8	203920	305880	12/05/2014	13:00	LB74040
	Antimony	1.03			-50	50	12/05/2014	13:00	LB74040
	Arsenic	2.69			-20	20	12/05/2014	13:00	LB74040
	Barium	8.56	6.0	142.7	-94	106	12/05/2014	13:00	LB74040
	Beryllium	0.59			-6	6	12/05/2014	13:00	LB74040
	Cadmium	-1.03	1.0	103	-5	7	12/05/2014	13:00	LB74040
	Calcium	247000	244500	101	195600	293400	12/05/2014	13:00	LB74040
	Chromium	55.5	52.0	106.7	42	62	12/05/2014	13:00	LB74040
	Cobalt	-0.13			-30	30	12/05/2014	13:00	LB74040
	Copper	-11.2	2.0	560	-18	22	12/05/2014	13:00	LB74040
	Iron	99500	100700	98.8	80560	120840	12/05/2014	13:00	LB74040
	Lead	-5.7			-12	12	12/05/2014	13:00	LB74040
	Magnesium	257900	255400	101	204320	306480	12/05/2014	13:00	LB74040
	Manganese	14.6	7.0	208.6	-13	27	12/05/2014	13:00	LB74040
	Nickel	0.79	2.0	39.5	-38	42	12/05/2014	13:00	LB74040
	Potassium	-58.8			0	0	12/05/2014	13:00	LB74040
	Selenium	7.94			-20	20	12/05/2014	13:00	LB74040
	Silver	-0.74			-10	10	12/05/2014	13:00	LB74040
	Sodium	2.71			0	0	12/05/2014	13:00	LB74040
	Thallium	-2.55			-40	40	12/05/2014	13:00	LB74040
	Vanadium	1.46			-40	40	12/05/2014	13:00	LB74040
	Zinc	-4.54			-40	40	12/05/2014	13:00	LB74040
ICSAB01	Aluminum	268100	246800	108.6	197440	296160	12/05/2014	13:05	LB74040
	Antimony	603	618	97.6	494	742	12/05/2014	13:05	LB74040
	Arsenic	98.3	104	94.5	83	125	12/05/2014	13:05	LB74040
	Barium	528	537	98.3	437	637	12/05/2014	13:05	LB74040
	Beryllium	532	495	107.5	396	594	12/05/2014	13:05	LB74040
	Cadmium	991	972	102	778	1166	12/05/2014	13:05	LB74040
	Calcium	246500	234900	104.9	187920	281880	12/05/2014	13:05	LB74040
	Chromium	552	542	101.8	434	650	12/05/2014	13:05	LB74040
	Cobalt	500	476	105	381	571	12/05/2014	13:05	LB74040
	Copper	488	511	95.5	409	613	12/05/2014	13:05	LB74040
	Iron	97200	99320	97.9	79456	119184	12/05/2014	13:05	LB74040
	Lead	48.4	49.0	98.8	37	61	12/05/2014	13:05	LB74040
	Magnesium	257900	248000	104	198400	297600	12/05/2014	13:05	LB74040
	Manganese	529	507	104.3	406	608	12/05/2014	13:05	LB74040
	Nickel	1000	954	104.8	763	1145	12/05/2014	13:05	LB74040
	Potassium	-49			0	0	12/05/2014	13:05	LB74040
	Selenium	52.6	46.0	114.3	26	66	12/05/2014	13:05	LB74040
	Silver	236	201	117.4	161	241	12/05/2014	13:05	LB74040
	Sodium	4.88			0	0	12/05/2014	13:05	LB74040
	Thallium	100	108	92.6	68	148	12/05/2014	13:05	LB74040
	Vanadium	509	491	103.7	393	589	12/05/2014	13:05	LB74040
	Zinc	1020	952	107.1	762	1142	12/05/2014	13:05	LB74040
ICSA01	Aluminum	269200	254900	105.6	203920	305880	12/08/2014	12:16	LB74049

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Metals
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INTERFERENCE CHECK SAMPLE

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Antimony	3.88			-50	50	12/08/2014	12:16	LB74049
	Arsenic	-0.1			-20	20	12/08/2014	12:16	LB74049
	Barium	8.22	6.0	137	-94	106	12/08/2014	12:16	LB74049
	Beryllium	0.46			-6	6	12/08/2014	12:16	LB74049
	Cadmium	-1.95	1.0	195	-5	7	12/08/2014	12:16	LB74049
	Calcium	249000	244500	101.8	195600	293400	12/08/2014	12:16	LB74049
	Chromium	56.1	52.0	107.9	42	62	12/08/2014	12:16	LB74049
	Cobalt	-0.66			-30	30	12/08/2014	12:16	LB74049
	Copper	-7.77	2.0	388.5	-18	22	12/08/2014	12:16	LB74049
	Iron	100500	100700	99.8	80560	120840	12/08/2014	12:16	LB74049
	Lead	-3.97			-12	12	12/08/2014	12:16	LB74049
	Magnesium	263600	2.5544e+006	10.3	204320	306480	12/08/2014	12:16	LB74049
	Manganese	18.7	7.0	267.1	-13	27	12/08/2014	12:16	LB74049
	Nickel	1.58	2.0	79	-38	42	12/08/2014	12:16	LB74049
	Potassium	-284			0	0	12/08/2014	12:16	LB74049
	Selenium	-0.69			-20	20	12/08/2014	12:16	LB74049
	Silver	-6.85			-10	10	12/08/2014	12:16	LB74049
	Sodium	-75.6			0	0	12/08/2014	12:16	LB74049
	Thallium	-2.44			-40	40	12/08/2014	12:16	LB74049
	Vanadium	0.76			-40	40	12/08/2014	12:16	LB74049
	Zinc	-5.22			-40	40	12/08/2014	12:16	LB74049
ICSAB01	Aluminum	267000	246800	108.2	197440	296160	12/08/2014	12:22	LB74049
	Antimony	617	618	99.8	494	742	12/08/2014	12:22	LB74049
	Arsenic	100	104	96.2	83	125	12/08/2014	12:22	LB74049
	Barium	529	537	98.5	437	637	12/08/2014	12:22	LB74049
	Beryllium	541	495	109.3	396	594	12/08/2014	12:22	LB74049
	Cadmium	1010	972	103.9	778	1166	12/08/2014	12:22	LB74049
	Calcium	248200	234900	105.7	187920	281880	12/08/2014	12:22	LB74049
	Chromium	558	542	103	434	650	12/08/2014	12:22	LB74049
	Cobalt	510	476	107.1	381	571	12/08/2014	12:22	LB74049
	Copper	498	511	97.5	409	613	12/08/2014	12:22	LB74049
	Iron	99900	99320	100.6	79456	119184	12/08/2014	12:22	LB74049
	Lead	44.7	49.0	91.2	37	61	12/08/2014	12:22	LB74049
	Magnesium	263200	248000	106.1	198400	297600	12/08/2014	12:22	LB74049
	Manganese	536	507	105.7	406	608	12/08/2014	12:22	LB74049
	Nickel	1020	954	106.9	763	1145	12/08/2014	12:22	LB74049
	Potassium	-277			0	0	12/08/2014	12:22	LB74049
	Selenium	54.8	46.0	119.1	26	66	12/08/2014	12:22	LB74049
	Silver	234	201	116.4	161	241	12/08/2014	12:22	LB74049
	Sodium	-79.4			0	0	12/08/2014	12:22	LB74049
	Thallium	103	108	95.4	68	148	12/08/2014	12:22	LB74049
	Vanadium	509	491	103.7	393	589	12/08/2014	12:22	LB74049
	Zinc	1060	952	111.3	762	1142	12/08/2014	12:22	LB74049

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F4956

contract: CTMA01 **lab code:** CHEM **case no.:** F4956 **sas no.:** F4956

matrix: WATER **sample id:** F4934-27 **client id:** SUP-GP-01(46-48)MS

Percent Solids for Sample: NA **Spiked ID:** F4934-27MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	49 - 128	4.4		0.2	U	4.0	110		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F4956

contract: CTMA01 **lab code:** CHEM **case no.:** F4956 **sas no.:** F4956

matrix: WATER **sample id:** F4934-27 **client id:** SUP-GP-01(46-48)MSD

Percent Solids for Sample: NA **Spiked ID:** F4934-27MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	49 - 128	4.4		0.2	U	4.0	110		CV

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F4956

contract: CTMA01 **lab code:** CHEM **case no.:** F4956 **sas no.:** F4956

matrix: WATER **sample id:** F4952-11 **client id:** SUP-GP-02(50-52)MS

Percent Solids for Sample: NA **Spiked ID:** F4952-11MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	64 - 129	949		61.9		1000	89		P
Antimony	ug/L	74 - 115	350		25.0	U	400	87.5		P
Arsenic	ug/L	78 - 117	343		10.0	U	400	85.8		P
Barium	ug/L	81 - 124	114		19.6	J	100	94		P
Beryllium	ug/L	77 - 116	87.8		3.0	U	100	87.8		P
Cadmium	ug/L	72 - 121	86.4		3.0	U	100	86.4		P
Calcium	ug/L	10 - 236	22300		22200		500	20		P
Chromium	ug/L	75 - 117	260		81.5		200	89		P
Cobalt	ug/L	74 - 116	91.4		15.0	U	100	91.4		P
Copper	ug/L	75 - 111	138		10.0	U	150	92		P
Iron	ug/L	27 - 152	1840		489		1500	90		P
Lead	ug/L	74 - 119	435		6.0	U	500	87		P
Magnesium	ug/L	10 - 185	4680		3840		1000	84		P
Manganese	ug/L	10 - 168	583		505		100	78		P
Nickel	ug/L	75 - 118	270		52		250	87		P
Potassium	ug/L	41 - 167	6580		1900		5000	94		P
Selenium	ug/L	71 - 107	811		4.92	J	1000	81		P
Silver	ug/L	77 - 122	32.2		5.0	U	37.5	85.9		P
Sodium	ug/L	10 - 194	9840		8620		1500	81		P
Thallium	ug/L	76 - 124	857		20.0	U	1000	85.7		P
Vanadium	ug/L	78 - 113	138		20.0	U	150	92		P
Zinc	ug/L	62 - 116	113		21.1		100	92		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F4956

contract: CTMA01 **lab code:** CHEM **case no.:** F4956 **sas no.:** F4956

matrix: WATER **sample id:** F4952-11 **client id:** SUP-GP-02(50-52)MSD

Percent Solids for Sample: NA **Spiked ID:** F4952-11MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	64 - 129	949		61.9		1000	89		P
Antimony	ug/L	74 - 115	344		25.0	U	400	86		P
Arsenic	ug/L	78 - 117	341		10.0	U	400	85.3		P
Barium	ug/L	81 - 124	113		19.6	J	100	93		P
Beryllium	ug/L	77 - 116	86.9		3.0	U	100	86.9		P
Cadmium	ug/L	72 - 121	86.1		3.0	U	100	86.1		P
Calcium	ug/L	10 - 236	22300		22200		500	20		P
Chromium	ug/L	75 - 117	257		81.5		200	88		P
Cobalt	ug/L	74 - 116	90.4		15.0	U	100	90.4		P
Copper	ug/L	75 - 111	136		10.0	U	150	90.7		P
Iron	ug/L	27 - 152	1820		489		1500	89		P
Lead	ug/L	74 - 119	434		6.0	U	500	86.8		P
Magnesium	ug/L	10 - 185	4680		3840		1000	84		P
Manganese	ug/L	10 - 168	583		505		100	78		P
Nickel	ug/L	75 - 118	269		52		250	87		P
Potassium	ug/L	41 - 167	6510		1900		5000	92		P
Selenium	ug/L	71 - 107	801		4.92	J	1000	80		P
Silver	ug/L	77 - 122	31.7		5.0	U	37.5	84.5		P
Sodium	ug/L	10 - 194	9790		8620		1500	78		P
Thallium	ug/L	76 - 124	853		20.0	U	1000	85.3		P
Vanadium	ug/L	78 - 113	136		20.0	U	150	90.7		P
Zinc	ug/L	62 - 116	111		21.1		100	90		P

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metals
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MATRIX SPIKE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F4956

contract: CTMA01 **lab code:** CHEM **case no.:** F4956 **sas no.:** F4956

matrix: Solid **sample id:** F4956-03 **client id:** B-3(2.5-5)MS

Percent Solids for Sample: 86.4 **Spiked ID:** F4956-04 **Percent Solids for Spike Sample:** 86.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	10 - 240	8520		7560		110	873		P
Antimony	mg/Kg	47 - 131	37.8		2.42	U	44.3	85.3		P
Arsenic	mg/Kg	73 - 117	40.2		3.54		44.3	83		P
Barium	mg/Kg	39 - 158	97.4		77.1		11.1	183		P
Beryllium	mg/Kg	79 - 112	10.23		0.366		11.1	89		P
Cadmium	mg/Kg	73 - 114	10.21		0.291	U	11.1	92		P
Calcium	mg/Kg	10 - 194	3840		3330		55.4	921		P
Chromium	mg/Kg	68 - 122	36.2		15.6		22.2	93		P
Cobalt	mg/Kg	68 - 119	18.3		6.48		11.1	106		P
Copper	mg/Kg	59 - 132	40.7		23.5		16.6	104		P
Iron	mg/Kg	10 - 289	15700		14100		170	941		P
Lead	mg/Kg	66 - 125	378		286		55.4	166		P
Magnesium	mg/Kg	10 - 208	3870		3330		110	491		P
Manganese	mg/Kg	10 - 205	382		335		11.1	423		P
Mercury	mg/Kg	34 - 153	0.37		0.145		0.22	102		CV
Nickel	mg/Kg	64 - 129	44.1		14.8		27.7	106		P
Potassium	mg/Kg	37 - 158	1380		779		550	109		P
Selenium	mg/Kg	69 - 105	92		0.662	J	110	83		P
Silver	mg/Kg	54 - 131	2.97		0.484	U	4.2	70.7		P
Sodium	mg/Kg	10 - 139	613		416		170	116		P
Thallium	mg/Kg	74 - 116	107		1.94	U	110	97.3		P
Vanadium	mg/Kg	67 - 127	33.6		17.3		16.6	98		P
Zinc	mg/Kg	67 - 127	129		106		11.1	207		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F4956

contract: CTMA01 **lab code:** CHEM **case no.:** F4956 **sas no.:** F4956

matrix: Solid **sample id:** F4956-03 **client id:** B-3(2.5-5)MSD

Percent Solids for Sample: 86.4 **Spiked ID:** F4956-05 **Percent Solids for Spike Sample:** 86.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	10 - 240	8510		7560		110	864		P
Antimony	mg/Kg	47 - 131	37.8		2.42	U	44.5	84.9		P
Arsenic	mg/Kg	73 - 117	41		3.54		44.5	84		P
Barium	mg/Kg	39 - 158	96.9		77.1		11.1	178		P
Beryllium	mg/Kg	79 - 112	10.28		0.366		11.1	89		P
Cadmium	mg/Kg	73 - 114	10.19		0.291	U	11.1	91.8		P
Calcium	mg/Kg	10 - 194	3830		3330		55.6	899		P
Chromium	mg/Kg	68 - 122	36.2		15.6		22.3	92		P
Cobalt	mg/Kg	68 - 119	18.3		6.48		11.1	106		P
Copper	mg/Kg	59 - 132	40.8		23.5		16.7	104		P
Iron	mg/Kg	10 - 289	15800		14100		170	1000		P
Lead	mg/Kg	66 - 125	378		286		55.6	165		P
Magnesium	mg/Kg	10 - 208	3870		3330		110	491		P
Manganese	mg/Kg	10 - 205	384		335		11.1	441		P
Mercury	mg/Kg	34 - 153	0.368		0.145		0.21	106		CV
Nickel	mg/Kg	64 - 129	44		14.8		27.8	105		P
Potassium	mg/Kg	37 - 158	1350		779		560	102		P
Selenium	mg/Kg	69 - 105	92.8		0.662	J	110	84		P
Silver	mg/Kg	54 - 131	2.98		0.484	U	4.2	71		P
Sodium	mg/Kg	10 - 139	604		416		170	111		P
Thallium	mg/Kg	74 - 116	107		1.94	U	110	97.3		P
Vanadium	mg/Kg	67 - 127	33.6		17.3		16.7	98		P
Zinc	mg/Kg	67 - 127	129		106		11.1	207		P

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Metals
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Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: WATER **Sample ID:** F4934-27 **Client ID:** SUP-GP-01(46-48)DUP

Percent Solids for Sample: NA **Duplicate ID** F4934-27DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.2	U	0.2	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: WATER **Sample ID:** F4934-27MS **Client ID:** SUP-GP-01(46-48)MSD

Percent Solids for Sample: NA **Duplicate ID** F4934-27MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.4		4.4		0		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: WATER **Sample ID:** F4952-11 **Client ID:** SUP-GP-02(50-52)DUP

Percent Solids for Sample: NA **Duplicate ID** F4952-11DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	61.9		52.9		16		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	19.6	J	20	J	2		P
Beryllium	ug/L	20	3.0	U	3.0	U			P
Cadmium	ug/L	20	3.0	U	3.0	U			P
Calcium	ug/L	20	22200		22100		0		P
Chromium	ug/L	20	81.5		81.9		0		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	489		487		0		P
Lead	ug/L	20	6.0	U	6.0	U			P
Magnesium	ug/L	20	3840		3820		1		P
Manganese	ug/L	20	505		505		0		P
Nickel	ug/L	20	52		52.1		0		P
Potassium	ug/L	20	1900		1890		1		P
Selenium	ug/L	20	4.92	J	10.0	U	200.0		P
Silver	ug/L	20	5.0	U	5.0	U			P
Sodium	ug/L	20	8620		8620		0		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	21.1		21		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: WATER **Sample ID:** F4952-11MS **Client ID:** SUP-GP-02(50-52)MSD

Percent Solids for Sample: NA **Duplicate ID** F4952-11MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	949		949		0		P
Antimony	ug/L	20	350		344		2		P
Arsenic	ug/L	20	343		341		1		P
Barium	ug/L	20	114		113		1		P
Beryllium	ug/L	20	87.8		86.9		1		P
Cadmium	ug/L	20	86.4		86.1		0		P
Calcium	ug/L	20	22300		22300		0		P
Chromium	ug/L	20	260		257		1		P
Cobalt	ug/L	20	91.4		90.4		1		P
Copper	ug/L	20	138		136		1		P
Iron	ug/L	20	1840		1820		1		P
Lead	ug/L	20	435		434		0		P
Magnesium	ug/L	20	4680		4680		0		P
Manganese	ug/L	20	583		583		0		P
Nickel	ug/L	20	270		269		0		P
Potassium	ug/L	20	6580		6510		1		P
Selenium	ug/L	20	811		801		1		P
Silver	ug/L	20	32.2		31.7		2		P
Sodium	ug/L	20	9840		9790		1		P
Thallium	ug/L	20	857		853		0		P
Vanadium	ug/L	20	138		136		1		P
Zinc	ug/L	20	113		111		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: Solid **Sample ID:** F4956-03 **Client ID:** B-3(2.5-5)DUP

Percent Solids for Sample: 86.4 **Duplicate ID** F4956-03DUP **Percent Solids for Spike Sample:** 86.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7560		7470		1		P
Antimony	mg/Kg	20	2.42	U	2.41	U			P
Arsenic	mg/Kg	20	3.54		3.21		10		P
Barium	mg/Kg	20	77.1		76.6		1		P
Beryllium	mg/Kg	20	0.366		0.361		1		P
Cadmium	mg/Kg	20	0.291	U	0.289	U			P
Calcium	mg/Kg	20	3330		3320		0		P
Chromium	mg/Kg	20	15.6		15.3		2		P
Cobalt	mg/Kg	20	6.48		6.42		1		P
Copper	mg/Kg	20	23.5		23.5		0		P
Iron	mg/Kg	20	14100		13900		1		P
Lead	mg/Kg	20	286		286		0		P
Magnesium	mg/Kg	20	3330		3320		0		P
Manganese	mg/Kg	20	335		334		0		P
Mercury	mg/Kg	20	0.145		0.173		18		CV
Nickel	mg/Kg	20	14.8		14.7		1		P
Potassium	mg/Kg	20	779		754		3		P
Selenium	mg/Kg	20	0.662	J	0.458	J	36		P
Silver	mg/Kg	20	0.484	U	0.482	U			P
Sodium	mg/Kg	20	416		408		2		P
Thallium	mg/Kg	20	1.94	U	1.93	U			P
Vanadium	mg/Kg	20	17.3		17.1		1		P
Zinc	mg/Kg	20	106		104		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Matrix: Solid **Sample ID:** F4956-04 **Client ID:** B-3(2.5-5)MSD

Percent Solids for Sample: 86.4 **Duplicate ID** F4956-05 **Percent Solids for Spike Sample:** 86.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8520		8510		0		P
Antimony	mg/Kg	20	37.8		37.8		0		P
Arsenic	mg/Kg	20	40.2		41		2		P
Barium	mg/Kg	20	97.4		96.9		1		P
Beryllium	mg/Kg	20	10.23		10.28		0		P
Cadmium	mg/Kg	20	10.21		10.19		0		P
Calcium	mg/Kg	20	3840		3830		0		P
Chromium	mg/Kg	20	36.2		36.2		0		P
Cobalt	mg/Kg	20	18.3		18.3		0		P
Copper	mg/Kg	20	40.7		40.8		0		P
Iron	mg/Kg	20	15700		15800		1		P
Lead	mg/Kg	20	378		378		0		P
Magnesium	mg/Kg	20	3870		3870		0		P
Manganese	mg/Kg	20	382		384		1		P
Mercury	mg/Kg	20	0.37		0.368		1		CV
Nickel	mg/Kg	20	44.1		44		0		P
Potassium	mg/Kg	20	1380		1350		2		P
Selenium	mg/Kg	20	92		92.8		1		P
Silver	mg/Kg	20	2.97		2.98		0		P
Sodium	mg/Kg	20	613		604		1		P
Thallium	mg/Kg	20	107		107		0		P
Vanadium	mg/Kg	20	33.6		33.6		0		P
Zinc	mg/Kg	20	129		129		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB80689BS							
Mercury	ug/L	4.0	3.96		99	67 - 127	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB80697BS							
Mercury	mg/Kg	0.18	0.165		91.7	73 - 121	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB80709BS							
Aluminum	ug/L	1000	950		95	81 - 117	P
Antimony	ug/L	400	367		91.8	79 - 114	P
Arsenic	ug/L	400	359		89.8	82 - 113	P
Barium	ug/L	100	99		99	83 - 118	P
Beryllium	ug/L	100	95.1		95.1	84 - 115	P
Cadmium	ug/L	100	91.9		91.9	82 - 119	P
Calcium	ug/L	500	491	J	98.2	10 - 129	P
Chromium	ug/L	200	188		94	83 - 118	P
Cobalt	ug/L	100	92.4		92.4	82 - 118	P
Copper	ug/L	150	144		96	80 - 115	P
Iron	ug/L	1500	1420		94.7	79 - 112	P
Lead	ug/L	500	457		91.4	83 - 119	P
Magnesium	ug/L	1000	958	J	95.8	10 - 123	P
Manganese	ug/L	100	98.2		98.2	10 - 115	P
Nickel	ug/L	250	233		93.2	84 - 123	P
Potassium	ug/L	5000	4800		96	67 - 121	P
Selenium	ug/L	1000	900		90	75 - 108	P
Silver	ug/L	37.5	33.9		90.4	81 - 126	P
Sodium	ug/L	1500	1400		93.3	10 - 165	P
Thallium	ug/L	1000	904		90.4	86 - 122	P
Vanadium	ug/L	150	142		94.7	84 - 114	P
Zinc	ug/L	100	100		100	89 - 126	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB80726BS							
Aluminum	mg/Kg	100	93.9		93.9	76 - 118	P
Antimony	mg/Kg	40.0	37.9		94.8	81 - 112	P
Arsenic	mg/Kg	40.0	36.7		91.8	82 - 112	P
Barium	mg/Kg	10.0	10.11		101.1	83 - 118	P
Beryllium	mg/Kg	10.0	9.75		97.5	84 - 113	P
Cadmium	mg/Kg	10.0	9.55		95.5	82 - 117	P
Calcium	mg/Kg	50.0	50.2	J	100.4	78 - 138	P
Chromium	mg/Kg	20.0	19.2		96	84 - 115	P
Cobalt	mg/Kg	10.0	9.56		95.6	84 - 114	P
Copper	mg/Kg	15.0	14.6		97.3	80 - 115	P
Iron	mg/Kg	150	142		94.7	78 - 109	P
Lead	mg/Kg	50.0	47.7		95.4	82 - 117	P
Magnesium	mg/Kg	100	99.2	J	99.2	80 - 121	P
Manganese	mg/Kg	10.0	9.97		99.7	84 - 114	P
Nickel	mg/Kg	25.0	24		96	85 - 118	P
Potassium	mg/Kg	500	483		96.6	67 - 116	P
Selenium	mg/Kg	100	93.2		93.2	74 - 110	P
Silver	mg/Kg	3.8	3.35		88.2	81 - 123	P
Sodium	mg/Kg	150	139		92.7	70 - 135	P
Thallium	mg/Kg	100	92.5		92.5	86 - 119	P
Vanadium	mg/Kg	15.0	14.2		94.7	84 - 113	P
Zinc	mg/Kg	10.0	10.15		101.5	88 - 127	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

SUP-GP-01(46-48)L

Lab Name: Chemtech Consulting Group **Contract:** CTMA01

Lab Code: CHEM **Lb No.:** lb74023 **Lab Sample ID :** F4934-27L **SDG No.:** F4956

Matrix (soil/water): WATER **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.2	U	1.0	U			CV

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

SUP-GP-02(50-52)L

Lab Name: Chemtech Consulting Group **Contract:** CTMA01

Lab Code: CHEM **Lb No.:** lb74040 **Lab Sample ID :** F4952-11L **SDG No.:** F4956

Matrix (soil/water): WATER **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	61.9		48.7	J	21		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	19.6	J	27.3	J	39		P
Beryllium	3.0	U	15.0	U			P
Cadmium	3.0	U	15.0	U			P
Calcium	22200		23300		5		P
Chromium	81.5		87.5		7		P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	489		520		6		P
Lead	6.0	U	30.0	U			P
Magnesium	3840		3930	J	2		P
Manganese	505		537		6		P
Nickel	52		55.8	J	7		P
Potassium	1900		1860	J	2		P
Selenium	4.92	J	50.0	U	100.0		P
Silver	5.0	U	25.0	U			P
Sodium	8620		8970		4		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	21.1		100	U	100.0		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.
B-3(2.5-5)L

Lab Name: Chemtech Consulting Group **Contract:** CTMA01

Lab Code: CHEM **Lb No.:** lb74049 **Lab Sample ID :** F4956-03L **SDG No.:** F4956

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	7560		8240		9		P
Antimony	2.42	U	12.1	U			P
Arsenic	3.54		3.23	J	9		P
Barium	77.1		86.4		12		P
Beryllium	0.366		0.363	J	1		P
Cadmium	0.291	U	1.45	U			P
Calcium	3330		3750		13		P
Chromium	15.6		17.3		11		P
Cobalt	6.48		6.37	J	2		P
Copper	23.5		27.2		16		P
Iron	14100		13900		1		P
Lead	286		285		0		P
Magnesium	3330		3690		11		P
Manganese	335		389		16		P
Mercury	0.145		0.122		16		CV
Nickel	14.8		14.8		0		P
Potassium	779		797		2		P
Selenium	0.662	J	4.84	U	100.0		P
Silver	0.484	U	2.42	U			P
Sodium	416		435	J	5		P
Thallium	1.94	U	9.69	U			P
Vanadium	17.3		19.1		10		P
Zinc	106		107		1		P

METAL PREPARATION & INSTRUMENT DATA

Metals

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Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: P4 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method:	**6010B**				
Aluminum	396.10	6.5	12.5	50.0	
Antimony	206.83	6.25	6.25	25.0	
Arsenic	189.04	2.5	2.5	10.0	
Barium	493.41	4.0	12.5	50.0	
Beryllium	234.86	0.7	0.75	3.0	
Cadmium	226.50	0.5	0.75	3.0	
Calcium	373.69	31.8	250	1000	
Chromium	267.72	1.1	1.25	5.0	
Cobalt	228.62	3.75	3.75	15.0	
Copper	224.70	2.0	2.5	10.0	
Iron	240.48	12.5	12.5	50.0	
Lead	220.35	1.5	1.5	6.0	
Magnesium	279.08	32.5	250	1000	
Manganese	257.61	1.7	2.5	10.0	
Nickel	231.60	4.2	5.0	20.0	
Potassium	766.49	38.8	250	1000	
Selenium	196.02	4.8	5.0	10.0	
Silver	328.07	1.25	1.25	5.0	
Sodium	589.59	13.9	250	1000	
Thallium	190.86	2.4	5.0	20.0	
Vanadium	292.40	5.0	5.0	20.0	
Zinc	213.8	5.0	5.0	20.0	
SOLIDS					
Method:	**6010B**				
Aluminum	396.10	0.84	1.25	5.0	
Antimony	206.83	0.56	0.625	2.5	
Arsenic	189.04	0.25	0.25	1.0	
Barium	493.41	0.4	1.25	5.0	
Beryllium	234.86	0.06	0.075	0.3	
Cadmium	226.50	0.06	0.075	0.3	
Calcium	373.69	1.07	25.0	100	
Chromium	267.72	0.125	0.125	0.5	
Cobalt	228.62	0.375	0.375	1.5	
Copper	224.70	0.25	0.25	1.0	
Iron	240.48	1.25	1.25	5.0	
Lead	220.35	0.12	0.25	0.6	
Magnesium	279.08	4.58	25.0	100	
Manganese	257.61	0.19	0.25	1.0	
Nickel	231.60	0.46	0.5	2.0	
Potassium	766.49	3.5	25.0	100	
Selenium	196.02	0.25	0.25	1.0	
Silver	328.07	0.125	0.125	0.5	

Metals

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Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: P4 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
Sodium	589.59	2.52	25.0	100	
Thallium	190.86	0.27	0.5	2.0	
Vanadium	292.40	0.5	0.5	2.0	
Zinc	213.8	0.5	0.5	2.0	

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Metals

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Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: CV1 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method: **7470A**					
Mercury	253.70	0.1	0.1	0.2	
SOLIDS					
Method: **7471A**					
Mercury	253.70	0.005	0.005	0.01	

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0001030	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000090	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000840	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0001620	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0001070	0.0000000	0.0000280	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001280	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001170	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001900	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0001570
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0004170
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002660
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0018500
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0308240
Antimony	206.833	0.0013816	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0011220	0.0000000	0.0000000	0.0000000	0.0015300
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000740	-0.0003180
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0002280	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0011900
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0014660
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0003060	0.0000000	0.0000000	0.0001250	-0.0013650
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	-0.0137700
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0020550
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0006680	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0002250	0.0000000	0.0000000	0.0011640	0.0000000
Vanadium	292.402	-0.0032600	0.0000000	0.0000000	-0.0220050	-0.0003720
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	-0.0004160	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000930	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001600	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0049290	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0002444	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0057000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	-0.0018200	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	-0.0040370	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	-0.0346560	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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LINEAR RANGES

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F4956 **SAS No.:** F4956

Instrument ID: P4 **Date:** 12/06/2012

Analyte	Integration Time (sec)	LDR ug/L
Aluminum	10	1500000
Antimony	10	100000
Arsenic	10	80000
Barium	10	100000
Beryllium	10	10000
Cadmium	10	9000
Calcium	10	3000000
Chromium	10	95000
Cobalt	10	45000
Copper	10	250000
Iron	10	800000
Lead	10	280000
Magnesium	10	2000000
Manganese	10	95000
Nickel	10	45000
Potassium	10	1800000
Selenium	10	45000
Silver	10	9000
Sodium	10	2200000
Thallium	10	85000
Vanadium	10	95000
Zinc	10	95000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Method:**

Case No.: F4956 **SAS No.:** F4956

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB80689**						
F4934-27DUP	SUP-GP-01(46-48)DUP	DUP	WATER	12/04/2014	30.0	30.0	
F4934-27MS	SUP-GP-01(46-48)MS	MS	WATER	12/04/2014	30.0	30.0	
F4934-27MSD	SUP-GP-01(46-48)MSD	MSD	WATER	12/04/2014	30.0	30.0	
F4956-06	EB12214	SAM	WATER	12/04/2014	30.0	30.0	
PB80689BL	PB80689BL	MB	WATER	12/04/2014	30.0	30.0	
PB80689BS	PB80689BS	LCS	WATER	12/04/2014	30.0	30.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Method:**

Case No.: F4956 **SAS No.:** F4956

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB80697**						
F4956-01	B-1(5-7.5)	SAM	SOLID	12/04/2014	0.60	30.0	81.60
F4956-02	B-2(2.5-5)	SAM	SOLID	12/04/2014	0.66	30.0	88.50
F4956-03	B-3(2.5-5)	SAM	SOLID	12/04/2014	0.65	30.0	86.40
F4956-03DUP	B-3(2.5-5)DUP	DUP	SOLID	12/04/2014	0.65	30.0	86.40
F4956-04	B-3(2.5-5)MS	MS	SOLID	12/04/2014	0.64	30.0	86.40
F4956-05	B-3(2.5-5)MSD	MSD	SOLID	12/04/2014	0.65	30.0	86.40
F4956-07	B-4(5-7)	SAM	SOLID	12/04/2014	0.62	30.0	91.00
F4956-08	FD12214	SAM	SOLID	12/04/2014	0.61	30.0	90.10
PB80697BL	PB80697BL	MB	SOLID	12/04/2014	0.63	30.0	100.00
PB80697BS	PB80697BS	LCS	SOLID	12/04/2014	0.65	30.0	100.00

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Metals
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SAMPLE PREPARATION SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Method:**

Case No.: F4956 **SAS No.:** F4956

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB80709**						
F4952-11DUP	SUP-GP-02(50-52)DUP	DUP	WATER	12/05/2014	50.0	25.0	
F4952-11MS	SUP-GP-02(50-52)MS	MS	WATER	12/05/2014	50.0	25.0	
F4952-11MSD	SUP-GP-02(50-52)MSD	MSD	WATER	12/05/2014	50.0	25.0	
F4956-06	EB12214	SAM	WATER	12/05/2014	50.0	25.0	
PB80709BL	PB80709BL	MB	WATER	12/05/2014	50.0	25.0	
PB80709BS	PB80709BS	LCS	WATER	12/05/2014	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Contract: CTMA01 **Lab Code:** CHEM **Method:**

Case No.: F4956 **SAS No.:** F4956

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB80726**						
F4956-01	B-1(5-7.5)	SAM	SOLID	12/08/2014	2.42	100.0	81.60
F4956-02	B-2(2.5-5)	SAM	SOLID	12/08/2014	2.44	100.0	88.50
F4956-03	B-3(2.5-5)	SAM	SOLID	12/08/2014	2.39	100.0	86.40
F4956-03DUP	B-3(2.5-5)DUP	DUP	SOLID	12/08/2014	2.40	100.0	86.40
F4956-04	B-3(2.5-5)MS	MS	SOLID	12/08/2014	2.09	100.0	86.40
F4956-05	B-3(2.5-5)MSD	MSD	SOLID	12/08/2014	2.08	100.0	86.40
F4956-07	B-4(5-7)	SAM	SOLID	12/08/2014	2.37	100.0	91.00
F4956-08	FD12214	SAM	SOLID	12/08/2014	2.36	100.0	90.10
PB80726BL	PB80726BL	MB	SOLID	12/08/2014	2.00	100.0	100.00
PB80726BS	PB80726BS	LCS	SOLID	12/08/2014	2.00	100.0	100.00

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ANALYSIS RUN LOG

Client: C.T. Male Associates, P.C., **Contract:** CTMA01

Lab code: CHEM **Case no.:** F4956 **Sas no.:** F4956 **Sdg no.:** F4956

Instrument id number: **Method:** **Run number:** LB74023

Start date: 12/05/2014 **End date:** 12/05/2014

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0934	HG
S0.2	S0.2	1	0937	HG
S2.5	S2.5	1	0939	HG
S5	S5	1	0941	HG
S7.5	S7.5	1	0943	HG
S10	S10	1	0945	HG
ICV48	ICV48	1	0950	HG
ICB48	ICB48	1	0952	HG
CCV18	CCV18	1	0954	HG
CCB18	CCB18	1	0956	HG
CRA	CRA	1	0958	HG
PB80689BL	PB80689BL	1	1005	HG
PB80689BS	PB80689BS	1	1007	HG
F4934-27DUP	SUP-GP-01(46-48)DUP	1	1015	HG
F4934-27MS	SUP-GP-01(46-48)MS	1	1018	HG
CCV19	CCV19	1	1020	HG
CCB19	CCB19	1	1022	HG
F4934-27MSD	SUP-GP-01(46-48)MSD	1	1024	HG
F4956-06	EB12214	1	1035	HG
CCV20	CCV20	1	1045	HG
CCB20	CCB20	1	1047	HG
F4934-27L	SUP-GP-01(46-48)L	5	1102	HG
CCV21	CCV21	1	1106	HG
CCB21	CCB21	1	1109	HG

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ANALYSIS RUN LOG

Client: C.T. Male Associates, P.C., **Contract:** CTMA01

Lab code: CHEM **Case no.:** F4956 **Sas no.:** F4956 **Sdg no.:** F4956

Instrument id number: **Method:** **Run number:** LB74026

Start date: 12/05/2014 **End date:** 12/05/2014

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1328	HG
S0.2	S0.2	1	1330	HG
S2.5	S2.5	1	1333	HG
S5	S5	1	1335	HG
S7.5	S7.5	1	1337	HG
S10	S10	1	1340	HG
ICV49	ICV49	1	1344	HG
ICB49	ICB49	1	1346	HG
CCV22	CCV22	1	1349	HG
CCB22	CCB22	1	1351	HG
CRA	CRA	1	1353	HG
CCV23	CCV23	1	1416	HG
CCB23	CCB23	1	1418	HG
CCV24	CCV24	1	1448	HG
CCB24	CCB24	1	1451	HG
CCV25	CCV25	1	1516	HG
CCB25	CCB25	1	1518	HG
CCV26	CCV26	1	1543	HG
CCB26	CCB26	1	1545	HG
PB80697BL	PB80697BL	1	1604	HG
PB80697BS	PB80697BS	1	1606	HG
F4956-01	B-1(5-7.5)	1	1608	HG
CCV27	CCV27	1	1610	HG
CCB27	CCB27	1	1613	HG
F4956-02	B-2(2.5-5)	1	1615	HG
F4956-03	B-3(2.5-5)	1	1617	HG
F4956-03DUP	B-3(2.5-5)DUP	1	1620	HG
F4956-04	B-3(2.5-5)MS	1	1622	HG
F4956-05	B-3(2.5-5)MSD	1	1624	HG
F4956-03L	B-3(2.5-5)L	5	1626	HG
F4956-07	B-4(5-7)	1	1636	HG
F4956-08	FD12214	1	1638	HG
CCV28	CCV28	1	1641	HG
CCB28	CCB28	1	1643	HG
CCV29	CCV29	1	1716	HG
CCB29	CCB29	1	1718	HG

metals
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ANALYSIS RUN LOG

Client: C.T. Male Associates, P.C., **Contract:** CTMA01

Lab code: CHEM **Case no.:** F4956 **Sas no.:** F4956 **Sdg no.:** F4956

Instrument id number: **Method:** **Run number:** LB74040

Start date: 12/05/2014 **End date:** 12/05/2014

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1200	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1204	Ag,Al,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1209	Ca,K,Mg,Na
S3	S3	1	1213	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1255	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1314	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV01	LLCCV01	1	1318	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1322	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB80709BL	PB80709BL	1	1425	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB80709BS	PB80709BS	1	1429	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1459	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4952-11DUP	SUP-GP-02(50-52)DUP	1	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4952-11L	SUP-GP-02(50-52)L	5	1517	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4952-11MS	SUP-GP-02(50-52)MS	1	1522	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4952-11MSD	SUP-GP-02(50-52)MSD	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-06	EB12214	1	1535	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1637	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1641	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1734	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1739	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1754	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV02	LLCCV02	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1804	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: C.T. Male Associates, P.C., **Contract:** CTMA01

Lab code: CHEM **Case no.:** F4956 **Sas no.:** F4956 **Sdg no.:** F4956

Instrument id number: **Method:** **Run number:** LB74049

Start date: 12/08/2014 **End date:** 12/08/2014

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1110	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1114	Ag,Al,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1118	Ca,K,Mg,Na
S3	S3	1	1122	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1200	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV01	LLCCV01	1	1235	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB80726BL	PB80726BL	1	1317	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB80726BS	PB80726BS	1	1321	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-01	B-1(5-7.5)	1	1334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-02	B-2(2.5-5)	1	1338	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-03	B-3(2.5-5)	1	1342	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-03DUP	B-3(2.5-5)DUP	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-03L	B-3(2.5-5)L	5	1350	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-04	B-3(2.5-5)MS	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1359	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-05	B-3(2.5-5)MSD	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-07	B-4(5-7)	1	1415	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F4956-08	FD12214	1	1419	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1449	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1540	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1632	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1636	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1738	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1839	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1844	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1916	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV02	LLCCV02	1	1920	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1925	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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LAB CHRONICLE

OrderID:	F4956	**OrderDate:**	12/4/2014 9:13:00 AM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	G42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F4956-01	**B-1(5-7.5)**	**SOIL**			**12/02/14 11:00**			**12/03/14**
			Cyanide	9012B		12/05/14	12/05/14 14:40	
F4956-02	**B-2(2.5-5)**	**SOIL**			**12/02/14 12:00**			**12/03/14**
			Cyanide	9012B		12/05/14	12/05/14 14:40	
F4956-03	**B-3(2.5-5)**	**SOIL**			**12/02/14 13:45**			**12/03/14**
			Cyanide	9012B		12/05/14	12/05/14 14:40	
F4956-06	**EB12214**	**WATER**			**12/02/14 14:30**			**12/03/14**
			Cyanide	9012B		12/05/14	12/05/14 13:26	
F4956-07	**B-4(5-7)**	**SOIL**			**12/02/14 16:15**			**12/03/14**
			Cyanide	9012B		12/05/14	12/05/14 14:46	
F4956-08	**FD12214**	**SOIL**			**12/02/14 00:00**			**12/03/14**
			Cyanide	9012B		12/05/14	12/05/14 14:46	

SAMPLE DATA

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14 11:00:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-1(5-7.5)	SDG No.:	F4956
Lab Sample ID:	F4956-01	Matrix:	SOIL
		% Solid:	81.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.158	J	1	0.039	0.148	0.295	mg/Kg	12/05/14 08:00	12/05/14 14:40	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14 12:00:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-2(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-02	Matrix:	SOIL
		% Solid:	88.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.218	J	1	0.035	0.132	0.264	mg/Kg	12/05/14 08:00	12/05/14 14:40	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14 13:45:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-3(2.5-5)	SDG No.:	F4956
Lab Sample ID:	F4956-03	Matrix:	SOIL
		% Solid:	86.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.076	J	1	0.036	0.138	0.276	mg/Kg	12/05/14 08:00	12/05/14 14:40	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14 14:30:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	EB12214	SDG No.:	F4956
Lab Sample ID:	F4956-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.005	U	1	0.003	0.003	0.005	mg/L	12/05/14 08:00	12/05/14 13:26	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14 16:15:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	B-4(5-7)	SDG No.:	F4956
Lab Sample ID:	F4956-07	Matrix:	SOIL
		% Solid:	91

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.042	J	1	0.036	0.135	0.269	mg/Kg	12/05/14 08:00	12/05/14 14:46	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/02/14 00:00:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/03/14
Client Sample ID:	FD12214	SDG No.:	F4956
Lab Sample ID:	F4956-08	Matrix:	SOIL
		% Solid:	90.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.069	J	1	0.035	0.132	0.264	mg/Kg	12/05/14 08:00	12/05/14 14:46	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Initial and Continuing Calibration Verification

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **RunNo.:** LB74030

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.10	0.10	100	90-110	12/05/2014
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	12/05/2014
Sample ID:	CCV2						
Cyanide		mg/L	0.25	0.25	100	90-110	12/05/2014

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Initial and Continuing Calibration Verification

Client:	C.T. Male Associates, P.C.,	**SDG No.:**	F4956
Project:	209 Warburton Ave., Yonkers, NY	**RunNo.:**	LB74032

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.10	0.10	100	90-110	12/05/2014
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	12/05/2014
Sample ID:	CCV2						
Cyanide		mg/L	0.25	0.25	100	90-110	12/05/2014
Sample ID:	CCV3						
Cyanide		mg/L	0.25	0.25	100	90-110	12/05/2014
Sample ID:	CCV4						
Cyanide		mg/L	0.26	0.25	104	90-110	12/05/2014

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Initial and Continuing Calibration Blank Summary

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **RunNo.:** LB74030

Analyte		Units	Result	Acceptance Limits	MDL	RDL	Analysis Date
Sample ID:	ICB1						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID:	CCB1						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID:	CCB2						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014

Initial and Continuing Calibration Blank Summary

Client:	C.T. Male Associates, P.C.,	**SDG No.:**	F4956
Project:	209 Warburton Ave., Yonkers, NY	**RunNo.:**	LB74032

Analyte		Units	Result	Acceptance Limits	MDL	RDL	Analysis Date
Sample ID:	ICB1						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID:	CCB1						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID:	CCB2						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID:	CCB3						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID:	CCB4						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014

Preparation Blank Summary

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY

Analyte	Units	Result	Acceptance Limits	MDL	RDL	Analysis Date
Sample ID: PB80699BLW						
Cyanide	mg/L	< 0.005	+/-0.005	0.003	0.005	12/05/2014
Sample ID: PB80702BLS						
Cyanide	mg/Kg	< 0.250	+/-0.250	0.033	0.250	12/05/2014

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Matrix Spike Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4952-02
Client ID: SUP-SB-02(0-2)S
Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	48-158	1.620		0.062	J	2.15	1	72		12/05/2014

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Matrix Spike Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4952-02
Client ID: SUP-SB-02(0-2)SD
Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	48-158	1.570		0.062	J	2.12	1	71		12/05/2014

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Matrix Spike Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4956-03
Client ID: B-3(2.5-5)S
Percent Solids for Spike Sample: 86.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	48-158	1.730		0.076	J	2.27	1	73		12/05/2014

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Matrix Spike Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4956-03
Client ID: B-3(2.5-5)SD
Percent Solids for Spike Sample: 86.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	48-158	1.710		0.076	J	2.29	1	71		12/05/2014

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Duplicate Sample Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4952-02
Client ID: SUP-SB-02(0-2)D
Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.062	J	0.062	J	1	0.0		12/05/2014

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Duplicate Sample Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4952-02
Client ID: SUP-SB-02(0-2)SD
Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	1.620		1.570		1	3.1		12/05/2014

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Duplicate Sample Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4956-03
Client ID: B-3(2.5-5)D
Percent Solids for Spike Sample: 86.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.076	J	0.068	J	1	11.1		12/05/2014

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Duplicate Sample Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F4956
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F4956-03
Client ID: B-3(2.5-5)SD
Percent Solids for Spike Sample: 86.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	1.730		1.710		1	1.2		12/05/2014

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Laboratory Control Sample Summary

Client:	C.T. Male Associates, P.C.,	**SDG No.:**	F4956
Project:	209 Warburton Ave., Yonkers, NY	**Run No.:**	LB74030

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB80699BSW								
Cyanide	mg/L	0.10	0.10		100	1	85-115	12/05/2014

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Laboratory Control Sample Summary

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY **Run No.:** LB74032

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB80702BSS								
Cyanide	mg/Kg	10.00	9.50		95	1	80-110	12/05/2014

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Method Detection Limits

Client: C.T. Male Associates, P.C., **SDG No.:** F4956

Project: 209 Warburton Ave., Yonkers, NY

Analyte	Units	MDL	RDL
Method: 9012B Cyanide		**MDL Date:**	01/15/2006
Matrix Category: LIQUID			
Cyanide	mg/L	0.003	0.005
Matrix Category: SOLIDS			
Cyanide	mg/Kg	0.033	0.250

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. F4956
QUOTE NO.
COC Number 032614

9.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: C.T. Male Associates
ADDRESS: 50 Century Hill Dr.
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 209 Warburton Ave
PROJECT NO.: 14.4445 LOCATION: Yonkers, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: 518-786-7400 FAX:

CLIENT BILLING INFORMATION

BILL TO: C.T. Male Assoc. PO#: 14.4445
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data) *
* EDD Format: EQuIS

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 TCL PCBs
4 TCL Pesticides
5 TAL Metals
6 Cyanide
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	B-1 (5-7.5')	Soil		X	12/3/14	1100	5	✓	✓	✓	✓	✓	✓				
2.	B-2 (2.5-5')	Soil		X		1200	5	✓	✓	✓	✓	✓	✓				
3.	B-3 (2.5-5')	Soil		X		1345	10	✓	✓	✓	✓	✓	✓				Do MS/MSD
4.	EB12214	W				1430	7	✓	✓	✓	✓	✓	✓				
5.	B-4 (5-7')	Soil		X		1615	5	✓	✓	✓	✓	✓	✓				
6.	FD12214	Soil		X			5	✓	✓	✓	✓	✓	✓				
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: E E E E E E

COMMENTS: ← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Steph Rh	12.3.14 1335	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	12.3.14 1910	3.

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: * ASP CAT B Deliverables

Cooler Temp. 5.2
Ice in Cooler?: yes

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☑ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☑ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

ATTACHMENT H

FULL ANALYTICAL RESULTS – GROUNDWATER

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : 209 WARBURTON AVE., YONKERS, NY

C.T. MALE ASSOCIATES, P.C.,

50 CENTURY HILL DRIVE

LATHAM, NY - 12110

Phone No: 518-786-7400

ORDER ID : F5210

ATTENTION : Kirk Moline

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Cover Page

Order ID : F5210

Project ID : 209 Warburton Ave., Yonkers, NY

Client : C.T. Male Associates, P.C.,

Lab Sample Number	Client Sample Number
F5210-01	MW-1
F5210-02	MW-2
F5210-03	F5210-02MS
F5210-04	F5210-02MSD
F5210-05	MW-3
F5210-06	FD01
F5210-07	EB01
F5210-08	TRANSPORTBLANK

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

APPROVED

Date: 1/3/2015

By Mildred V Reyes QA/QC Supervisor at 11:08 am, Jan 07, 2015

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
MW-1	F5210-01	8260C	8270D		8081B, 8082A	6010C, 7470A	9012B
MW-2	F5210-02	8260C	8270D		8081B, 8082A	6010C, 7470A	9012B
MW-3	F5210-05	8260C	8270D		8081B, 8082A	6010C, 7470A	9012B
FD01	F5210-06	8260C	8270D		8081B, 8082A	6010C, 7470A	9012B
EB01	F5210-07	8260C	8270D		8081B, 8082A	6010C, 7470A	9012B
TRANSPORTBLANK	F5210-08	8260C					

2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F5210-01	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-02	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-05	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-06	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-07	Water	12/22/14	12/23/14	12/24/14	12/25/14

* Details For Test :SVOC-TCL BNA -20

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F5210-01	Water	12/22/14	12/23/14		12/24/14
F5210-02	Water	12/22/14	12/23/14		12/24/14
F5210-05	Water	12/22/14	12/23/14		12/24/14
F5210-06	Water	12/22/14	12/23/14		12/24/14
F5210-07	Water	12/22/14	12/23/14		12/24/14
F5210-08	Water	12/22/14	12/23/14		12/24/14

* Details For Test :VOC-TCLVOA-10

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F5210-01	Water	12/22/14	12/23/14	12/24/14	12/24/14
F5210-02	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-05	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-06	Water	12/22/14	12/23/14	12/24/14	12/25/14
F5210-07	Water	12/22/14	12/23/14	12/24/14	12/25/14

* Details For Test :PCB Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
F5210-01	Water	12/22/14	12/23/14	12/24/14	12/24/14
F5210-02	Water	12/22/14	12/23/14	12/24/14	12/24/14
F5210-05	Water	12/22/14	12/23/14	12/24/14	12/24/14
F5210-06	Water	12/22/14	12/23/14	12/24/14	12/24/14
F5210-07	Water	12/22/14	12/23/14	12/24/14	12/24/14

* Details For Test :Pesticide-TCL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F5210-01	Water	8260C	5030		
F5210-02	Water	8260C	5030		
F5210-03	Water	8260C	5030		
F5210-04	Water	8260C	5030		
F5210-05	Water	8260C	5030		
F5210-06	Water	8260C	5030		
F5210-07	Water	8260C	5030		
F5210-08	Water	8260C	5030		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F5210-01	Water	8270D	3510C		
F5210-02	Water	8270D	3510C		
F5210-03	Water	8270D	3510C		
F5210-04	Water	8270D	3510C		
F5210-05	Water	8270D	3510C		
F5210-06	Water	8270D	3510C		
F5210-07	Water	8270D	3510C		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
F5210-01	Water	8082A	3510C		
F5210-02	Water	8082A	3510C		
F5210-03	Water	8082A	3510C		
F5210-04	Water	8082A	3510C		
F5210-05	Water	8082A	3510C		
F5210-06	Water	8082A	3510C		
F5210-07	Water	8082A	3510C		

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
F5210-01	WATER	Mercury	12/23/14	12/24/14	12/26/14
F5210-02	WATER	Mercury	12/23/14	12/24/14	12/26/14
F5210-05	WATER	Mercury	12/23/14	12/24/14	12/26/14
F5210-06	WATER	Mercury	12/23/14	12/24/14	12/26/14
F5210-07	WATER	Mercury	12/23/14	12/24/14	12/26/14

* Details For Test :Mercury

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
F5210-01	WATER	Metals ICP-TAL	12/23/14	12/24/14	12/24/14
F5210-02	WATER	Metals ICP-TAL	12/23/14	12/24/14	12/24/14
F5210-05	WATER	Metals ICP-TAL	12/23/14	12/24/14	12/24/14
F5210-06	WATER	Metals ICP-TAL	12/23/14	12/24/14	12/24/14
F5210-07	WATER	Metals ICP-TAL	12/23/14	12/24/14	12/24/14

* Details For Test :Metals ICP-TAL

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F5210
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
8 Water samples were received on 12/23/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868.The analysis of VOC-TCLVOA-10 was based on method 8260C.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 15% in the Initial Calibration (Method 82N121614W.M) for Bromomethane, Cyclohexane, 2-Hexanone, Styrene these compounds are passing on Linear regression.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:08 am, Jan 07, 2015

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F5210
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
8 Water samples were received on 12/23/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOC-TCL BNA -20 was based on method 8270D and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS {F5210-03MS} with File ID: BF076573.D recoveries met the requirements for all compounds except for Benzaldehyde[4%].
The MSD {F5210-04MSD} with File ID: BF076574.D recoveries met the acceptable requirements except for Benzaldehyde[3%].
The RPD for {F5210-04MSD} with File ID: BF076574.D recoveries met criteria except for Benzaldehyde[29%].
The Blank Spike for {PB81070BS} with File ID: BF076562.D met requirements for all samples except for Benzaldehyde[2%].
The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF121714.M) for 2,4-Dinitrophenol, this compound is passing on Quadratic regression while Hexachlorocyclopentadiene, this compound is passing on Linear regression.
The Continuous Calibration File ID BF076565.D met the requirements except for 2,4-Dinitrophenol but it was not detected in any sample.
The Tuning criteria met requirements.

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E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:08 am, Jan 07, 2015

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CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F5210
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
8 Water samples were received on 12/23/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD recoveries met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% in the Initial Calibration (Method PL121514.M) for alpha-BHC (Column #1) this compound is passing on Linear regression .
The Continuous Calibration File ID PL011134.D met the requirements except for Endrin ketone is failing in 1st column but passing in 2nd column .

E. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:08 am, Jan 07, 2015

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F5210
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
8 Water samples were received on 12/23/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD recoveries met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature Mildred V Reyes

APPROVED

By Mildred V Reyes QA/QC Supervisor at 11:08 am, Jan 07, 2015

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F5210
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
8 Water samples were received on 12/23/2014.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010C, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution(MW-2L) met criteria for all samples except for Aluminum.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signatu Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:08 am, Jan 07, 2015

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

C.T. Male Associates, P.C.,
Project Name: 209 Warburton Ave., Yonkers, NY
Project # N/A
Chemtech Project # F5210
Test Name: Cyanide

A. Number of Samples and Date of Receipt:
8 Water samples were received on 12/23/2014.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, Metals ICP-TAL, METALS-TAL, PCB Group1, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Cyanide.

C. Analytical Techniques:
The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED
By Mildred V Reyes QA/QC Supervisor at 11:07 am, Jan 07, 2015

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: F5210

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

1st Level QA Review Signature: MOHINI SONI **Date:** 01/03/2015

REVIEWED
By kalpana, Data Reviewer at 9:50 am, Jan 07, 2015

2nd Level QA Review Signature **Date:**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

LAB CHRONICLE

OrderID:	F5210	**OrderDate:**	12/22/2014 5:01:00 PM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	J63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F5210-01	**MW-1**	**Water**			**12/22/14**			**12/23/14**
			VOC-TCLVOA-10	8260C			12/24/14	
F5210-02	**MW-2**	**Water**			**12/22/14**			**12/23/14**
			VOC-TCLVOA-10	8260C			12/24/14	
F5210-05	**MW-3**	**Water**			**12/22/14**			**12/23/14**
			VOC-TCLVOA-10	8260C			12/24/14	
F5210-06	**FD01**	**Water**			**12/22/14**			**12/23/14**
			VOC-TCLVOA-10	8260C			12/24/14	
F5210-07	**EB01**	**Water**			**12/22/14**			**12/23/14**
			VOC-TCLVOA-10	8260C			12/24/14	
F5210-08	**TRANSPORTBLANK**	**Water**			**12/22/14**			**12/23/14**
			VOC-TCLVOA-10	8260C			12/24/14	

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Hit Summary Sheet
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**MW-2**								
F5210-02	MW-2	Water	Chloroform	1.10	J	0.34	0.5	5	ug/L
			Total Voc :	1.1					
			Total Concentration:	1.1					
Client ID:	**MW-3**								
F5210-05	MW-3	Water	Chloroform	1.20	J	0.34	0.5	5	ug/L
			Total Voc :	1.2					
			Total Concentration:	1.2					

SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021293.D	1		12/24/14 15:38	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021293.D	1		12/24/14 15:38	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.9		61 - 141		108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		69 - 133		106%	SPK: 50
2037-26-5	Toluene-d8	50.1		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		58 - 135		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	836540	7.87				
540-36-3	1,4-Difluorobenzene	1255160	8.79				
3114-55-4	Chlorobenzene-d5	1235290	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	576293	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021293.D	1		12/24/14 15:38	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021294.D	1		12/24/14 16:08	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	1.1	J	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021294.D	1		12/24/14 16:08	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.4		61 - 141		103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		69 - 133		103%	SPK: 50
2037-26-5	Toluene-d8	49.2		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.8		58 - 135		92%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	790817	7.87				
540-36-3	1,4-Difluorobenzene	1174340	8.78				
3114-55-4	Chlorobenzene-d5	1145330	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	510627	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021294.D	1		12/24/14 16:08	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021295.D	1		12/24/14 16:37	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	1.2	J	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021295.D	1		12/24/14 16:37	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.4		61 - 141		105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		69 - 133		105%	SPK: 50
2037-26-5	Toluene-d8	50.5		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47		58 - 135		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	849533	7.87				
540-36-3	1,4-Difluorobenzene	1260270	8.79				
3114-55-4	Chlorobenzene-d5	1239400	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	578372	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021295.D	1		12/24/14 16:37	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021296.D	1		12/24/14 17:07	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021296.D	1		12/24/14 17:07	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53		61 - 141		106%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		69 - 133		107%	SPK: 50
2037-26-5	Toluene-d8	50.6		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		58 - 135		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	840955	7.87				
540-36-3	1,4-Difluorobenzene	1253540	8.79				
3114-55-4	Chlorobenzene-d5	1231540	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	564928	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021296.D	1		12/24/14 17:07	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021291.D	1		12/24/14 14:39	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021291.D	1		12/24/14 14:39	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.6		61 - 141		109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		69 - 133		104%	SPK: 50
2037-26-5	Toluene-d8	50.2		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		58 - 135		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	798256	7.87				
540-36-3	1,4-Difluorobenzene	1221050	8.79				
3114-55-4	Chlorobenzene-d5	1191910	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	552859	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021291.D	1		12/24/14 14:39	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	TRANSPORTBLANK	SDG No.:	F5210
Lab Sample ID:	F5210-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021292.D	1		12/24/14 15:08	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	TRANSPORTBLANK	SDG No.:	F5210
Lab Sample ID:	F5210-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021292.D	1		12/24/14 15:08	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52		61 - 141		104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		69 - 133		105%	SPK: 50
2037-26-5	Toluene-d8	50.1		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47		58 - 135		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	782348	7.87				
540-36-3	1,4-Difluorobenzene	1151800	8.79				
3114-55-4	Chlorobenzene-d5	1123900	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	516688	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	TRANSPORTBLANK	SDG No.:	F5210
Lab Sample ID:	F5210-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021292.D	1		12/24/14 15:08	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
F5210-01	MW-1	1,2-Dichloroethane-d4	50	53.854	108	61	141
		Dibromofluoromethane	50	53.115	106	69	133
		Toluene-d8	50	50.084	100	65	126
		4-Bromofluorobenzene	50	48.218	96	58	135
F5210-02	MW-2	1,2-Dichloroethane-d4	50	51.41	103	61	141
		Dibromofluoromethane	50	51.72	103	69	133
		Toluene-d8	50	49.19	98	65	126
		4-Bromofluorobenzene	50	45.78	92	58	135
F5210-05	MW-3	1,2-Dichloroethane-d4	50	52.418	105	61	141
		Dibromofluoromethane	50	52.257	105	69	133
		Toluene-d8	50	50.545	101	65	126
		4-Bromofluorobenzene	50	47.032	94	58	135
F5210-06	FD01	1,2-Dichloroethane-d4	50	53.021	106	61	141
		Dibromofluoromethane	50	53.591	107	69	133
		Toluene-d8	50	50.646	101	65	126
		4-Bromofluorobenzene	50	47.671	95	58	135
F5210-07	EB01	1,2-Dichloroethane-d4	50	54.63	109	61	141
		Dibromofluoromethane	50	52.072	104	69	133
		Toluene-d8	50	50.233	100	65	126
		4-Bromofluorobenzene	50	48.168	96	58	135
F5210-08	TRANSPORTBLANK	1,2-Dichloroethane-d4	50	51.995	104	61	141
		Dibromofluoromethane	50	52.556	105	69	133
		Toluene-d8	50	50.091	100	65	126
		4-Bromofluorobenzene	50	47.008	94	58	135

Surrogate Summary

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
F5210-03MS	MW-2MS	1,2-Dichloroethane-d4	50	51.03	102	70	120
		Dibromofluoromethane	50	49.87	100	85	115
		Toluene-d8	50	48.79	98	85	120
		4-Bromofluorobenzene	50	48.38	97	75	120
F5210-04MSD	MW-2MSD	1,2-Dichloroethane-d4	50	53.92	108	70	120
		Dibromofluoromethane	50	53.72	107	85	115
		Toluene-d8	50	51.17	102	85	120
		4-Bromofluorobenzene	50	51.23	102	75	120
VN1224WBL01	VN1224WBL01	1,2-Dichloroethane-d4	50	52.61	105	70	120
		Dibromofluoromethane	50	52.55	105	85	115
		Toluene-d8	50	50.1	100	85	120
		4-Bromofluorobenzene	50	45.44	91	75	120
VN1224WBS01	VN1224WBS01	1,2-Dichloroethane-d4	50	50.814	102	70	120
		Dibromofluoromethane	50	51.956	104	85	115
		Toluene-d8	50	49.299	99	85	120
		4-Bromofluorobenzene	50	47.571	95	75	120

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : F5210-03MS		**Client Sample ID : MW-2MS**						**Datafile :**	VN021302.D		
Dichlorodifluoromethane	50	0	44.8	ug/L	90				30	155	
Chloromethane	50	0	45.1	ug/L	90				40	125	
Vinyl chloride	50	0	46.7	ug/L	93				50	145	
Bromomethane	50	0	42.8	ug/L	86				30	145	
Chloroethane	50	0	48.8	ug/L	98				60	135	
Trichlorofluoromethane	50	0	49.3	ug/L	99				60	145	
1,1,2-Trichlorotrifluoroethane	50	0	49.7	ug/L	99				52	142	
1,1-Dichloroethene	50	0	49.7	ug/L	99				70	130	
Acetone	250	0	200	ug/L	80				40	140	
Carbon disulfide	50	0	44.3	ug/L	89				35	160	
Methyl tert-butyl Ether	50	0	53.2	ug/L	106				65	125	
Methyl Acetate	50	0	56.2	ug/L	112				51	158	
Methylene Chloride	50	0	48.9	ug/L	98				55	140	
trans-1,2-Dichloroethene	50	0	50.8	ug/L	102				60	140	
1,1-Dichloroethane	50	0	50.6	ug/L	101				70	135	
Cyclohexane	50	0	49.2	ug/L	98				56	141	
2-Butanone	250	0	280	ug/L	112				30	150	
Carbon Tetrachloride	50	0	49	ug/L	98				65	140	
cis-1,2-Dichloroethene	50	0	52.7	ug/L	105				70	125	
Bromochloromethane	50	0	58.9	ug/L	118				65	130	
Chloroform	50	1.1	53.6	ug/L	105				65	135	
1,1,1-Trichloroethane	50	0	52.8	ug/L	106				65	130	
Methylcyclohexane	50	0	46	ug/L	92				56	137	
Benzene	50	0	50.2	ug/L	100				80	120	
1,2-Dichloroethane	50	0	51.8	ug/L	104				70	130	
Trichloroethene	50	0	49.2	ug/L	98				70	125	
1,2-Dichloropropane	50	0	51.3	ug/L	103				75	125	
Bromodichloromethane	50	0	50	ug/L	100				75	120	
4-Methyl-2-Pentanone	250	0	300	ug/L	120				60	135	
Toluene	50	0	51.1	ug/L	102				75	120	
t-1,3-Dichloropropene	50	0	51.4	ug/L	103				55	140	
cis-1,3-Dichloropropene	50	0	49.8	ug/L	100				70	130	
1,1,2-Trichloroethane	50	0	55	ug/L	110				75	125	
2-Hexanone	250	0	270	ug/L	108				55	130	
Dibromochloromethane	50	0	52.2	ug/L	104				60	135	
1,2-Dibromoethane	50	0	53.2	ug/L	106				80	120	
Tetrachloroethene	50	0	48.5	ug/L	97				45	150	
Chlorobenzene	50	0	49.5	ug/L	99				80	120	
Ethyl Benzene	50	0	49.8	ug/L	100				75	125	
m/p-Xylenes	100	0	100	ug/L	100				75	130	
o-Xylene	50	0	51.4	ug/L	103				80	120	
Styrene	50	0	47.8	ug/L	96				65	135	
Bromoform	50	0	53.5	ug/L	107				70	130	
Isopropylbenzene	50	0	48.7	ug/L	97				75	125	
1,1,2,2-Tetrachloroethane	50	0	53.1	ug/L	106				65	130	
1,3-Dichlorobenzene	50	0	48.2	ug/L	96				75	125	
1,4-Dichlorobenzene	50	0	48	ug/L	96				75	125	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2-Dichlorobenzene	50	0	49.6	ug/L	99				70	120	
1,2-Dibromo-3-Chloropropane	50	0	53.8	ug/L	108				50	130	
1,2,4-Trichlorobenzene	50	0	48.3	ug/L	97				65	135	
1,2,3-Trichlorobenzene	50	0	51.2	ug/L	102				55	140	
1,4-Dioxane	1000	0	1100	ug/L	110				50	150	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : F5210-04MSD		**Client Sample ID : MW-2MSD**						**Datafile :**	VN021303.D		
Dichlorodifluoromethane	50	0	43.9	ug/L	88		2		30	155	20
Chloromethane	50	0	43.7	ug/L	87		3		40	125	20
Vinyl chloride	50	0	45.1	ug/L	90		3		50	145	20
Bromomethane	50	0	46.3	ug/L	93		8		30	145	20
Chloroethane	50	0	46.2	ug/L	92		5		60	135	20
Trichlorofluoromethane	50	0	48.3	ug/L	97		2		60	145	20
1,1,2-Trichlorotrifluoroethane	50	0	49.8	ug/L	100		0		52	142	20
1,1-Dichloroethene	50	0	47.3	ug/L	95		5		70	130	20
Acetone	250	0	190	ug/L	76		5		40	140	20
Carbon disulfide	50	0	43.2	ug/L	86		3		35	160	20
Methyl tert-butyl Ether	50	0	51.6	ug/L	103		3		65	125	20
Methyl Acetate	50	0	53.9	ug/L	108		4		51	158	20
Methylene Chloride	50	0	47.8	ug/L	96		2		55	140	20
trans-1,2-Dichloroethene	50	0	50.5	ug/L	101		1		60	140	20
1,1-Dichloroethane	50	0	49.7	ug/L	99		2		70	135	20
Cyclohexane	50	0	47	ug/L	94		5		56	141	20
2-Butanone	250	0	260	ug/L	104		7		30	150	20
Carbon Tetrachloride	50	0	48.2	ug/L	96		2		65	140	20
cis-1,2-Dichloroethene	50	0	50.7	ug/L	101		4		70	125	20
Bromochloromethane	50	0	57.1	ug/L	114		3		65	130	20
Chloroform	50	1.1	53.1	ug/L	104		1		65	135	20
1,1,1-Trichloroethane	50	0	51.5	ug/L	103		2		65	130	20
Methylcyclohexane	50	0	44.9	ug/L	90		2		56	137	20
Benzene	50	0	48.6	ug/L	97		3		80	120	20
1,2-Dichloroethane	50	0	49.4	ug/L	99		5		70	130	20
Trichloroethene	50	0	47.6	ug/L	95		3		70	125	20
1,2-Dichloropropane	50	0	49.8	ug/L	100		3		75	125	20
Bromodichloromethane	50	0	48.9	ug/L	98		2		75	120	20
4-Methyl-2-Pentanone	250	0	290	ug/L	116		3		60	135	20
Toluene	50	0	49.8	ug/L	100		3		75	120	20
t-1,3-Dichloropropene	50	0	49.7	ug/L	99		3		55	140	20
cis-1,3-Dichloropropene	50	0	48.1	ug/L	96		3		70	130	20
1,1,2-Trichloroethane	50	0	53.5	ug/L	107		3		75	125	20
2-Hexanone	250	0	260	ug/L	104		4		55	130	20
Dibromochloromethane	50	0	50	ug/L	100		4		60	135	20
1,2-Dibromoethane	50	0	51.6	ug/L	103		3		80	120	20
Tetrachloroethene	50	0	47.9	ug/L	96		1		45	150	20
Chlorobenzene	50	0	48	ug/L	96		3		80	120	20
Ethyl Benzene	50	0	48.8	ug/L	98		2		75	125	20
m/p-Xylenes	100	0	99.4	ug/L	99		1		75	130	20
o-Xylene	50	0	50.2	ug/L	100		2		80	120	20
Styrene	50	0	47.8	ug/L	96		0		65	135	20
Bromoform	50	0	53.4	ug/L	107		0		70	130	20
Isopropylbenzene	50	0	48.4	ug/L	97		1		75	125	20
1,1,2,2-Tetrachloroethane	50	0	53.2	ug/L	106		0		65	130	20
1,3-Dichlorobenzene	50	0	48.5	ug/L	97		1		75	125	20
1,4-Dichlorobenzene	50	0	48.3	ug/L	97		1		75	125	20

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2-Dichlorobenzene	50	0	49.6	ug/L	99		0		70	120	20
1,2-Dibromo-3-Chloropropane	50	0	52.4	ug/L	105		3		50	130	20
1,2,4-Trichlorobenzene	50	0	49.8	ug/L	100		3		65	135	20
1,2,3-Trichlorobenzene	50	0	51.8	ug/L	104		1		55	140	20
1,4-Dioxane	1000	0	1000	ug/L	100		10		50	150	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low **Datafile :** VN021285.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1224WBS01	Dichlorodifluoromethane	20	18.9	ug/L	95			30	155	
	Chloromethane	20	19.6	ug/L	98			40	125	
	Vinyl chloride	20	18.7	ug/L	94			50	145	
	Bromomethane	20	21.7	ug/L	109			30	145	
	Chloroethane	20	19.4	ug/L	97			60	135	
	Trichlorofluoromethane	20	20.8	ug/L	104			60	145	
	1,1,2-Trichlorotrifluoroethane	20	21.5	ug/L	108			52	142	
	1,1-Dichloroethene	20	20.1	ug/L	101			70	130	
	Acetone	100	110	ug/L	110			40	140	
	Carbon disulfide	20	18	ug/L	90			35	160	
	Methyl tert-butyl Ether	20	20.3	ug/L	102			65	125	
	Methyl Acetate	20	21.6	ug/L	108			51	158	
	Methylene Chloride	20	21	ug/L	105			55	140	
	trans-1,2-Dichloroethene	20	20.5	ug/L	103			60	140	
	1,1-Dichloroethane	20	20.7	ug/L	104			70	135	
	Cyclohexane	20	20.9	ug/L	104			56	141	
	2-Butanone	100	110	ug/L	110			30	150	
	Carbon Tetrachloride	20	20.3	ug/L	102			65	140	
	cis-1,2-Dichloroethene	20	21.1	ug/L	106			70	125	
	Bromochloromethane	20	22.5	ug/L	113			65	130	
	Chloroform	20	21.5	ug/L	108			65	135	
	1,1,1-Trichloroethane	20	21.7	ug/L	109			65	130	
	Methylcyclohexane	20	19.7	ug/L	99			56	137	
	Benzene	20	20.9	ug/L	104			80	120	
	1,2-Dichloroethane	20	21.8	ug/L	109			70	130	
	Trichloroethene	20	20.2	ug/L	101			70	125	
	1,2-Dichloropropane	20	21.5	ug/L	108			75	125	
	Bromodichloromethane	20	20.9	ug/L	104			75	120	
	4-Methyl-2-Pentanone	100	110	ug/L	110			60	135	
	Toluene	20	20.9	ug/L	104			75	120	
	t-1,3-Dichloropropene	20	21.1	ug/L	106			55	140	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70	130	
	1,1,2-Trichloroethane	20	22.6	ug/L	113			75	125	
	2-Hexanone	100	110	ug/L	110			55	130	
	Dibromochloromethane	20	21.2	ug/L	106			60	135	
	1,2-Dibromoethane	20	20.7	ug/L	104			80	120	
	Tetrachloroethene	20	20.9	ug/L	104			45	150	
	Chlorobenzene	20	20.4	ug/L	102			80	120	
	Ethyl Benzene	20	20.2	ug/L	101			75	125	
	m/p-Xylenes	40	41.9	ug/L	105			75	130	
	o-Xylene	20	21	ug/L	105			80	120	
	Styrene	20	21.1	ug/L	106			65	135	
	Bromoform	20	21	ug/L	105			70	130	
	Isopropylbenzene	20	20.6	ug/L	103			75	125	
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107			65	130	
	1,3-Dichlorobenzene	20	20.4	ug/L	102			75	125	
	1,4-Dichlorobenzene	20	20.6	ug/L	103			75	125	
	1,2-Dichlorobenzene	20	20.8	ug/L	104			70	120	
	1,2-Dibromo-3-Chloropropane	20	22.2	ug/L	111			50	130	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8260-Low **Datafile :** VN021285.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN1224WBS01	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			65	135	
	1,2,3-Trichlorobenzene	20	20	ug/L	100			55	140	
	1,4-Dioxane	400	390	ug/L	98			50	150	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN1224WBL01

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab File ID: VN021284.D Lab Sample ID: VN1224WBL01

Date Analyzed: 12/24/2014 Time Analyzed: 11:12

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1224WBS01	VN1224WBS01	VN021285.D	12/24/2014
EB01	F5210-07	VN021291.D	12/24/2014
TRANSPORTBLANK	F5210-08	VN021292.D	12/24/2014
MW-1	F5210-01	VN021293.D	12/24/2014
MW-2	F5210-02	VN021294.D	12/24/2014
MW-3	F5210-05	VN021295.D	12/24/2014
FD01	F5210-06	VN021296.D	12/24/2014
MW-2MS	F5210-03MS	VN021302.D	12/24/2014
MW-2MSD	F5210-04MSD	VN021303.D	12/24/2014

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab File ID: VN021043.D BFB Injection Date: 12/16/2014

Instrument ID: MSVOA_N BFB Injection Time: 09:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.7
75	30.0 - 60.0% of mass 95	47.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	98.4
175	5.0 - 9.0% of mass 174	7.1 (7.2) 1
176	95.0 - 101.0% of mass 174	95.2 (96.8) 1
177	5.0 - 9.0% of mass 176	6.1 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN021044.D	12/16/2014	10:22
VSTDICC005	VSTDICC005	VN021045.D	12/16/2014	10:57
VSTDICC020	VSTDICC020	VN021046.D	12/16/2014	11:41
VSTDICCC050	VSTDICCC050	VN021047.D	12/16/2014	12:10
VSTDICC100	VSTDICC100	VN021048.D	12/16/2014	12:40
VSTDICC200	VSTDICC200	VN021049.D	12/16/2014	13:09

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab File ID: VN021282.D BFB Injection Date: 12/24/2014

Instrument ID: MSVOA_N BFB Injection Time: 09:27

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.4
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	98.7
175	5.0 - 9.0% of mass 174	7.7 (7.8) 1
176	95.0 - 101.0% of mass 174	95.1 (96.4) 1
177	5.0 - 9.0% of mass 176	6.4 (6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN021283.D	12/24/2014	10:03
VN1224WBL01	VN1224WBL01	VN021284.D	12/24/2014	11:12
VN1224WBS01	VN1224WBS01	VN021285.D	12/24/2014	11:41
EB01	F5210-07	VN021291.D	12/24/2014	14:39
TRANSPORTBLANK	F5210-08	VN021292.D	12/24/2014	15:08
MW-1	F5210-01	VN021293.D	12/24/2014	15:38
MW-2	F5210-02	VN021294.D	12/24/2014	16:08
MW-3	F5210-05	VN021295.D	12/24/2014	16:37
FD01	F5210-06	VN021296.D	12/24/2014	17:07
MW-2MS	F5210-03MS	VN021302.D	12/24/2014	20:05
MW-2MSD	F5210-04MSD	VN021303.D	12/24/2014	20:35

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab File ID: VN021283.D Date Analyzed: 12/24/2014

Instrument ID: MSVOA_N Time Analyzed: 10:03

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	1099220	7.86	1524210	8.78	1412880	11.61
UPPER LIMIT	2198440	8.36	3048420	9.28	2825750	12.11
LOWER LIMIT	549611	7.36	762106	8.28	706438	11.11
EPA SAMPLE NO.						
MW-1	836540	7.87	1255159	8.79	1235291	11.61
MW-2	790817	7.87	1174336	8.78	1145331	11.61
MW-2MS	1024983	7.87	1493519	8.79	1390950	11.61
MW-2MSD	1015723	7.87	1482645	8.78	1366283	11.61
MW-3	849533	7.87	1260268	8.79	1239403	11.61
FD01	840955	7.87	1253539	8.79	1231539	11.61
EB01	798256	7.87	1221054	8.79	1191905	11.61
TRANSPORTBLANK	782348	7.87	1151797	8.79	1123904	11.61
VN1224WBL01	931471	7.87	1397767	8.79	1322643	11.61
VN1224WBS01	1020359	7.87	1460480	8.78	1331522	11.61

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab File ID: VN021283.D Date Analyzed: 12/24/2014

Instrument ID: MSVOA_N Time Analyzed: 10:03

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	725231	13.56				
UPPER LIMIT	1450460	14.06				
LOWER LIMIT	362616	13.06				
EPA SAMPLE NO.						
MW-1	576293	13.56				
MW-2	510627	13.56				
MW-2MS	719127	13.56				
MW-2MSD	694425	13.56				
MW-3	578372	13.56				
FD01	564928	13.56				
EB01	552859	13.56				
TRANSPORTBLANK	516688	13.56				
VN1224WBL01	598264	13.56				
VN1224WBS01	677049	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1224WBL01	SDG No.:	F5210
Lab Sample ID:	VN1224WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021284.D	1		12/24/14 11:12	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1224WBL01	SDG No.:	F5210
Lab Sample ID:	VN1224WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021284.D	1		12/24/14 11:12	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.6		70 - 120		105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		85 - 115		105%	SPK: 50
2037-26-5	Toluene-d8	50.1		85 - 120		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.4		75 - 120		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	931471	7.87				
540-36-3	1,4-Difluorobenzene	1397770	8.79				
3114-55-4	Chlorobenzene-d5	1322640	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	598264	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1224WBL01	SDG No.:	F5210
Lab Sample ID:	VN1224WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021284.D	1		12/24/14 11:12	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1224WBS01	SDG No.:	F5210
Lab Sample ID:	VN1224WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021285.D	1		12/24/14 11:41	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	18.9		0.2	0.2	1	ug/L
74-87-3	Chloromethane	19.6		0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	18.7		0.2	0.2	1	ug/L
74-83-9	Bromomethane	21.7		0.2	0.2	1	ug/L
75-00-3	Chloroethane	19.4		0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	20.8		0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.5		0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	20.1		0.2	0.2	1	ug/L
67-64-1	Acetone	110		0.5	1	5	ug/L
75-15-0	Carbon Disulfide	18		0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	21.6		0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	21		0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	20.5		0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.2	0.2	1	ug/L
110-82-7	Cyclohexane	20.9		0.2	0.2	1	ug/L
78-93-3	2-Butanone	110		1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	20.3		0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	21.1		0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	22.5		0.2	0.5	1	ug/L
67-66-3	Chloroform	21.5		0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	21.7		0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	19.7		0.2	0.2	1	ug/L
71-43-2	Benzene	20.9		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.2	0.2	1	ug/L
79-01-6	Trichloroethene	20.2		0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	21.5		0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	20.9		0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	110		1	1	5	ug/L
108-88-3	Toluene	20.9		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	21.1		0.2	0.2	1	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1224WBS01	SDG No.:	F5210
Lab Sample ID:	VN1224WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021285.D	1		12/24/14 11:41	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	20.3		0.2	0.2	1	ug/L
79-00-5	1,1,2-Trichloroethane	22.6		0.2	0.2	1	ug/L
591-78-6	2-Hexanone	110		1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	21.2		0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	20.9		0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	20.4		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	20.2		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	41.9		0.4	0.4	2	ug/L
95-47-6	o-Xylene	21		0.2	0.2	1	ug/L
100-42-5	Styrene	21.1		0.2	0.2	1	ug/L
75-25-2	Bromoform	21		0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	20.6		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	20.4		0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	20.6		0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	20.8		0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	20		0.2	0.2	1	ug/L
123-91-1	1,4-Dioxane	390		100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		70 - 120		102%	SPK: 50
1868-53-7	Dibromofluoromethane	52		85 - 115		104%	SPK: 50
2037-26-5	Toluene-d8	49.3		85 - 120		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.6		75 - 120		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1020360	7.87				
540-36-3	1,4-Difluorobenzene	1460480	8.78				
3114-55-4	Chlorobenzene-d5	1331520	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	677049	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	VN1224WBS01	SDG No.:	F5210
Lab Sample ID:	VN1224WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021285.D	1		12/24/14 11:41	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021302.D	1		12/24/14 20:05	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	44.8		0.2	0.5	5	ug/L
74-87-3	Chloromethane	45.1		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	46.7		0.34	0.5	5	ug/L
74-83-9	Bromomethane	42.8		0.2	0.5	5	ug/L
75-00-3	Chloroethane	48.8		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	49.3		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	49.7		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	49.7		0.47	0.5	5	ug/L
67-64-1	Acetone	200		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	44.3		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	53.2		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	56.2		0.2	2	5	ug/L
75-09-2	Methylene Chloride	48.9		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	50.8		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	50.6		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	49.2		0.2	0.5	5	ug/L
78-93-3	2-Butanone	280		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	49		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	52.7		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	58.9		0.2	0.5	5	ug/L
67-66-3	Chloroform	53.6		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	52.8		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	46		0.2	0.5	5	ug/L
71-43-2	Benzene	50.2		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	51.8		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	49.2		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	51.3		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	50		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	300		2.1	2.5	25	ug/L
108-88-3	Toluene	51.1		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	51.4		0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021302.D	1		12/24/14 20:05	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	49.8		0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	55		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	270		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	52.2		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	53.2		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	48.5		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	49.5		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	49.8		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	100		0.95	1	10	ug/L
95-47-6	o-Xylene	51.4		0.43	0.5	5	ug/L
100-42-5	Styrene	47.8		0.36	0.5	5	ug/L
75-25-2	Bromoform	53.5		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	48.7		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.1		0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	48.2		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	48		0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	49.6		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.8		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	48.3		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	51.2		0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	1100		50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51		70 - 120		102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		85 - 115		100%	SPK: 50
2037-26-5	Toluene-d8	48.8		85 - 120		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		75 - 120		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1024980	7.87				
540-36-3	1,4-Difluorobenzene	1493520	8.79				
3114-55-4	Chlorobenzene-d5	1390950	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	719127	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021302.D	1		12/24/14 20:05	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021303.D	1		12/24/14 20:35	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	43.9		0.2	0.5	5	ug/L
74-87-3	Chloromethane	43.7		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	45.1		0.34	0.5	5	ug/L
74-83-9	Bromomethane	46.3		0.2	0.5	5	ug/L
75-00-3	Chloroethane	46.2		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	48.3		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	49.8		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	47.3		0.47	0.5	5	ug/L
67-64-1	Acetone	190		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	43.2		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	51.6		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	53.9		0.2	2	5	ug/L
75-09-2	Methylene Chloride	47.8		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	50.5		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	49.7		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	47		0.2	0.5	5	ug/L
78-93-3	2-Butanone	260		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	48.2		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	50.7		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	57.1		0.2	0.5	5	ug/L
67-66-3	Chloroform	53.1		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	51.5		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	44.9		0.2	0.5	5	ug/L
71-43-2	Benzene	48.6		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	49.4		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	47.6		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	49.8		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	48.9		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	290		2.1	2.5	25	ug/L
108-88-3	Toluene	49.8		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	49.7		0.29	0.5	5	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021303.D	1		12/24/14 20:35	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	48.1		0.31	0.5	5	ug/L
79-00-5	1,1,2-Trichloroethane	53.5		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	260		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	50		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	51.6		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	47.9		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	48		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	48.8		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	99.4		0.95	1	10	ug/L
95-47-6	o-Xylene	50.2		0.43	0.5	5	ug/L
100-42-5	Styrene	47.8		0.36	0.5	5	ug/L
75-25-2	Bromoform	53.4		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	48.4		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.2		0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	48.5		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	48.3		0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	49.6		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	52.4		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	49.8		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	51.8		0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	1000		50	50	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.9		70 - 120		108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		85 - 115		107%	SPK: 50
2037-26-5	Toluene-d8	51.2		85 - 120		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		75 - 120		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1015720	7.87				
540-36-3	1,4-Difluorobenzene	1482650	8.78				
3114-55-4	Chlorobenzene-d5	1366280	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	694425	13.56				

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN021303.D	1		12/24/14 20:35	VN122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: MSVOA_N Calibration Date(s): 12/16/2014 12/16/2014

Heated Purge: (Y/N) N Calibration Time(s): 10:22 13:09

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN021044.D RRF005 = VN021045.D RRF020 = VN021046.D
RRF050 = VN021047.D RRF100 = VN021048.D RRF200 = VN021049.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.372	0.530	0.436	0.392	0.409	0.424	0.427	13
Chloromethane	0.428	0.475	0.391	0.374	0.376	0.413	0.410	9.4
Vinyl Chloride	0.380	0.477	0.415	0.400	0.405	0.421	0.416	7.9
Bromomethane	0.472	0.390	0.337	0.296	0.318	0.329	0.357	18.1
Chloroethane	0.284	0.307	0.269	0.252	0.259	0.269	0.273	7.2
Trichlorofluoromethane	0.685	0.836	0.667	0.630	0.645	0.666	0.688	10.9
1,1,2-Trichlorotrifluoroethane	0.402	0.485	0.422	0.388	0.405	0.423	0.421	8.1
1,1-Dichloroethene	0.399	0.471	0.387	0.384	0.377	0.402	0.403	8.5
Acetone	0.145	0.134	0.136	0.131	0.134	0.138	0.136	3.7
Carbon Disulfide	1.233	1.355	1.225	1.128	1.180	1.247	1.228	6.2
Methyl tert-butyl Ether	1.080	1.241	1.131	1.125	1.164	1.215	1.159	5.2
Methyl Acetate	0.595	0.755	0.687	0.688	0.724	0.762	0.702	8.7
Methylene Chloride	0.508	0.516	0.424	0.416	0.430	0.451	0.457	9.6
trans-1,2-Dichloroethene	0.390	0.494	0.440	0.420	0.427	0.446	0.436	7.9
1,1-Dichloroethane	0.728	0.875	0.753	0.700	0.721	0.749	0.754	8.2
Cyclohexane	1.315	0.863	0.720	0.665	0.695	0.703	0.827	30.1
2-Butanone	0.123	0.162	0.153	0.161	0.168	0.177	0.157	11.9
Carbon Tetrachloride	0.482	0.496	0.448	0.414	0.442	0.452	0.456	6.4
cis-1,2-Dichloroethene	0.467	0.543	0.490	0.467	0.482	0.496	0.491	5.7
Bromochloromethane	0.331	0.308	0.282	0.311	0.302	0.295	0.305	5.4
Chloroform	0.687	0.906	0.780	0.720	0.756	0.774	0.770	9.8
1,1,1-Trichloroethane	0.617	0.788	0.687	0.661	0.676	0.704	0.689	8.3
Methylcyclohexane	0.497	0.609	0.555	0.502	0.550	0.563	0.546	7.7
Benzene	1.105	1.485	1.267	1.161	1.235	1.258	1.252	10.4
1,2-Dichloroethane	0.403	0.455	0.429	0.396	0.418	0.426	0.421	4.9
Trichloroethene	0.344	0.424	0.375	0.332	0.358	0.367	0.367	8.7
1,2-Dichloropropane	0.296	0.339	0.307	0.286	0.302	0.308	0.306	5.8
Bromodichloromethane	0.405	0.505	0.428	0.393	0.421	0.428	0.430	9.1
4-Methyl-2-Pentanone	0.160	0.240	0.224	0.226	0.240	0.243	0.222	14.1
Toluene	0.679	0.931	0.835	0.762	0.831	0.840	0.813	10.5
t-1,3-Dichloropropene	0.330	0.491	0.447	0.415	0.467	0.482	0.439	13.6
cis-1,3-Dichloropropene	0.420	0.529	0.486	0.461	0.503	0.520	0.487	8.4
1,1,2-Trichloroethane	0.222	0.342	0.288	0.269	0.289	0.291	0.283	13.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: MSVOA_N Calibration Date(s): 12/16/2014 12/16/2014

Heated Purge: (Y/N) N Calibration Time(s): 10:22 13:09

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN021044.D RRF005 = VN021045.D RRF020 = VN021046.D
RRF050 = VN021047.D RRF100 = VN021048.D RRF200 = VN021049.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	$\overline{RRF}$	% RSD
2-Hexanone	0.097	0.155	0.151	0.157	0.170	0.166	0.149	17.8
Dibromochloromethane	0.328	0.404	0.356	0.336	0.354	0.361	0.357	7.4
1,2-Dibromoethane	0.256	0.336	0.294	0.285	0.301	0.306	0.296	8.8
Tetrachloroethene	0.282	0.397	0.383	0.339	0.364	0.368	0.356	11.5
Chlorobenzene	0.960	1.174	1.054	0.956	1.040	1.047	1.038	7.6
Ethyl Benzene	1.461	1.876	1.691	1.570	1.700	1.731	1.672	8.5
m/p-Xylenes	0.479	0.705	0.657	0.623	0.667	0.674	0.634	12.7
o-Xylene	0.439	0.684	0.625	0.606	0.647	0.651	0.609	14.3
Styrene	0.694	1.065	1.027	1.008	1.097	1.109	1.000	15.5
Bromoform	0.224	0.311	0.279	0.267	0.286	0.286	0.276	10.5
Isopropylbenzene	2.747	3.628	3.353	3.198	3.485	3.640	3.342	10.1
1,1,2,2-Tetrachloroethane	0.832	0.813	0.728	0.714	0.748	0.748	0.764	6.2
1,3-Dichlorobenzene	1.553	1.864	1.673	1.545	1.671	1.711	1.669	7
1,4-Dichlorobenzene	1.614	1.996	1.622	1.538	1.653	1.703	1.688	9.5
1,2-Dichlorobenzene	1.537	1.780	1.565	1.438	1.552	1.592	1.577	7.1
1,2-Dibromo-3-Chloropropane	0.127	0.124	0.111	0.119	0.127	0.139	0.124	7.5
1,2,4-Trichlorobenzene	0.928	0.918	0.924	0.912	1.028	1.142	0.975	9.5
1,2,3-Trichlorobenzene	0.786	0.781	0.848	0.807	0.918	1.038	0.863	11.6
1,2-Dichloroethane-d4	0.522	0.481	0.584	0.489	0.497	0.501	0.512	7.4
Dibromofluoromethane	0.293	0.291	0.346	0.283	0.294	0.294	0.300	7.6
Toluene-d8	1.183	1.160	1.368	1.131	1.188	1.196	1.204	7
4-Bromofluorobenzene	0.506	0.412	0.479	0.403	0.426	0.413	0.440	9.6
1,4-Dioxane	2.863	3.796	3.300	3.069	3.554	3.600	3.364	10.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: MSVOA_N Calibration Date/Time: 12/24/2014 10:03

Lab File ID: VN021283.D Init. Calib. Date(s): 12/16/2014 12/16/2014

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:22 13:09

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.427	0.384		-10.07	20
Chloromethane	0.410	0.368	0.1	-10.24	20
Vinyl Chloride	0.416	0.373		-10.34	20
Bromomethane	0.357	0.308		-13.73	20
Chloroethane	0.273	0.245		-10.26	20
Trichlorofluoromethane	0.688	0.659		-4.22	20
1,1,2-Trichlorotrifluoroethane	0.421	0.424		0.71	20
1,1-Dichloroethene	0.403	0.381		-5.46	20
Acetone	0.136	0.147		8.09	20
Carbon Disulfide	1.228	1.037		-15.55	20
Methyl tert-butyl Ether	1.159	1.141		-1.55	20
Methyl Acetate	0.702	0.712		1.42	20
Methylene Chloride	0.457	0.417		-8.75	20
trans-1,2-Dichloroethene	0.436	0.417		-4.36	20
1,1-Dichloroethane	0.754	0.725	0.1	-3.85	20
Cyclohexane	0.827	0.651		-21.28	20
2-Butanone	0.157	0.168		7.01	20
Carbon Tetrachloride	0.456	0.450		-1.32	20
cis-1,2-Dichloroethene	0.491	0.478		-2.65	20
Bromochloromethane	0.305	0.366		20	20
Chloroform	0.770	0.773		0.39	20
1,1,1-Trichloroethane	0.689	0.674		-2.18	20
Methylcyclohexane	0.546	0.522		-4.4	20
Benzene	1.252	1.248		-0.32	20
1,2-Dichloroethane	0.421	0.424		0.71	20
Trichloroethene	0.367	0.356		-3	20
1,2-Dichloropropane	0.306	0.310		1.31	20
Bromodichloromethane	0.430	0.426		-0.93	20
4-Methyl-2-Pentanone	0.222	0.243		9.46	20
Toluene	0.813	0.830		2.09	20
t-1,3-Dichloropropene	0.439	0.446		1.6	20
cis-1,3-Dichloropropene	0.487	0.503		3.29	20
1,1,2-Trichloroethane	0.283	0.299		5.65	20
2-Hexanone	0.149	0.173		16.11	20
Dibromochloromethane	0.357	0.362		1.4	20
1,2-Dibromoethane	0.296	0.304		2.7	20
Tetrachloroethene	0.356	0.354		-0.56	20
Chlorobenzene	1.038	1.032	0.3	-0.58	20
Ethyl Benzene	1.672	1.662		-0.6	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: MSVOA_N Calibration Date/Time: 12/24/2014 10:03

Lab File ID: VN021283.D Init. Calib. Date(s): 12/16/2014 12/16/2014

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:22 13:09

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.634	0.657		3.63	20
o-Xylene	0.609	0.623		2.3	20
Styrene	1.000	1.076		7.6	20
Bromoform	0.276	0.287	0.1	3.99	20
Isopropylbenzene	3.342	3.335		-0.21	20
1,1,2,2-Tetrachloroethane	0.764	0.761	0.3	-0.39	20
1,3-Dichlorobenzene	1.669	1.660		-0.54	20
1,4-Dichlorobenzene	1.688	1.666		-1.3	20
1,2-Dichlorobenzene	1.577	1.544		-2.09	20
1,2-Dibromo-3-Chloropropane	0.124	0.116		-6.45	20
1,2,4-Trichlorobenzene	0.975	0.955		-2.05	20
1,2,3-Trichlorobenzene	0.863	0.877		1.62	20
1,2-Dichloroethane-d4	0.512	0.546		6.64	20
Dibromofluoromethane	0.300	0.340		13.33	20
Toluene-d8	1.204	1.296		7.64	20
4-Bromofluorobenzene	0.440	0.475		7.95	20
1,4-Dioxane	3.364	3.478	0.05	3.39	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

LAB CHRONICLE

OrderID:	F5210	**OrderDate:**	12/22/2014 5:01:00 PM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	J63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F5210-01	**MW-1**	**Water**			**12/22/14**			**12/23/14**
			SVOC-TCL BNA -20	8270D		12/24/14	12/25/14	
F5210-02	**MW-2**	**Water**			**12/22/14**			**12/23/14**
			SVOC-TCL BNA -20	8270D		12/24/14	12/25/14	
F5210-05	**MW-3**	**Water**			**12/22/14**			**12/23/14**
			SVOC-TCL BNA -20	8270D		12/24/14	12/25/14	
F5210-06	**FD01**	**Water**			**12/22/14**			**12/23/14**
			SVOC-TCL BNA -20	8270D		12/24/14	12/25/14	
F5210-07	**EB01**	**Water**			**12/22/14**			**12/23/14**
			SVOC-TCL BNA -20	8270D		12/24/14	12/25/14	

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Hit Summary Sheet
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-1										
F5210-01	MW-1	WATER	Phenol		2.300	J	0.21	1	10	ug/L
F5210-01	MW-1	WATER	Dimethylphthalate		6.500	J	0.22	1	10	ug/L
			Total Svoc :			**8.80**				
F5210-01	MW-1	WATER	Tritetracontane	*	2.300	J	0		0	ug/L
F5210-01	MW-1	WATER	unknown12.77	*	2.300	J	0		0	ug/L
F5210-01	MW-1	WATER	unknown19.07	*	3.400	J	0		0	ug/L
F5210-01	MW-1	WATER	unknown6.62	*	71.900	JB	0		0	ug/L
F5210-01	MW-1	WATER	Ethanol, 1-methoxy-, benzoate	*	4.500	J	0		0	ug/L
F5210-01	MW-1	WATER	Ethosuximide	*	2.300	J	0		0	ug/L
F5210-01	MW-1	WATER	Guanidine	*	36.100	J	0		0	ug/L
F5210-01	MW-1	WATER	Heneicosane	*	2.300	J	0		0	ug/L
F5210-01	MW-1	WATER	Heptacosane	*	2.200	J	0		0	ug/L
F5210-01	MW-1	WATER	Methoxyacetic acid, 2-tetradecyl e	*	2.700	J	0		0	ug/L
F5210-01	MW-1	WATER	Pentadecane, 2,6,10-trimethyl-	*	2.200	J	0		0	ug/L
F5210-01	MW-1	WATER	1-Octadecanol	*	2.500	J	0		0	ug/L
F5210-01	MW-1	WATER	2-Propenoic acid, (1-methyl-1,2-et	*	5.700	J	0		0	ug/L
F5210-01	MW-1	WATER	5-Eicosene, (E)-	*	14.200	J	0		0	ug/L
F5210-01	MW-1	WATER	Benzophenone	*	11.400	J	0		0	ug/L
F5210-01	MW-1	WATER	Butane, 2-methoxy-2-methyl-	*	77.800	J	0		0	ug/L
			Total Tics :			**243.80**				
			Total Concentration:			**252.60**				
Client ID : MW-2										
F5210-02	MW-2	WATER	Dimethylphthalate		4.500	J	0.22	1	10.1	ug/L
			Total Svoc :			**4.50**				
F5210-02	MW-2	WATER	Hexadecanoic acid, butyl ester	*	4.000	J	0		0	ug/L
F5210-02	MW-2	WATER	Octadecanoic acid, butyl ester	*	3.300	J	0		0	ug/L
F5210-02	MW-2	WATER	unknown10.04	*	2.300	J	0		0	ug/L
F5210-02	MW-2	WATER	unknown12.77	*	5.900	J	0		0	ug/L
F5210-02	MW-2	WATER	unknown6.62	*	80.200	JB	0		0	ug/L
F5210-02	MW-2	WATER	Benzophenone	*	7.200	J	0		0	ug/L
F5210-02	MW-2	WATER	Butane, 2-methoxy-2-methyl-	*	94.600	J	0		0	ug/L
F5210-02	MW-2	WATER	1-Docosene	*	4.900	J	0		0	ug/L
F5210-02	MW-2	WATER	2-Pentanone, 4-hydroxy-4-methyl-	*	7.500	AB	0		0	ug/L
F5210-02	MW-2	WATER	2-Propenoic acid, (1-methyl-1,2-et	*	4.900	J	0		0	ug/L
			Total Tics :			**214.80**				
			Total Concentration:			**219.30**				
Client ID : MW-3										
F5210-05	MW-3	WATER	2-Pentanone, 4-hydroxy-4-methyl-	*	11.600	AB	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
F5210-05	MW-3	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0		0	ug/L
F5210-05	MW-3	WATER	unknown6.62	*	89.700	JB	0		0	ug/L
			Total Tics :		**211.30**					
			Total Concentration:		**211.30**					
Client ID : FD01										
F5210-06	FD01	WATER	2-Pentanone, 4-hydroxy-4-methyl-	*	8.000	AB	0		0	ug/L
F5210-06	FD01	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0		0	ug/L
F5210-06	FD01	WATER	unknown19.45	*	2.800	J	0		0	ug/L
F5210-06	FD01	WATER	unknown21.24	*	2.100	J	0		0	ug/L
F5210-06	FD01	WATER	unknown6.62	*	80.700	JB	0		0	ug/L
			Total Tics :		**203.60**					
			Total Concentration:		**203.60**					
Client ID : EB01										
F5210-07	EB01	WATER	Acetophenone		2.200	J	0.14	1	10.2	ug/L
			Total Svoc :		**2.20**					
F5210-07	EB01	WATER	.beta.(p-Methoxyphenyl)propionitri	*	10.100	J	0		0	ug/L
F5210-07	EB01	WATER	2-Pentanone, 4-hydroxy-4-methyl-	*	6.400	AB	0		0	ug/L
F5210-07	EB01	WATER	2-Propen-1-ol, 3-phenyl-	*	7.300	J	0		0	ug/L
F5210-07	EB01	WATER	9-Methoxybicyclo[6.1.0]nona-2,4,6	*	6.100	J	0		0	ug/L
F5210-07	EB01	WATER	Butane, 2-methoxy-2-methyl-	*	90.400	J	0		0	ug/L
F5210-07	EB01	WATER	unknown10.07	*	55.200	J	0		0	ug/L
F5210-07	EB01	WATER	unknown10.44	*	22.700	J	0		0	ug/L
F5210-07	EB01	WATER	unknown10.83	*	13.600	J	0		0	ug/L
F5210-07	EB01	WATER	unknown11.36	*	4.200	J	0		0	ug/L
F5210-07	EB01	WATER	unknown11.44	*	47.500	J	0		0	ug/L
F5210-07	EB01	WATER	unknown13.02	*	4.100	J	0		0	ug/L
F5210-07	EB01	WATER	unknown6.62	*	71.400	JB	0		0	ug/L
			Total Tics :		**339.00**					
			Total Concentration:		**341.20**					

SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076567.D	1	12/24/14 08:00	12/25/14 14:01	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	UQ	0.77	1	10	ug/L
108-95-2	Phenol	2.3	J	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	6.5	J	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076567.D	1	12/24/14 08:00	12/25/14 14:01	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076567.D	1	12/24/14 08:00	12/25/14 14:01	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.6		10 - 130		34%	SPK: 150
13127-88-3	Phenol-d6	30.4		10 - 130		20%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		36 - 131		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.9		39 - 131		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		25 - 155		83%	SPK: 150
1718-51-0	Terphenyl-d14	67.1		23 - 130		67%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43905	6.92				
1146-65-2	Naphthalene-d8	181694	8.49				
15067-26-2	Acenaphthene-d10	97846	10.65				
1517-22-2	Phenanthrene-d10	167360	12.47				
1719-03-5	Chrysene-d12	167643	15.72				
1520-96-3	Perylene-d12	150649	17.36				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	77.8	J			1.26	ug/L
000113-00-8	Guanidine	36.1	J			4.54	ug/L
	unknown6.62	71.9	JB			6.62	ug/L
051835-44-0	Ethanol, 1-methoxy-, benzoate	4.5	J			9.21	ug/L
000119-61-9	Benzophenone	11.4	J			11.56	ug/L
042978-66-5	2-Propenoic acid, (1-methyl-1,2-et	5.7	J			12.12	ug/L
000077-67-8	Ethosuximide	2.3	J			12.55	ug/L
	unknown12.77	2.3	J			12.77	ug/L
074685-30-6	5-Eicosene, (E)-	14.2	J			15.65	ug/L
007098-21-7	Tritetracontane	2.3	J			16.06	ug/L
1000282-04-8	Methoxyacetic acid, 2-tetradecyl e	2.7	J			16.44	ug/L
000629-94-7	Heneicosane	2.3	J			16.81	ug/L
000593-49-7	Heptacosane	2.2	J			17.18	ug/L
003892-00-0	Pentadecane, 2,6,10-trimethyl-	2.2	J			17.9	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076567.D	1	12/24/14 08:00	12/25/14 14:01	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-92-5	1-Octadecanol	2.5	J			17.95	ug/L
	unknown19.07	3.4	J			19.07	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076572.D	1	12/24/14 08:00	12/25/14 16:24	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.1	UQ	0.78	1	10.1	ug/L
108-95-2	Phenol	10.1	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.1	U	0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	10.1	U	0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	10.1	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.1	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	10.1	U	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.1	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	10.1	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	10.1	U	0.69	1	10.1	ug/L
78-59-1	Isophorone	10.1	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	10.1	U	0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	10.1	U	0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1	U	0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	10.1	U	0.67	1	10.1	ug/L
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	10.1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	10.1	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	10.1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	10.1	U	0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	10.1	U	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	10.1	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	10.1	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	4.5	J	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	10.1	U	0.32	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076572.D	1	12/24/14 08:00	12/25/14 16:24	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	10.1	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	10.1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	10.1	U	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	10.1	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	10.1	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	10.1	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	10.1	U	1	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	10.1	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	10.1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	10.1	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.1	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076572.D	1	12/24/14 08:00	12/25/14 16:24	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.1	U	0.2	1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.1	U	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.9		10 - 130		39%	SPK: 150
13127-88-3	Phenol-d6	34.1		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.4		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	85		39 - 131		85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		92%	SPK: 150
1718-51-0	Terphenyl-d14	79		23 - 130		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42173	6.92				
1146-65-2	Naphthalene-d8	186919	8.49				
15067-26-2	Acenaphthene-d10	99959	10.65				
1517-22-2	Phenanthrene-d10	172069	12.47				
1719-03-5	Chrysene-d12	166809	15.72				
1520-96-3	Perylene-d12	151509	17.41				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	94.6	J			1.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.5	AB			4.54	ug/L
	unknown6.62	80.2	JB			6.62	ug/L
	unknown10.04	2.3	J			10.04	ug/L
000119-61-9	Benzophenone	7.2	J			11.56	ug/L
042978-66-5	2-Propenoic acid, (1-methyl-1,2-et	4.9	J			12.12	ug/L
	unknown12.77	5.9	J			12.77	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	4	J			14.32	ug/L
000123-95-5	Octadecanoic acid, butyl ester	3.3	J			15.19	ug/L
001599-67-3	1-Docosene	4.9	J			15.65	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076572.D	1	12/24/14 08:00	12/25/14 16:24	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076569.D	1	12/24/14 08:00	12/25/14 14:58	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	UQ	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	10	U	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076569.D	1	12/24/14 08:00	12/25/14 14:58	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076569.D	1	12/24/14 08:00	12/25/14 14:58	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	75.2		10 - 130		50%	SPK: 150
13127-88-3	Phenol-d6	47		10 - 130		31%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.9		36 - 131		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.9		39 - 131		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		25 - 155		98%	SPK: 150
1718-51-0	Terphenyl-d14	70.8		23 - 130		71%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40950	6.92				
1146-65-2	Naphthalene-d8	179469	8.49				
15067-26-2	Acenaphthene-d10	93499	10.65				
1517-22-2	Phenanthrene-d10	162187	12.47				
1719-03-5	Chrysene-d12	178158	15.72				
1520-96-3	Perylene-d12	157714	17.37				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			1.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	11.6	AB			4.54	ug/L
	unknown6.62	89.7	JB			6.62	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076568.D	1	12/24/14 08:00	12/25/14 14:29	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.1	UQ	0.78	1	10.1	ug/L
108-95-2	Phenol	10.1	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.1	U	0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	10.1	U	0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	10.1	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.1	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	10.1	U	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.1	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	10.1	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	10.1	U	0.69	1	10.1	ug/L
78-59-1	Isophorone	10.1	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	10.1	U	0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	10.1	U	0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1	U	0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	10.1	U	0.67	1	10.1	ug/L
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	10.1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	10.1	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	10.1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	10.1	U	0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	10.1	U	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	10.1	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	10.1	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	10.1	U	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	10.1	U	0.32	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076568.D	1	12/24/14 08:00	12/25/14 14:29	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	10.1	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	10.1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	10.1	U	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	10.1	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	10.1	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	10.1	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	10.1	U	1	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	10.1	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	10.1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	10.1	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.1	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076568.D	1	12/24/14 08:00	12/25/14 14:29	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.1	U	0.2	1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.1	U	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.4		10 - 130		40%	SPK: 150
13127-88-3	Phenol-d6	35.5		10 - 130		24%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.1		36 - 131		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	85		39 - 131		85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		96%	SPK: 150
1718-51-0	Terphenyl-d14	77.3		23 - 130		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45424	6.92				
1146-65-2	Naphthalene-d8	187341	8.49				
15067-26-2	Acenaphthene-d10	107512	10.65				
1517-22-2	Phenanthrene-d10	185720	12.47				
1719-03-5	Chrysene-d12	187121	15.72				
1520-96-3	Perylene-d12	168714	17.36				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			1.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8	AB			4.54	ug/L
	unknown6.62	80.7	JB			6.62	ug/L
	unknown19.45	2.8	J			19.45	ug/L
	unknown21.24	2.1	J			21.24	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076570.D	1	12/24/14 08:00	12/25/14 15:27	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.2	UQ	0.79	1	10.2	ug/L
108-95-2	Phenol	10.2	U	0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.2	U	0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	10.2	U	0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	10.2	U	0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.2	U	0.17	1	10.2	ug/L
98-86-2	Acetophenone	2.2	J	0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.2	U	0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	10.2	U	0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	10.2	U	0.69	1	10.2	ug/L
78-59-1	Isophorone	10.2	U	0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	10.2	U	0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	10.2	U	0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	10.2	U	0.67	1	10.2	ug/L
91-20-3	Naphthalene	10.2	U	0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	10.2	U	1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	10.2	U	0.26	1	10.2	ug/L
105-60-2	Caprolactam	10.2	U	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	10.2	U	0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	10.2	U	0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	10.2	U	0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	10.2	U	0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	10.2	U	0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	10.2	U	0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	10.2	U	0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	10.2	U	0.33	1	10.2	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076570.D	1	12/24/14 08:00	12/25/14 15:27	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.2	U	1	1	10.2	ug/L
83-32-9	Acenaphthene	10.2	U	0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	10.2	U	0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	10.2	U	1	1	10.2	ug/L
84-66-2	Diethylphthalate	10.2	U	0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.21	1	10.2	ug/L
86-73-7	Fluorene	10.2	U	0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	10.2	U	1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	10.2	U	0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	10.2	U	0.18	1	10.2	ug/L
1912-24-9	Atrazine	10.2	U	0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	10.2	U	1	1	10.2	ug/L
85-01-8	Phenanthrene	10.2	U	0.27	1	10.2	ug/L
120-12-7	Anthracene	10.2	U	0.16	1	10.2	ug/L
86-74-8	Carbazole	10.2	U	0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	10.2	U	1	1	10.2	ug/L
206-44-0	Fluoranthene	10.2	U	0.41	1	10.2	ug/L
129-00-0	Pyrene	10.2	U	0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	10.2	U	0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	10.2	U	0.16	1	10.2	ug/L
218-01-9	Chrysene	10.2	U	0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.2	U	0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	10.2	U	0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	10.2	U	0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	10.2	U	0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.2	U	0.43	1	10.2	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076570.D	1	12/24/14 08:00	12/25/14 15:27	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.2	U	0.2	1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.2	U	0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47		10 - 130		31%	SPK: 150
13127-88-3	Phenol-d6	27.1		10 - 130		18%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.8		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		39 - 131		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		90%	SPK: 150
1718-51-0	Terphenyl-d14	81.7		23 - 130		82%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47786	6.92				
1146-65-2	Naphthalene-d8	192292	8.49				
15067-26-2	Acenaphthene-d10	110112	10.65				
1517-22-2	Phenanthrene-d10	187799	12.47				
1719-03-5	Chrysene-d12	196524	15.72				
1520-96-3	Perylene-d12	174639	17.35				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	90.4	J			1.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.4	AB			4.54	ug/L
	unknown6.62	71.4	JB			6.62	ug/L
000826-14-2	9-Methoxybicyclo[6.1.0]nona-2,4,6-	6.1	J			9.1	ug/L
000104-54-1	2-Propen-1-ol, 3-phenyl-	7.3	J			9.4	ug/L
	unknown10.07	55.2	J			10.07	ug/L
	unknown10.44	22.7	J			10.44	ug/L
022442-48-4	.beta.(p-Methoxyphenyl)propionitri	10.1	J			10.71	ug/L
	unknown10.83	13.6	J			10.83	ug/L
	unknown11.36	4.2	J			11.36	ug/L
	unknown11.44	47.5	J			11.44	ug/L
	unknown13.02	4.1	J			13.02	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076570.D	1	12/24/14 08:00	12/25/14 15:27	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
F5210-01	MW-1	2-Fluorophenol	150	50.64	34		10	130
		Phenol-d6	150	30.40	20		10	130
		Nitrobenzene-d5	100	77.28	77		36	131
		2-Fluorobiphenyl	100	78.87	79		39	131
		2,4,6-Tribromophenol	150	123.99	83		25	155
		Terphenyl-d14	100	67.11	67		23	130
F5210-02	MW-2	2-Fluorophenol	150	57.90	39		10	130
		Phenol-d6	150	34.13	23		10	130
		Nitrobenzene-d5	100	82.35	82		36	131
		2-Fluorobiphenyl	100	85.03	85		39	131
		2,4,6-Tribromophenol	150	138.12	92		25	155
		Terphenyl-d14	100	79.01	79		23	130
F5210-03MS	MW-2MS	2-Fluorophenol	150	67.04	45		20	110
		Phenol-d6	150	43.92	29		10	160
		Nitrobenzene-d5	100	92.00	92		40	110
		2-Fluorobiphenyl	100	85.49	85		50	110
		2,4,6-Tribromophenol	150	142.65	95		40	125
		Terphenyl-d14	100	77.07	77		50	135
F5210-04MSD	MW-2MSD	2-Fluorophenol	150	71.08	47		20	110
		Phenol-d6	150	47.87	32		10	160
		Nitrobenzene-d5	100	85.29	85		40	110
		2-Fluorobiphenyl	100	80.47	80		50	110
		2,4,6-Tribromophenol	150	138.01	92		40	125
		Terphenyl-d14	100	73.67	74		50	135
F5210-05	MW-3	2-Fluorophenol	150	75.24	50		10	130
		Phenol-d6	150	47.03	31		10	130
		Nitrobenzene-d5	100	84.89	85		36	131
		2-Fluorobiphenyl	100	90.91	91		39	131
		2,4,6-Tribromophenol	150	146.67	98		25	155
		Terphenyl-d14	100	70.78	71		23	130
F5210-06	FD01	2-Fluorophenol	150	59.42	40		10	130
		Phenol-d6	150	35.47	24		10	130
		Nitrobenzene-d5	100	86.14	86		36	131
		2-Fluorobiphenyl	100	85.04	85		39	131
		2,4,6-Tribromophenol	150	144.11	96		25	155
		Terphenyl-d14	100	77.31	77		23	130
F5210-07	EB01	2-Fluorophenol	150	46.98	31		10	130
		Phenol-d6	150	27.06	18		10	130
		Nitrobenzene-d5	100	81.83	82		36	131
		2-Fluorobiphenyl	100	80.16	80		39	131
		2,4,6-Tribromophenol	150	135.21	90		25	155
		Terphenyl-d14	100	81.66	82		23	130
PB81070BL	PB81070BL	2-Fluorophenol	150	125.77	84		20	110
		Phenol-d6	150	124.51	83		10	160
		Nitrobenzene-d5	100	73.42	73		40	110
		2-Fluorobiphenyl	100	76.91	77		50	110
		2,4,6-Tribromophenol	150	127.62	85		40	125
		Terphenyl-d14	100	73.12	73		50	135
PB81070BS	PB81070BS	2-Fluorophenol	150	117.80	79		20	110
		Phenol-d6	150	114.39	76		10	160
		Nitrobenzene-d5	100	80.09	80		40	110
		2-Fluorobiphenyl	100	70.92	71		50	110

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Surrogate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB81070BS	PB81070BS	2,4,6-Tribromophenol	150	121.63	81		40	125
		Terphenyl-d14	100	69.92	70		50	135

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: F5210-03MS		**Client Sample ID: MW-2MS**						**DataFile: BF076573.D**			
Benzaldehyde	51	0	1.8	ug/L	4	*			10	161	
Phenol	51	0	15.9	ug/L	31				10	132	
bis(2-Chloroethyl)ether	51	0	51.4	ug/L	101				35	110	
2-Chlorophenol	51	0	39.2	ug/L	77				35	105	
2-Methylphenol	51	0	32.5	ug/L	64				40	110	
2,2-oxybis(1-Chloropropane)	51	0	48.3	ug/L	95				46	118	
Acetophenone	51	0	53.7	ug/L	105				57	116	
3+4-Methylphenols	51	0	28.6	ug/L	56				30	110	
N-Nitroso-di-n-propylamine	51	0	44.4	ug/L	87				35	130	
Hexachloroethane	51	0	44	ug/L	86				30	100	
Nitrobenzene	51	0	52.1	ug/L	102				45	110	
Isophorone	51	0	48.8	ug/L	96				50	110	
2-Nitrophenol	51	0	46.5	ug/L	91				40	115	
2,4-Dimethylphenol	51	0	43.4	ug/L	85				30	110	
bis(2-Chloroethoxy)methane	51	0	51.8	ug/L	102				45	105	
2,4-Dichlorophenol	51	0	43.6	ug/L	85				50	105	
Naphthalene	51	0	46.3	ug/L	91				40	100	
4-Chloroaniline	51	0	14.8	ug/L	29				15	110	
Hexachlorobutadiene	51	0	43.3	ug/L	85				25	105	
Caprolactam	51	0	8.1	ug/L	16				10	161	
4-Chloro-3-methylphenol	51	0	41.1	ug/L	81				45	110	
2-Methylnaphthalene	51	0	45.7	ug/L	90				45	105	
Hexachlorocyclopentadiene	100	0	81.3	ug/L	81				10	155	
2,4,6-Trichlorophenol	51	0	47.2	ug/L	93				50	115	
2,4,5-Trichlorophenol	51	0	44.8	ug/L	88				50	110	
1,1-Biphenyl	51	0	51.9	ug/L	102				58	115	
2-Chloronaphthalene	51	0	50.3	ug/L	99				50	105	
2-Nitroaniline	51	0	56.2	ug/L	110				50	115	
Dimethylphthalate	51	4.5	55.6	ug/L	100				25	125	
Acenaphthylene	51	0	49.1	ug/L	96				50	105	
2,6-Dinitrotoluene	51	0	51.1	ug/L	100				50	115	
3-Nitroaniline	51	0	23.2	ug/L	45				20	125	
Acenaphthene	51	0	48.5	ug/L	95				45	110	
2,4-Dinitrophenol	100	0	74.6	ug/L	75				15	140	
4-Nitrophenol	100	0	39.2	ug/L	39				10	161	
Dibenzofuran	51	0	49.2	ug/L	96				55	105	
2,4-Dinitrotoluene	51	0	57.8	ug/L	113				50	120	
Diethylphthalate	51	0	55.4	ug/L	109				40	120	
4-Chlorophenyl-phenylether	51	0	52.6	ug/L	103				50	110	
Fluorene	51	0	52.9	ug/L	104				50	110	
4-Nitroaniline	51	0	44.6	ug/L	87				35	120	
4,6-Dinitro-2-methylphenol	51	0	39.8	ug/L	78				40	130	
N-Nitrosodiphenylamine	51	0	48.3	ug/L	95				50	110	
4-Bromophenyl-phenylether	51	0	55.2	ug/L	108				50	115	
Hexachlorobenzene	51	0	49.3	ug/L	97				50	110	
Atrazine	51	0	50.7	ug/L	99				61	132	
Pentachlorophenol	100	0	99.9	ug/L	100				40	115	

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Phenanthrene	51	0	49.4	ug/L	97				50	115	
Anthracene	51	0	50.6	ug/L	99				55	110	
Carbazole	51	0	50	ug/L	98				50	115	
Di-n-butylphthalate	51	0	52.3	ug/L	103				55	115	
Fluoranthene	51	0	51.8	ug/L	102				55	115	
Pyrene	51	0	46.3	ug/L	91				50	130	
Butylbenzylphthalate	51	0	52.6	ug/L	103				45	115	
3,3-Dichlorobenzidine	51	0	25.5	ug/L	50				20	110	
Benzo(a)anthracene	51	0	48.4	ug/L	95				55	110	
Chrysene	51	0	50.7	ug/L	99				55	110	
bis(2-Ethylhexyl)phthalate	51	0	49.4	ug/L	97				40	125	
Di-n-octyl phthalate	51	0	50.8	ug/L	100				35	135	
Benzo(b)fluoranthene	51	0	47.6	ug/L	93				45	120	
Benzo(k)fluoranthene	51	0	51.6	ug/L	101				45	125	
Benzo(a)pyrene	51	0	49.6	ug/L	97				55	110	
Indeno(1,2,3-cd)pyrene	51	0	50.8	ug/L	100				45	125	
Dibenz(a,h)anthracene	51	0	50.4	ug/L	99				40	125	
Benzo(g,h,i)perylene	51	0	51.6	ug/L	101				40	125	
1,2,4,5-Tetrachlorobenzene	51	0	50.5	ug/L	99				70	130	
2,3,4,6-Tetrachlorophenol	51	0	53.8	ug/L	105				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: F5210-04MSD		**Client Sample ID: MW-2MSD**						**DataFile: BF076574.D**			
Benzaldehyde	50.5	0	1.5	ug/L	3	*	29	*	10	161	20
Phenol	50.5	0	16.8	ug/L	33		6		10	132	20
bis(2-Chloroethyl)ether	50.5	0	50.1	ug/L	99		2		35	110	20
2-Chlorophenol	50.5	0	39	ug/L	77		0		35	105	20
2-Methylphenol	50.5	0	33	ug/L	65		2		40	110	20
2,2-oxybis(1-Chloropropane)	50.5	0	48.1	ug/L	95		0		46	118	20
Acetophenone	50.5	0	50.1	ug/L	99		6		57	116	20
3+4-Methylphenols	50.5	0	28.1	ug/L	56		0		30	110	20
N-Nitroso-di-n-propylamine	50.5	0	44.1	ug/L	87		0		35	130	20
Hexachloroethane	50.5	0	42.9	ug/L	85		1		30	100	20
Nitrobenzene	50.5	0	49.3	ug/L	98		4		45	110	20
Isophorone	50.5	0	45.5	ug/L	90		6		50	110	20
2-Nitrophenol	50.5	0	45	ug/L	89		2		40	115	20
2,4-Dimethylphenol	50.5	0	41.6	ug/L	82		4		30	110	20
bis(2-Chloroethoxy)methane	50.5	0	50.6	ug/L	100		2		45	105	20
2,4-Dichlorophenol	50.5	0	42.7	ug/L	85		0		50	105	20
Naphthalene	50.5	0	43.5	ug/L	86		6		40	100	20
4-Chloroaniline	50.5	0	12	ug/L	24		19		15	110	20
Hexachlorobutadiene	50.5	0	42.6	ug/L	84		1		25	105	20
Caprolactam	50.5	0	7.8	ug/L	15		6		10	161	20
4-Chloro-3-methylphenol	50.5	0	38.4	ug/L	76		6		45	110	20
2-Methylnaphthalene	50.5	0	43.8	ug/L	87		3		45	105	20
Hexachlorocyclopentadiene	100	0	74.8	ug/L	75		8		10	155	20
2,4,6-Trichlorophenol	50.5	0	43.5	ug/L	86		8		50	115	20
2,4,5-Trichlorophenol	50.5	0	41.8	ug/L	83		6		50	110	20
1,1-Biphenyl	50.5	0	46.4	ug/L	92		10		58	115	20
2-Chloronaphthalene	50.5	0	47	ug/L	93		6		50	105	20
2-Nitroaniline	50.5	0	51.4	ug/L	102		8		50	115	20
Dimethylphthalate	50.5	4.5	54.1	ug/L	98		2		25	125	20
Acenaphthylene	50.5	0	43.7	ug/L	87		10		50	105	20
2,6-Dinitrotoluene	50.5	0	48.3	ug/L	96		4		50	115	20
3-Nitroaniline	50.5	0	22.1	ug/L	44		2		20	125	20
Acenaphthene	50.5	0	43.7	ug/L	87		9		45	110	20
2,4-Dinitrophenol	100	0	71.8	ug/L	72		4		15	140	20
4-Nitrophenol	100	0	39.2	ug/L	39		0		10	161	20
Dibenzofuran	50.5	0	46.4	ug/L	92		4		55	105	20
2,4-Dinitrotoluene	50.5	0	51.4	ug/L	102		10		50	120	20
Diethylphthalate	50.5	0	50.9	ug/L	101		8		40	120	20
4-Chlorophenyl-phenylether	50.5	0	47.3	ug/L	94		9		50	110	20
Fluorene	50.5	0	48.2	ug/L	95		9		50	110	20
4-Nitroaniline	50.5	0	42.8	ug/L	85		2		35	120	20
4,6-Dinitro-2-methylphenol	50.5	0	41.1	ug/L	81		4		40	130	20
N-Nitrosodiphenylamine	50.5	0	47.8	ug/L	95		0		50	110	20
4-Bromophenyl-phenylether	50.5	0	52.3	ug/L	104		4		50	115	20
Hexachlorobenzene	50.5	0	50.3	ug/L	100		3		50	110	20
Atrazine	50.5	0	49.4	ug/L	98		1		61	132	20
Pentachlorophenol	100	0	98.5	ug/L	99		1		40	115	20

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Phenanthrene	50.5	0	48.4	ug/L	96		1		50	115	20
Anthracene	50.5	0	50.7	ug/L	100		1		55	110	20
Carbazole	50.5	0	50.1	ug/L	99		1		50	115	20
Di-n-butylphthalate	50.5	0	52	ug/L	103		0		55	115	20
Fluoranthene	50.5	0	51.3	ug/L	102		0		55	115	20
Pyrene	50.5	0	46	ug/L	91		0		50	130	20
Butylbenzylphthalate	50.5	0	49.7	ug/L	98		5		45	115	20
3,3-Dichlorobenzidine	50.5	0	29.5	ug/L	58		15		20	110	20
Benzo(a)anthracene	50.5	0	46.5	ug/L	92		3		55	110	20
Chrysene	50.5	0	48.9	ug/L	97		2		55	110	20
bis(2-Ethylhexyl)phthalate	50.5	0	48.1	ug/L	95		2		40	125	20
Di-n-octyl phthalate	50.5	0	49.1	ug/L	97		3		35	135	20
Benzo(b)fluoranthene	50.5	0	50.9	ug/L	101		8		45	120	20
Benzo(k)fluoranthene	50.5	0	46.6	ug/L	92		9		45	125	20
Benzo(a)pyrene	50.5	0	50.8	ug/L	101		4		55	110	20
Indeno(1,2,3-cd)pyrene	50.5	0	47.6	ug/L	94		6		45	125	20
Dibenz(a,h)anthracene	50.5	0	49.8	ug/L	99		0		40	125	20
Benzo(g,h,i)perylene	50.5	0	52.1	ug/L	103		2		40	125	20
1,2,4,5-Tetrachlorobenzene	50.5	0	47.8	ug/L	95		4		70	130	20
2,3,4,6-Tetrachlorophenol	50.5	0	47.2	ug/L	93		12		70	130	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076562.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB81070BS	Benzaldehyde	50	1.2	ug/L	2		*		10	161	
	Phenol	50	36.8	ug/L	74				10	132	
	bis(2-Chloroethyl)ether	50	41.3	ug/L	83				35	110	
	2-Chlorophenol	50	39.4	ug/L	79				35	105	
	2-Methylphenol	50	39.1	ug/L	78				40	110	
	2,2-oxybis(1-Chloropropane)	50	39.8	ug/L	80				46	118	
	Acetophenone	50	45.5	ug/L	91				57	116	
	3+4-Methylphenols	50	37.1	ug/L	74				30	110	
	N-Nitroso-di-n-propylamine	50	36.7	ug/L	73				35	130	
	Hexachloroethane	50	39.3	ug/L	79				30	100	
	Nitrobenzene	50	42.6	ug/L	85				45	110	
	Isophorone	50	40.7	ug/L	81				50	110	
	2-Nitrophenol	50	40.3	ug/L	81				40	115	
	2,4-Dimethylphenol	50	43.8	ug/L	88				30	110	
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87				45	105	
	2,4-Dichlorophenol	50	41.2	ug/L	82				50	105	
	Naphthalene	50	41.2	ug/L	82				40	100	
	4-Chloroaniline	50	19.9	ug/L	40				15	110	
	Hexachlorobutadiene	50	42	ug/L	84				25	105	
	Caprolactam	50	44.7	ug/L	89				10	161	
	4-Chloro-3-methylphenol	50	43.3	ug/L	87				45	110	
	2-Methylnaphthalene	50	39.9	ug/L	80				45	105	
	Hexachlorocyclopentadiene	100	75.4	ug/L	75				10	155	
	2,4,6-Trichlorophenol	50	38.5	ug/L	77				50	115	
	2,4,5-Trichlorophenol	50	36.6	ug/L	73				50	110	
	1,1-Biphenyl	50	42.5	ug/L	85				58	115	
	2-Chloronaphthalene	50	42	ug/L	84				50	105	
	2-Nitroaniline	50	44.4	ug/L	89				50	115	
	Dimethylphthalate	50	42.9	ug/L	86				25	125	
	Acenaphthylene	50	39.7	ug/L	79				50	105	
	2,6-Dinitrotoluene	50	41.9	ug/L	84				50	115	
	3-Nitroaniline	50	27.5	ug/L	55				20	125	
	Acenaphthene	50	38.6	ug/L	77				45	110	
	2,4-Dinitrophenol	100	62.7	ug/L	63				15	140	
	4-Nitrophenol	100	74.6	ug/L	75				10	161	
	Dibenzofuran	50	40.1	ug/L	80				55	105	
	2,4-Dinitrotoluene	50	45.4	ug/L	91				50	120	
	Diethylphthalate	50	43.6	ug/L	87				40	120	
	4-Chlorophenyl-phenylether	50	43.4	ug/L	87				50	110	
	Fluorene	50	42	ug/L	84				50	110	
	4-Nitroaniline	50	38.5	ug/L	77				35	120	
	4,6-Dinitro-2-methylphenol	50	34.1	ug/L	68				40	130	
	N-Nitrosodiphenylamine	50	40.4	ug/L	81				50	110	
	4-Bromophenyl-phenylether	50	44.4	ug/L	89				50	115	
	Hexachlorobenzene	50	41	ug/L	82				50	110	
	Atrazine	50	43.3	ug/L	87				61	132	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8270D **DataFile:** BF076562.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB81070BS	Pentachlorophenol	100	89.3	ug/L	89				40	115	
	Phenanthrene	50	40.9	ug/L	82				50	115	
	Anthracene	50	41.7	ug/L	83				55	110	
	Carbazole	50	41.2	ug/L	82				50	115	
	Di-n-butylphthalate	50	42.7	ug/L	85				55	115	
	Fluoranthene	50	41.9	ug/L	84				55	115	
	Pyrene	50	38.5	ug/L	77				50	130	
	Butylbenzylphthalate	50	42.2	ug/L	84				45	115	
	3,3-Dichlorobenzidine	50	24.3	ug/L	49				20	110	
	Benzo(a)anthracene	50	40.3	ug/L	81				55	110	
	Chrysene	50	41.1	ug/L	82				55	110	
	bis(2-Ethylhexyl)phthalate	50	38.9	ug/L	78				40	125	
	Di-n-octyl phthalate	50	39.2	ug/L	78				35	135	
	Benzo(b)fluoranthene	50	40.8	ug/L	82				45	120	
	Benzo(k)fluoranthene	50	42.5	ug/L	85				45	125	
	Benzo(a)pyrene	50	42	ug/L	84				55	110	
	Indeno(1,2,3-cd)pyrene	50	41.3	ug/L	83				45	125	
	Dibenz(a,h)anthracene	50	41.4	ug/L	83				40	125	
	Benzo(g,h,i)perylene	50	43.3	ug/L	87				40	125	
	1,2,4,5-Tetrachlorobenzene	50	42.5	ug/L	85				70	130	
	2,3,4,6-Tetrachlorophenol	50	44.4	ug/L	89				70	130	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB81070BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab File ID: BF076561.D Lab Sample ID: PB81070BL

Instrument ID: BNA_F Date Extracted: 12/24/2014

Matrix: (soil/water) Water Date Analyzed: 12/25/2014

Level: (low/med) LOW Time Analyzed: 10:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB81070BS	PB81070BS	BF076562.D	12/25/2014
EB01	F5210-07	BF076570.D	12/25/2014
MW-1	F5210-01	BF076567.D	12/25/2014
MW-2	F5210-02	BF076572.D	12/25/2014
FD01	F5210-06	BF076568.D	12/25/2014
MW-3	F5210-05	BF076569.D	12/25/2014
MW-2MS	F5210-03MS	BF076573.D	12/25/2014
MW-2MSD	F5210-04MSD	BF076574.D	12/25/2014

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F5210 SDG NO.: F5210

Lab File ID: BF076334.D DFTPP Injection Date: 12/17/2014

Instrument ID: BNA_F DFTPP Injection Time: 14:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	38.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	54.5
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	93.3
443	15.0 - 24.0% of mass 442	19.4 (20.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF076335.D	12/17/2014	14:52
SSTDICC010	SSTDICC010	BF076336.D	12/17/2014	15:21
SSTDICC025	SSTDICC025	BF076337.D	12/17/2014	15:49
SSTDICCC040	SSTDICCC040	BF076338.D	12/17/2014	16:18
SSTDICC050	SSTDICC050	BF076339.D	12/17/2014	16:47
SSTDICC060	SSTDICC060	BF076340.D	12/17/2014	17:15
SSTDICC080	SSTDICC080	BF076341.D	12/17/2014	17:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F5210 SDG NO.: F5210

Lab File ID: BF076521.D DFTPP Injection Date: 12/24/2014

Instrument ID: BNA_F DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	54.6
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	23.1
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	88.5
443	15.0 - 24.0% of mass 442	17.3 (19.5) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076522.D	12/24/2014	14:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F5210 SDG NO.: F5210

Lab File ID: BF076541.D DFTPP Injection Date: 12/24/2014

Instrument ID: BNA_F DFTPP Injection Time: 23:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	39.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	56.2
197	Less than 2.0% of mass 198	1.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	95.7
443	15.0 - 24.0% of mass 442	19.8 (20.7) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076542.D	12/25/2014	01:09
PB81070BL	PB81070BL	BF076561.D	12/25/2014	10:13
PB81070BS	PB81070BS	BF076562.D	12/25/2014	10:41
SSTDCCC040EC	SSTDCCC040	BF076563.D	12/25/2014	11:10

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F5210 SDG NO.: F5210

Lab File ID: BF076564.D DFTPP Injection Date: 12/25/2014

Instrument ID: BNA_F DFTPP Injection Time: 11:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	40.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	55
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	98.8
443	15.0 - 24.0% of mass 442	20.2 (20.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076565.D	12/25/2014	12:35
MW-1	F5210-01	BF076567.D	12/25/2014	14:01
FD01	F5210-06	BF076568.D	12/25/2014	14:29
MW-3	F5210-05	BF076569.D	12/25/2014	14:58
EB01	F5210-07	BF076570.D	12/25/2014	15:27
MW-2	F5210-02	BF076572.D	12/25/2014	16:24
MW-2MS	F5210-03MS	BF076573.D	12/25/2014	16:52
MW-2MSD	F5210-04MSD	BF076574.D	12/25/2014	17:20
SSTDCCC040EC	SSTDCCC040	BF076586.D	12/25/2014	23:02

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: F5210 SDG NO.: F5210

Lab File ID: BF076587.D DFTPP Injection Date: 12/25/2014

Instrument ID: BNA_F DFTPP Injection Time: 23:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	39.4
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	53
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	21.3
365	Greater than 1% of mass 198	2.5
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	94.9
443	15.0 - 24.0% of mass 442	18.2 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF076588.D	12/26/2014	00:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/25/2014

Lab File ID: BF076542.D Time Analyzed: 01:09

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	47536	6.92	192681	8.49	109695	10.65
	UPPER LIMIT	95072	7.42	385362	8.99	219390	11.15
	LOWER LIMIT	23768	6.42	96340.5	7.99	54847.5	10.15
	EPA SAMPLE NO.						
01	PB81070BL	40191	6.92	175696	8.49	91164	10.65
02	PB81070BS	44339	6.92	177779	8.49	101042	10.65

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/25/2014

Lab File ID: BF076542.D Time Analyzed: 01:09

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	180906	12.47	167020	15.72	149687	17.35
	UPPER LIMIT	361812	12.97	334040	16.22	299374	17.85
	LOWER LIMIT	90453	11.97	83510	15.22	74843.5	16.85
	EPA SAMPLE NO.						
01	PB81070BL	156969	12.47	153018	15.72	135020	17.41
02	PB81070BS	168919	12.47	166152	15.72	146529	17.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/25/2014

Lab File ID: BF076565.D Time Analyzed: 12:35

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	46257	6.92	184860	8.49	99801	10.65
	UPPER LIMIT	92514	7.42	369720	8.99	199602	11.15
	LOWER LIMIT	23128.5	6.42	92430	7.99	49900.5	10.15
	EPA SAMPLE NO.						
01	MW-1	43905	6.92	181694	8.49	97846	10.65
02	MW-2	42173	6.92	186919	8.49	99959	10.65
03	MW-2MS	43437	6.92	184606	8.49	99548	10.65
04	MW-2MSD	41869	6.92	189370	8.49	103858	10.65
05	MW-3	40950	6.92	179469	8.49	93499	10.65
06	FD01	45424	6.92	187341	8.49	107512	10.65
07	EB01	47786	6.92	192292	8.49	110112	10.65

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/25/2014

Lab File ID: BF076565.D Time Analyzed: 12:35

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	170862	12.47	161086	15.72	143795	17.39
	UPPER LIMIT	341724	12.97	322172	16.22	287590	17.89
	LOWER LIMIT	85431	11.97	80543	15.22	71897.5	16.89
	EPA SAMPLE NO.						
01	MW-1	167360	12.47	167643	15.72	150649	17.36
02	MW-2	172069	12.47	166809	15.72	151509	17.41
03	MW-2MS	172770	12.47	175245	15.72	158668	17.36
04	MW-2MSD	166827	12.47	171254	15.72	148317	17.36
05	MW-3	162187	12.47	178158	15.72	157714	17.37
06	FD01	185720	12.47	187121	15.72	168714	17.36
07	EB01	187799	12.47	196524	15.72	174639	17.35

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81070BL	SDG No.:	F5210
Lab Sample ID:	PB81070BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076561.D	1	12/24/14 08:00	12/25/14 10:13	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	10	U	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81070BL	SDG No.:	F5210
Lab Sample ID:	PB81070BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076561.D	1	12/24/14 08:00	12/25/14 10:13	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81070BL	SDG No.:	F5210
Lab Sample ID:	PB81070BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076561.D	1	12/24/14 08:00	12/25/14 10:13	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130		20 - 110		84%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 160		83%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.4		40 - 110		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.9		50 - 110		77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		40 - 125		85%	SPK: 150
1718-51-0	Terphenyl-d14	73.1		50 - 135		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40191	6.92				
1146-65-2	Naphthalene-d8	175696	8.49				
15067-26-2	Acenaphthene-d10	91164	10.65				
1517-22-2	Phenanthrene-d10	156969	12.47				
1719-03-5	Chrysene-d12	153018	15.72				
1520-96-3	Perylene-d12	135020	17.41				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	26.1	A			4.54	ug/L
	unknown6.62	89.9	J			6.62	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81070BS	SDG No.:	F5210
Lab Sample ID:	PB81070BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076562.D	1	12/24/14 08:00	12/25/14 10:41	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	1.2	J	0.77	1	10	ug/L
108-95-2	Phenol	36.8		0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.3		0.55	1	10	ug/L
95-57-8	2-Chlorophenol	39.4		0.54	1	10	ug/L
95-48-7	2-Methylphenol	39.1		0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.8		0.17	1	10	ug/L
98-86-2	Acetophenone	45.5		0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	37.1		0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.7		0.2	1	10	ug/L
67-72-1	Hexachloroethane	39.3		0.25	1	10	ug/L
98-95-3	Nitrobenzene	42.6		0.68	1	10	ug/L
78-59-1	Isophorone	40.7		0.3	1	10	ug/L
88-75-5	2-Nitrophenol	40.3		0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	43.8		0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	41.2		0.66	1	10	ug/L
91-20-3	Naphthalene	41.2		0.12	1	10	ug/L
106-47-8	4-Chloroaniline	19.9		1	1	10	ug/L
87-68-3	Hexachlorobutadiene	42		0.25	1	10	ug/L
105-60-2	Caprolactam	44.7		1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.3		0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	39.9		0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	75.4		0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	38.5		0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	36.6		0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	42.5		0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	42		0.16	1	10	ug/L
88-74-4	2-Nitroaniline	44.4		0.49	1	10	ug/L
131-11-3	Dimethylphthalate	42.9		0.22	1	10	ug/L
208-96-8	Acenaphthylene	39.7		0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	41.9		0.32	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81070BS	SDG No.:	F5210
Lab Sample ID:	PB81070BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076562.D	1	12/24/14 08:00	12/25/14 10:41	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	27.5		1	1	10	ug/L
83-32-9	Acenaphthene	38.6		0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	62.7		2.1	8	10	ug/L
100-02-7	4-Nitrophenol	74.6		2	5	10	ug/L
132-64-9	Dibenzofuran	40.1		0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	45.4		1	1	10	ug/L
84-66-2	Diethylphthalate	43.6		0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.4		0.21	1	10	ug/L
86-73-7	Fluorene	42		0.31	1	10	ug/L
100-01-6	4-Nitroaniline	38.5		1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34.1		0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	40.4		0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	44.4		0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	41		0.18	1	10	ug/L
1912-24-9	Atrazine	43.3		0.4	1	10	ug/L
87-86-5	Pentachlorophenol	89.3	E	1	1	10	ug/L
85-01-8	Phenanthrene	40.9		0.26	1	10	ug/L
120-12-7	Anthracene	41.7		0.16	1	10	ug/L
86-74-8	Carbazole	41.2		0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	42.7		1	1	10	ug/L
206-44-0	Fluoranthene	41.9		0.4	1	10	ug/L
129-00-0	Pyrene	38.5		0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	42.2		0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	24.3		1	1	10	ug/L
56-55-3	Benzo(a)anthracene	40.3		0.16	1	10	ug/L
218-01-9	Chrysene	41.1		0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38.9		0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	39.2		0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	40.8		0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	42.5		0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	42		0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.3		0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.4		0.42	1	10	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81070BS	SDG No.:	F5210
Lab Sample ID:	PB81070BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076562.D	1	12/24/14 08:00	12/25/14 10:41	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	43.3		0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.5		0.2	1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.4		0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120		20 - 110		79%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 160		76%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.1		40 - 110		80%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		50 - 110		71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		40 - 125		81%	SPK: 150
1718-51-0	Terphenyl-d14	69.9		50 - 135		70%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44339	6.92				
1146-65-2	Naphthalene-d8	177779	8.49				
15067-26-2	Acenaphthene-d10	101042	10.65				
1517-22-2	Phenanthrene-d10	168919	12.47				
1719-03-5	Chrysene-d12	166152	15.72				
1520-96-3	Perylene-d12	146529	17.37				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076573.D	1	12/24/14 08:00	12/25/14 16:52	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	1.8	J	0.79	1	10.2	ug/L
108-95-2	Phenol	15.9		0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.4		0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	39.2		0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	32.5		0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.3		0.17	1	10.2	ug/L
98-86-2	Acetophenone	53.7		0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	28.6		0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.4		0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	44		0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	52.1		0.69	1	10.2	ug/L
78-59-1	Isophorone	48.8		0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	46.5		0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	43.4		0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51.8		0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	43.6		0.67	1	10.2	ug/L
91-20-3	Naphthalene	46.3		0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	14.8		1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	43.3		0.26	1	10.2	ug/L
105-60-2	Caprolactam	8.1	J	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	41.1		0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	45.7		0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	81.3		0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	47.2		0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	44.8		0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	51.9		0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	50.3		0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	56.2		0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	55.6		0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	49.1		0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	51.1		0.33	1	10.2	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076573.D	1	12/24/14 08:00	12/25/14 16:52	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	23.2		1	1	10.2	ug/L
83-32-9	Acenaphthene	48.5		0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	74.6		2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	39.2		2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	49.2		0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	57.8		1	1	10.2	ug/L
84-66-2	Diethylphthalate	55.4		0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	52.6		0.21	1	10.2	ug/L
86-73-7	Fluorene	52.9		0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	44.6		1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	39.8		0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	48.3		0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	55.2		0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	49.3		0.18	1	10.2	ug/L
1912-24-9	Atrazine	50.7		0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	99.9	E	1	1	10.2	ug/L
85-01-8	Phenanthrene	49.4		0.27	1	10.2	ug/L
120-12-7	Anthracene	50.6		0.16	1	10.2	ug/L
86-74-8	Carbazole	50		0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	52.3		1	1	10.2	ug/L
206-44-0	Fluoranthene	51.8		0.41	1	10.2	ug/L
129-00-0	Pyrene	46.3		0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	52.6		0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	25.5		1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	48.4		0.16	1	10.2	ug/L
218-01-9	Chrysene	50.7		0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.4		0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	50.8		0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	51.6		0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	49.6		0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.8		0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.4		0.43	1	10.2	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076573.D	1	12/24/14 08:00	12/25/14 16:52	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	51.6		0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.5		0.2	1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.8		0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67		20 - 110		45%	SPK: 150
13127-88-3	Phenol-d6	43.9		10 - 160		29%	SPK: 150
4165-60-0	Nitrobenzene-d5	92		40 - 110		92%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.5		50 - 110		85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		40 - 125		95%	SPK: 150
1718-51-0	Terphenyl-d14	77.1		50 - 135		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43437	6.92				
1146-65-2	Naphthalene-d8	184606	8.49				
15067-26-2	Acenaphthene-d10	99548	10.65				
1517-22-2	Phenanthrene-d10	172770	12.47				
1719-03-5	Chrysene-d12	175245	15.72				
1520-96-3	Perylene-d12	158668	17.36				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076574.D	1	12/24/14 08:00	12/25/14 17:20	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	1.5	J	0.78	1	10.1	ug/L
108-95-2	Phenol	16.8		0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.1		0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	39		0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	33		0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.1		0.17	1	10.1	ug/L
98-86-2	Acetophenone	50.1		0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	28.1		0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.1		0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	42.9		0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	49.3		0.69	1	10.1	ug/L
78-59-1	Isophorone	45.5		0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	45		0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	41.6		0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.6		0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	42.7		0.67	1	10.1	ug/L
91-20-3	Naphthalene	43.5		0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	12		1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	42.6		0.25	1	10.1	ug/L
105-60-2	Caprolactam	7.8	J	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	38.4		0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	43.8		0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	74.8		0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	43.5		0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	41.8		0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	46.4		0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	47		0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	51.4		0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	54.1		0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	43.7		0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	48.3		0.32	1	10.1	ug/L

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076574.D	1	12/24/14 08:00	12/25/14 17:20	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	22.1		1	1	10.1	ug/L
83-32-9	Acenaphthene	43.7		0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	71.8		2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	39.2		2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	46.4		0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	51.4		1	1	10.1	ug/L
84-66-2	Diethylphthalate	50.9		0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.3		0.21	1	10.1	ug/L
86-73-7	Fluorene	48.2		0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	42.8		1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41.1		0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	47.8		0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	52.3		0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	50.3		0.18	1	10.1	ug/L
1912-24-9	Atrazine	49.4		0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	98.5	E	1	1	10.1	ug/L
85-01-8	Phenanthrene	48.4		0.26	1	10.1	ug/L
120-12-7	Anthracene	50.7		0.16	1	10.1	ug/L
86-74-8	Carbazole	50.1		0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	52		1	1	10.1	ug/L
206-44-0	Fluoranthene	51.3		0.4	1	10.1	ug/L
129-00-0	Pyrene	46		0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	49.7		0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	29.5		1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	46.5		0.16	1	10.1	ug/L
218-01-9	Chrysene	48.9		0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.1		0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	49.1		0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	50.9		0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	46.6		0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	50.8		0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.6		0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.8		0.42	1	10.1	ug/L

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF076574.D	1	12/24/14 08:00	12/25/14 17:20	PB81070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	52.1		0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.8		0.2	1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.2		0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	71.1		20 - 110		47%	SPK: 150
13127-88-3	Phenol-d6	47.9		10 - 160		32%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.3		40 - 110		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.5		50 - 110		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		40 - 125		92%	SPK: 150
1718-51-0	Terphenyl-d14	73.7		50 - 135		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41869	6.92				
1146-65-2	Naphthalene-d8	189370	8.49				
15067-26-2	Acenaphthene-d10	103858	10.65				
1517-22-2	Phenanthrene-d10	166827	12.47				
1719-03-5	Chrysene-d12	171254	15.72				
1520-96-3	Perylene-d12	148317	17.36				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date(s): 12/17/2014 12/17/2014

Calibration Time(s): 14:52 17:44

LAB FILE ID: RRF2.5 = BF076335.D RRF010 = BF076336.D RRF025 = BF076337.D
RRF040 = BF076338.D RRF050 = BF076339.D RRF060 = BF076340.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	1.087	1.171	1.231	1.168	1.196	1.179	1.180	4.1
Benzaldehyde	1.058	1.077	1.110	1.113	1.082	1.102	1.096	2.3
Phenol-d6	1.243	1.497	1.489	1.460	1.496	1.450	1.441	6.2
Phenol	1.705	1.786	1.818	1.773	1.781	1.663	1.749	3.2
bis(2-Chloroethyl)ether	1.188	1.311	1.355	1.262	1.220	1.204	1.259	4.8
2-Chlorophenol	1.293	1.327	1.389	1.373	1.322	1.352	1.351	2.9
2-Methylphenol	1.016	1.170	1.165	1.141	1.105	1.057	1.110	5.1
2,2-oxybis(1-Chloropropane)	1.710	1.844	1.839	1.850	1.865	1.805	1.823	2.9
Acetophenone	0.465	0.485	0.487	0.480	0.472	0.477	0.479	1.8
3+4-Methylphenols	1.346	1.443	1.587	1.522	1.516	1.506	1.499	5.5
n-Nitroso-di-n-propylamine	0.996	1.073	1.095	1.013	1.023	1.076	1.052	3.9
Nitrobenzene-d5	0.296	0.330	0.356	0.335	0.333	0.343	0.336	6.4
Hexachloroethane	0.518	0.583	0.579	0.562	0.588	0.568	0.568	4.2
Nitrobenzene	0.336	0.342	0.369	0.352	0.342	0.339	0.349	3.6
Isophorone	0.599	0.620	0.653	0.644	0.671	0.677	0.648	4.5
2-Nitrophenol	0.126	0.161	0.163	0.177	0.181	0.190	0.170	13.4
2,4-Dimethylphenol	0.254	0.275	0.288	0.278	0.272	0.278	0.276	4.0
bis(2-Chloroethoxy)methane	0.366	0.346	0.370	0.395	0.382	0.408	0.380	5.7
2,4-Dichlorophenol	0.245	0.251	0.278	0.268	0.280	0.287	0.271	6.2
Naphthalene	0.998	0.993	0.989	0.978	0.974	0.994	0.991	1.2
4-Chloroaniline	0.349	0.376	0.399	0.416	0.417	0.436	0.404	8.0
Hexachlorobutadiene	0.180	0.164	0.176	0.164	0.164	0.172	0.170	3.8
Caprolactam		0.072	0.079	0.076	0.082	0.079	0.078	4.5
4-Chloro-3-methylphenol	0.263	0.280	0.296	0.316	0.314	0.318	0.301	7.5
2-Methylnaphthalene	0.625	0.642	0.707	0.700	0.710	0.726	0.691	6.0
Hexachlorocyclopentadiene		0.148	0.216	0.257	0.262	0.271	0.241	21.4
2,4,6-Trichlorophenol	0.305	0.356	0.369	0.367	0.370	0.359	0.357	6.7
2-Fluorobiphenyl	1.224	1.273	1.271	1.275	1.281	1.289	1.285	3.7
2,4,5-Trichlorophenol	0.361	0.362	0.377	0.397	0.393	0.386	0.384	4.9
1,1-Biphenyl	1.348	1.514	1.520	1.548	1.496	1.461	1.486	4.5
2-Chloronaphthalene	1.122	1.227	1.159	1.175	1.176	1.141	1.178	3.8
2-Nitroaniline	0.288	0.350	0.375	0.379	0.365	0.354	0.358	9.7
Dimethylphthalate	1.400	1.420	1.371	1.400	1.451	1.436	1.415	1.9
Acenaphthylene	1.882	1.949	1.998	2.011	2.060	1.993	2.004	4.0
2,6-Dinitrotoluene	0.238	0.277	0.277	0.299	0.310	0.304	0.290	9.8
3-Nitroaniline	0.242	0.324	0.353	0.361	0.351	0.318	0.329	12.7

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date(s): 12/17/2014 12/17/2014

Calibration Time(s): 14:52 17:44

LAB FILE ID: RRF2.5 = BF076335.D RRF010 = BF076336.D RRF025 = BF076337.D
RRF040 = BF076338.D RRF050 = BF076339.D RRF060 = BF076340.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
Acenaphthene	1.099	1.104	1.116	1.128	1.143	1.125	1.134	3.7
2,4-Dinitrophenol		0.070	0.114	0.127	0.142	0.145	0.128	26.3
4-Nitrophenol		0.217	0.259	0.235	0.255	0.259	0.252	9.7
Dibenzofuran	1.585	1.659	1.675	1.647	1.603	1.598	1.640	2.9
2,4-Dinitrotoluene	0.274	0.346	0.398	0.416	0.422	0.422	0.386	14.7
Diethylphthalate	1.334	1.464	1.470	1.445	1.462	1.421	1.445	4.0
4-Chlorophenyl-phenylether	0.577	0.608	0.576	0.592	0.594	0.599	0.596	3.0
Fluorene	1.290	1.394	1.412	1.382	1.386	1.348	1.378	3.4
4-Nitroaniline	0.266	0.352	0.353	0.378	0.350	0.329	0.346	11.9
4,6-Dinitro-2-methylphenol		0.093	0.120	0.123	0.131	0.135	0.125	15.0
n-Nitrosodiphenylamine	0.605	0.705	0.691	0.705	0.759	0.728	0.703	6.9
2,4,6-Tribromophenol	0.141	0.161	0.168	0.172	0.178	0.173	0.169	8.9
4-Bromophenyl-phenylether	0.159	0.186	0.203	0.197	0.204	0.207	0.195	8.9
Hexachlorobenzene	0.209	0.228	0.231	0.227	0.237	0.230	0.227	3.9
Atrazine	0.182	0.214	0.226	0.216	0.214	0.208	0.210	6.4
Pentachlorophenol		0.086	0.105	0.113	0.115	0.125	0.111	12.9
Phenanthrene	1.105	1.185	1.252	1.222	1.252	1.203	1.207	4.2
Anthracene	1.090	1.188	1.222	1.156	1.205	1.216	1.184	4.0
Carbazole	1.029	1.139	1.203	1.171	1.158	1.149	1.148	5.0
Di-n-butylphthalate	1.184	1.407	1.426	1.423	1.525	1.473	1.410	7.6
Fluoranthene	1.160	1.285	1.302	1.209	1.217	1.199	1.232	4.1
Pyrene	1.269	1.335	1.350	1.363	1.455	1.467	1.399	7.0
Terphenyl-d14	0.862	0.891	0.880	0.890	0.951	0.936	0.907	3.8
Butylbenzylphthalate	0.543	0.616	0.644	0.667	0.725	0.733	0.669	11.2
3,3-Dichlorobenzidine	0.367	0.405	0.408	0.429	0.437	0.421	0.416	6.3
Benzo(a)anthracene	1.143	1.200	1.238	1.216	1.279	1.294	1.245	5.4
Chrysene	1.130	1.123	1.118	1.128	1.172	1.130	1.140	2.1
Bis(2-ethylhexyl)phthalate	0.863	0.959	0.963	1.012	1.097	1.097	1.012	8.9
Di-n-octyl phthalate	1.530	1.668	1.636	1.704	1.864	1.842	1.728	7.4
Benzo(b)fluoranthene	1.168	1.289	1.345	1.334	1.373	1.437	1.319	6.4
Benzo(k)fluoranthene	1.173	1.244	1.261	1.285	1.117	1.198	1.229	5.7
Benzo(a)pyrene	1.098	1.123	1.213	1.210	1.164	1.237	1.177	4.3
Indeno(1,2,3-cd)pyrene	1.208	1.142	1.185	1.179	1.325	1.314	1.251	7.7
Dibenzo(a,h)anthracene	1.052	1.110	1.148	1.175	1.187	1.242	1.167	6.1
Benzo(g,h,i)perylene	1.022	1.089	1.129	1.151	1.159	1.189	1.135	5.6
1,2,4,5-Tetrachlorobenzene	0.468	0.504	0.477	0.500	0.489	0.493	0.492	3.2

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date(s): 12/17/2014 12/17/2014

Calibration Time(s): 14:52 17:44

LAB FILE ID: RRF2.5 = BF076335.D RRF010 = BF076336.D RRF025 = BF076337.D
RRF040 = BF076338.D RRF050 = BF076339.D RRF060 = BF076340.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2,3,4,6-Tetrachlorophenol	0.220	0.277	0.293	0.298	0.302	0.290	0.286	11.1

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/24/2014 14:18

Lab File ID: BF076522.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.180	1.202		1.9	
Benzaldehyde	1.096	1.025		-6.5	
Phenol-d6	1.441	1.520		5.5	
Phenol	1.749	1.788		2.2	20.0
bis(2-Chloroethyl)ether	1.259	1.308		3.9	
2-Chlorophenol	1.351	1.406		4.1	
2-Methylphenol	1.110	1.129		1.7	
2,2-oxybis(1-Chloropropane)	1.823	1.824		0.1	
Acetophenone	0.479	0.516		7.7	
3+4-Methylphenols	1.499	1.506		0.5	
n-Nitroso-di-n-propylamine	1.052	1.054	0.050	0.2	
Nitrobenzene-d5	0.336	0.373		11.0	
Hexachloroethane	0.568	0.586		3.2	
Nitrobenzene	0.349	0.363		4.0	
Isophorone	0.648	0.661		2.0	
2-Nitrophenol	0.170	0.190		11.8	20.0
2,4-Dimethylphenol	0.276	0.290		5.1	
bis(2-Chloroethoxy)methane	0.380	0.401		5.5	
2,4-Dichlorophenol	0.271	0.277		2.2	20.0
Naphthalene	0.991	1.035		4.4	
4-Chloroaniline	0.404	0.417		3.2	
Hexachlorobutadiene	0.170	0.185		8.8	20.0
Caprolactam	0.078	0.082		5.1	
4-Chloro-3-methylphenol	0.301	0.313		4.0	20.0
2-Methylnaphthalene	0.691	0.706		2.2	
Hexachlorocyclopentadiene	0.241	0.256	0.050	6.2	
2,4,6-Trichlorophenol	0.357	0.378		5.9	20.0
2-Fluorobiphenyl	1.285	1.250		-2.7	
2,4,5-Trichlorophenol	0.384	0.391		1.8	
1,1-Biphenyl	1.486	1.485		-0.1	
2-Chloronaphthalene	1.178	1.235		4.8	
2-Nitroaniline	0.358	0.397		10.9	
Dimethylphthalate	1.415	1.451		2.5	
Acenaphthylene	2.004	2.039		1.7	
2,6-Dinitrotoluene	0.290	0.291		0.3	
3-Nitroaniline	0.329	0.333		1.2	
Acenaphthene	1.134	1.133		-0.1	20.0
2,4-Dinitrophenol	0.128	0.143	0.050	11.7	
4-Nitrophenol	0.252	0.245	0.050	-2.8	
Dibenzofuran	1.640	1.660		1.2	
2,4-Dinitrotoluene	0.386	0.401		3.9	

Form VII SV-1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/24/2014 14:18

Lab File ID: BF076522.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.445	1.497		3.6	
4-Chlorophenyl-phenylether	0.596	0.589		-1.2	
Fluorene	1.378	1.445		4.9	
4-Nitroaniline	0.346	0.381		10.1	
4,6-Dinitro-2-methylphenol	0.125	0.133		6.4	
n-Nitrosodiphenylamine	0.703	0.720		2.4	20.0
2,4,6-Tribromophenol	0.169	0.182		7.7	
4-Bromophenyl-phenylether	0.195	0.203		4.1	
Hexachlorobenzene	0.227	0.224		-1.3	
Atrazine	0.210	0.208		-1.0	
Pentachlorophenol	0.111	0.120		8.1	20.0
Phenanthrene	1.207	1.214		0.6	
Anthracene	1.184	1.202		1.5	
Carbazole	1.148	1.190		3.7	
Di-n-butylphthalate	1.410	1.458		3.4	
Fluoranthene	1.232	1.273		3.3	20.0
Pyrene	1.399	1.354		-3.2	
Terphenyl-d14	0.907	0.877		-3.3	
Butylbenzylphthalate	0.669	0.693		3.6	
3,3-Dichlorobenzidine	0.416	0.411		-1.2	
Benzo(a)anthracene	1.245	1.307		5.0	
Chrysene	1.140	1.096		-3.9	
Bis(2-ethylhexyl)phthalate	1.012	1.022		1.0	
Di-n-octyl phthalate	1.728	1.747		1.1	20.0
Benzo(b)fluoranthene	1.319	1.298		-1.6	
Benzo(k)fluoranthene	1.229	1.319		7.3	
Benzo(a)pyrene	1.177	1.192		1.3	20.0
Indeno(1,2,3-cd)pyrene	1.251	1.292		3.3	
Dibenzo(a,h)anthracene	1.167	1.221		4.6	
Benzo(g,h,i)perylene	1.135	1.211		6.7	
1,2,4,5-Tetrachlorobenzene	0.492	0.475		-3.5	
2,3,4,6-Tetrachlorophenol	0.286	0.312		9.1	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 01:09

Lab File ID: BF076542.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.180	1.169		-0.9	
Benzaldehyde	1.096	0.987		-9.9	
Phenol-d6	1.441	1.363		-5.4	
Phenol	1.749	1.713		-2.1	20.0
bis(2-Chloroethyl)ether	1.259	1.255		-0.3	
2-Chlorophenol	1.351	1.284		-5.0	
2-Methylphenol	1.110	1.122		1.1	
2,2-oxybis(1-Chloropropane)	1.823	1.708		-6.3	
Acetophenone	0.479	0.503		5.0	
3+4-Methylphenols	1.499	1.457		-2.8	
n-Nitroso-di-n-propylamine	1.052	1.039	0.050	-1.2	
Nitrobenzene-d5	0.336	0.374		11.3	
Hexachloroethane	0.568	0.570		0.4	
Nitrobenzene	0.349	0.380		8.9	
Isophorone	0.648	0.657		1.4	
2-Nitrophenol	0.170	0.178		4.7	20.0
2,4-Dimethylphenol	0.276	0.308		11.6	
bis(2-Chloroethoxy)methane	0.380	0.371		-2.4	
2,4-Dichlorophenol	0.271	0.291		7.4	20.0
Naphthalene	0.991	1.044		5.3	
4-Chloroaniline	0.404	0.413		2.2	
Hexachlorobutadiene	0.170	0.179		5.3	20.0
Caprolactam	0.078	0.081		3.8	
4-Chloro-3-methylphenol	0.301	0.320		6.3	20.0
2-Methylnaphthalene	0.691	0.702		1.6	
Hexachlorocyclopentadiene	0.241	0.245	0.050	1.7	
2,4,6-Trichlorophenol	0.357	0.364		2.0	20.0
2-Fluorobiphenyl	1.285	1.283		-0.2	
2,4,5-Trichlorophenol	0.384	0.386		0.5	
1,1-Biphenyl	1.486	1.480		-0.4	
2-Chloronaphthalene	1.178	1.206		2.4	
2-Nitroaniline	0.358	0.374		4.5	
Dimethylphthalate	1.415	1.442		1.9	
Acenaphthylene	2.004	1.989		-0.7	
2,6-Dinitrotoluene	0.290	0.290		0.0	
3-Nitroaniline	0.329	0.357		8.5	
Acenaphthene	1.134	1.108		-2.3	20.0
2,4-Dinitrophenol	0.128	0.110	0.050	-14.1	
4-Nitrophenol	0.252	0.240	0.050	-4.8	
Dibenzofuran	1.640	1.585		-3.4	
2,4-Dinitrotoluene	0.386	0.408		5.7	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 01:09

Lab File ID: BF076542.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.445	1.475		2.1	
4-Chlorophenyl-phenylether	0.596	0.600		0.7	
Fluorene	1.378	1.403		1.8	
4-Nitroaniline	0.346	0.367		6.1	
4,6-Dinitro-2-methylphenol	0.125	0.120		-4.0	
n-Nitrosodiphenylamine	0.703	0.707		0.6	20.0
2,4,6-Tribromophenol	0.169	0.174		3.0	
4-Bromophenyl-phenylether	0.195	0.200		2.6	
Hexachlorobenzene	0.227	0.229		0.9	
Atrazine	0.210	0.213		1.4	
Pentachlorophenol	0.111	0.100		-9.9	20.0
Phenanthrene	1.207	1.219		1.0	
Anthracene	1.184	1.190		0.5	
Carbazole	1.148	1.165		1.5	
Di-n-butylphthalate	1.410	1.419		0.6	
Fluoranthene	1.232	1.209		-1.9	20.0
Pyrene	1.399	1.394		-0.4	
Terphenyl-d14	0.907	0.893		-1.5	
Butylbenzylphthalate	0.669	0.690		3.1	
3,3-Dichlorobenzidine	0.416	0.439		5.5	
Benzo(a)anthracene	1.245	1.273		2.2	
Chrysene	1.140	1.160		1.8	
Bis(2-ethylhexyl)phthalate	1.012	0.994		-1.8	
Di-n-octyl phthalate	1.728	1.734		0.3	20.0
Benzo(b)fluoranthene	1.319	1.362		3.3	
Benzo(k)fluoranthene	1.229	1.215		-1.1	
Benzo(a)pyrene	1.177	1.183		0.5	20.0
Indeno(1,2,3-cd)pyrene	1.251	1.346		7.6	
Dibenzo(a,h)anthracene	1.167	1.234		5.7	
Benzo(g,h,i)perylene	1.135	1.224		7.8	
1,2,4,5-Tetrachlorobenzene	0.492	0.470		-4.5	
2,3,4,6-Tetrachlorophenol	0.286	0.299		4.5	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 11:10

Lab File ID: BF076563.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.180	1.161		-1.6	50.0
Benzaldehyde	1.096	0.960		-12.4	50.0
Phenol-d6	1.441	1.379		-4.3	50.0
Phenol	1.749	1.674		-4.3	50.0
bis(2-Chloroethyl)ether	1.259	1.293		2.7	50.0
2-Chlorophenol	1.351	1.353		0.1	50.0
2-Methylphenol	1.110	1.112		0.2	50.0
2,2-oxybis(1-Chloropropane)	1.823	1.718		-5.8	50.0
Acetophenone	0.479	0.521		8.8	50.0
3+4-Methylphenols	1.499	1.440		-3.9	50.0
n-Nitroso-di-n-propylamine	1.052	0.960	0.050	-8.7	50.0
Nitrobenzene-d5	0.336	0.370		10.1	50.0
Hexachloroethane	0.568	0.585		3.0	50.0
Nitrobenzene	0.349	0.357		2.3	50.0
Isophorone	0.648	0.640		-1.2	50.0
2-Nitrophenol	0.170	0.189		11.2	50.0
2,4-Dimethylphenol	0.276	0.286		3.6	50.0
bis(2-Chloroethoxy)methane	0.380	0.385		1.3	50.0
2,4-Dichlorophenol	0.271	0.282		4.1	50.0
Naphthalene	0.991	1.022		3.1	50.0
4-Chloroaniline	0.404	0.393		-2.7	50.0
Hexachlorobutadiene	0.170	0.184		8.2	50.0
Caprolactam	0.078	0.077		-1.3	50.0
4-Chloro-3-methylphenol	0.301	0.302		0.3	50.0
2-Methylnaphthalene	0.691	0.691		0.0	50.0
Hexachlorocyclopentadiene	0.241	0.249	0.050	3.3	50.0
2,4,6-Trichlorophenol	0.357	0.373		4.5	50.0
2-Fluorobiphenyl	1.285	1.268		-1.3	50.0
2,4,5-Trichlorophenol	0.384	0.411		7.0	50.0
1,1-Biphenyl	1.486	1.490		0.3	50.0
2-Chloronaphthalene	1.178	1.241		5.3	50.0
2-Nitroaniline	0.358	0.402		12.3	50.0
Dimethylphthalate	1.415	1.404		-0.8	50.0
Acenaphthylene	2.004	2.008		0.2	50.0
2,6-Dinitrotoluene	0.290	0.294		1.4	50.0
3-Nitroaniline	0.329	0.339		3.0	50.0
Acenaphthene	1.134	1.118		-1.4	50.0
2,4-Dinitrophenol	0.128	0.093	0.050	-27.3	50.0
4-Nitrophenol	0.252	0.255	0.050	1.2	50.0
Dibenzofuran	1.640	1.647		0.4	50.0
2,4-Dinitrotoluene	0.386	0.418		8.3	50.0

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 11:10

Lab File ID: BF076563.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.445	1.481		2.5	50.0
4-Chlorophenyl-phenylether	0.596	0.594		-0.3	50.0
Fluorene	1.378	1.467		6.5	50.0
4-Nitroaniline	0.346	0.375		8.4	50.0
4,6-Dinitro-2-methylphenol	0.125	0.110		-12.0	50.0
n-Nitrosodiphenylamine	0.703	0.687		-2.3	50.0
2,4,6-Tribromophenol	0.169	0.179		5.9	50.0
4-Bromophenyl-phenylether	0.195	0.196		0.5	50.0
Hexachlorobenzene	0.227	0.227		0.0	50.0
Atrazine	0.210	0.201		-4.3	50.0
Pentachlorophenol	0.111	0.087		-21.6	50.0
Phenanthrene	1.207	1.183		-2.0	50.0
Anthracene	1.184	1.180		-0.3	50.0
Carbazole	1.148	1.157		0.8	50.0
Di-n-butylphthalate	1.410	1.384		-1.8	50.0
Fluoranthene	1.232	1.237		0.4	50.0
Pyrene	1.399	1.362		-2.6	50.0
Terphenyl-d14	0.907	0.842		-7.2	50.0
Butylbenzylphthalate	0.669	0.636		-4.9	50.0
3,3-Dichlorobenzidine	0.416	0.407		-2.2	50.0
Benzo(a)anthracene	1.245	1.211		-2.7	50.0
Chrysene	1.140	1.159		1.7	50.0
Bis(2-ethylhexyl)phthalate	1.012	0.911		-10.0	50.0
Di-n-octyl phthalate	1.728	1.568		-9.3	50.0
Benzo(b)fluoranthene	1.319	1.274		-3.4	50.0
Benzo(k)fluoranthene	1.229	1.291		5.0	50.0
Benzo(a)pyrene	1.177	1.197		1.7	50.0
Indeno(1,2,3-cd)pyrene	1.251	1.402		12.1	50.0
Dibenzo(a,h)anthracene	1.167	1.207		3.4	50.0
Benzo(g,h,i)perylene	1.135	1.230		8.4	50.0
1,2,4,5-Tetrachlorobenzene	0.492	0.490		-0.4	50.0
2,3,4,6-Tetrachlorophenol	0.286	0.308		7.7	50.0

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 12:35

Lab File ID: BF076565.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.180	1.163		-1.4	
Benzaldehyde	1.096	0.982		-10.4	
Phenol-d6	1.441	1.415		-1.8	
Phenol	1.749	1.666		-4.7	20.0
bis(2-Chloroethyl)ether	1.259	1.254		-0.4	
2-Chlorophenol	1.351	1.331		-1.5	
2-Methylphenol	1.110	1.091		-1.7	
2,2-oxybis(1-Chloropropane)	1.823	1.690		-7.3	
Acetophenone	0.479	0.506		5.6	
3+4-Methylphenols	1.499	1.424		-5.0	
n-Nitroso-di-n-propylamine	1.052	0.968	0.050	-8.0	
Nitrobenzene-d5	0.336	0.364		8.3	
Hexachloroethane	0.568	0.551		-3.0	
Nitrobenzene	0.349	0.374		7.2	
Isophorone	0.648	0.656		1.2	
2-Nitrophenol	0.170	0.179		5.3	20.0
2,4-Dimethylphenol	0.276	0.290		5.1	
bis(2-Chloroethoxy)methane	0.380	0.398		4.7	
2,4-Dichlorophenol	0.271	0.280		3.3	20.0
Naphthalene	0.991	1.022		3.1	
4-Chloroaniline	0.404	0.407		0.7	
Hexachlorobutadiene	0.170	0.191		12.4	20.0
Caprolactam	0.078	0.077		-1.3	
4-Chloro-3-methylphenol	0.301	0.320		6.3	20.0
2-Methylnaphthalene	0.691	0.705		2.0	
Hexachlorocyclopentadiene	0.241	0.248	0.050	2.9	
2,4,6-Trichlorophenol	0.357	0.385		7.8	20.0
2-Fluorobiphenyl	1.285	1.307		1.7	
2,4,5-Trichlorophenol	0.384	0.413		7.6	
1,1-Biphenyl	1.486	1.462		-1.6	
2-Chloronaphthalene	1.178	1.218		3.4	
2-Nitroaniline	0.358	0.399		11.5	
Dimethylphthalate	1.415	1.464		3.5	
Acenaphthylene	2.004	2.077		3.6	
2,6-Dinitrotoluene	0.290	0.299		3.1	
3-Nitroaniline	0.329	0.348		5.8	
Acenaphthene	1.134	1.160		2.3	20.0
2,4-Dinitrophenol	0.128	0.091	0.050	-28.9	
4-Nitrophenol	0.252	0.248	0.050	-1.6	
Dibenzofuran	1.640	1.666		1.6	
2,4-Dinitrotoluene	0.386	0.426		10.4	

Form VII SV-1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 12:35

Lab File ID: BF076565.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.445	1.509		4.4	
4-Chlorophenyl-phenylether	0.596	0.604		1.3	
Fluorene	1.378	1.477		7.2	
4-Nitroaniline	0.346	0.382		10.4	
4,6-Dinitro-2-methylphenol	0.125	0.112		-10.4	
n-Nitrosodiphenylamine	0.703	0.723		2.8	20.0
2,4,6-Tribromophenol	0.169	0.181		7.1	
4-Bromophenyl-phenylether	0.195	0.211		8.2	
Hexachlorobenzene	0.227	0.226		-0.4	
Atrazine	0.210	0.212		1.0	
Pentachlorophenol	0.111	0.095		-14.4	20.0
Phenanthrene	1.207	1.223		1.3	
Anthracene	1.184	1.225		3.5	
Carbazole	1.148	1.180		2.8	
Di-n-butylphthalate	1.410	1.418		0.6	
Fluoranthene	1.232	1.191		-3.3	20.0
Pyrene	1.399	1.374		-1.8	
Terphenyl-d14	0.907	0.889		-2.0	
Butylbenzylphthalate	0.669	0.664		-0.7	
3,3-Dichlorobenzidine	0.416	0.413		-0.7	
Benzo(a)anthracene	1.245	1.267		1.8	
Chrysene	1.140	1.185		3.9	
Bis(2-ethylhexyl)phthalate	1.012	0.973		-3.9	
Di-n-octyl phthalate	1.728	1.613		-6.7	20.0
Benzo(b)fluoranthene	1.319	1.265		-4.1	
Benzo(k)fluoranthene	1.229	1.309		6.5	
Benzo(a)pyrene	1.177	1.200		2.0	20.0
Indeno(1,2,3-cd)pyrene	1.251	1.352		8.1	
Dibenzo(a,h)anthracene	1.167	1.217		4.3	
Benzo(g,h,i)perylene	1.135	1.261		11.1	
1,2,4,5-Tetrachlorobenzene	0.492	0.485		-1.4	
2,3,4,6-Tetrachlorophenol	0.286	0.314		9.8	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 23:02

Lab File ID: BF076586.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.180	1.237		4.8	50.0
Benzaldehyde	1.096	1.026		-6.4	50.0
Phenol-d6	1.441	1.464		1.6	50.0
Phenol	1.749	1.740		-0.5	50.0
bis(2-Chloroethyl)ether	1.259	1.324		5.2	50.0
2-Chlorophenol	1.351	1.401		3.7	50.0
2-Methylphenol	1.110	1.218		9.7	50.0
2,2-oxybis(1-Chloropropane)	1.823	1.903		4.4	50.0
Acetophenone	0.479	0.485		1.3	50.0
3+4-Methylphenols	1.499	1.532		2.2	50.0
n-Nitroso-di-n-propylamine	1.052	1.083	0.050	2.9	50.0
Nitrobenzene-d5	0.336	0.370		10.1	50.0
Hexachloroethane	0.568	0.592		4.2	50.0
Nitrobenzene	0.349	0.372		6.6	50.0
Isophorone	0.648	0.648		0.0	50.0
2-Nitrophenol	0.170	0.175		2.9	50.0
2,4-Dimethylphenol	0.276	0.307		11.2	50.0
bis(2-Chloroethoxy)methane	0.380	0.382		0.5	50.0
2,4-Dichlorophenol	0.271	0.282		4.1	50.0
Naphthalene	0.991	1.066		7.6	50.0
4-Chloroaniline	0.404	0.401		-0.7	50.0
Hexachlorobutadiene	0.170	0.183		7.6	50.0
Caprolactam	0.078	0.081		3.8	50.0
4-Chloro-3-methylphenol	0.301	0.314		4.3	50.0
2-Methylnaphthalene	0.691	0.728		5.4	50.0
Hexachlorocyclopentadiene	0.241	0.209	0.050	-13.3	50.0
2,4,6-Trichlorophenol	0.357	0.358		0.3	50.0
2-Fluorobiphenyl	1.285	1.320		2.7	50.0
2,4,5-Trichlorophenol	0.384	0.395		2.9	50.0
1,1-Biphenyl	1.486	1.530		3.0	50.0
2-Chloronaphthalene	1.178	1.235		4.8	50.0
2-Nitroaniline	0.358	0.379		5.9	50.0
Dimethylphthalate	1.415	1.450		2.5	50.0
Acenaphthylene	2.004	2.016		0.6	50.0
2,6-Dinitrotoluene	0.290	0.300		3.4	50.0
3-Nitroaniline	0.329	0.350		6.4	50.0
Acenaphthene	1.134	1.181		4.1	50.0
2,4-Dinitrophenol	0.128	0.076	0.050	-40.6	50.0
4-Nitrophenol	0.252	0.252	0.050	0.0	50.0
Dibenzofuran	1.640	1.652		0.7	50.0
2,4-Dinitrotoluene	0.386	0.398		3.1	50.0

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/25/2014 23:02

Lab File ID: BF076586.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.445	1.504		4.1	50.0
4-Chlorophenyl-phenylether	0.596	0.599		0.5	50.0
Fluorene	1.378	1.354		-1.7	50.0
4-Nitroaniline	0.346	0.354		2.3	50.0
4,6-Dinitro-2-methylphenol	0.125	0.098		-21.6	50.0
n-Nitrosodiphenylamine	0.703	0.742		5.5	50.0
2,4,6-Tribromophenol	0.169	0.174		3.0	50.0
4-Bromophenyl-phenylether	0.195	0.208		6.7	50.0
Hexachlorobenzene	0.227	0.236		4.0	50.0
Atrazine	0.210	0.228		8.6	50.0
Pentachlorophenol	0.111	0.100		-9.9	50.0
Phenanthrene	1.207	1.241		2.8	50.0
Anthracene	1.184	1.204		1.7	50.0
Carbazole	1.148	1.177		2.5	50.0
Di-n-butylphthalate	1.410	1.518		7.7	50.0
Fluoranthene	1.232	1.282		4.1	50.0
Pyrene	1.399	1.409		0.7	50.0
Terphenyl-d14	0.907	0.892		-1.7	50.0
Butylbenzylphthalate	0.669	0.709		6.0	50.0
3,3-Dichlorobenzidine	0.416	0.439		5.5	50.0
Benzo(a)anthracene	1.245	1.276		2.5	50.0
Chrysene	1.140	1.119		-1.8	50.0
Bis(2-ethylhexyl)phthalate	1.012	1.041		2.9	50.0
Di-n-octyl phthalate	1.728	1.798		4.1	50.0
Benzo(b)fluoranthene	1.319	1.409		6.8	50.0
Benzo(k)fluoranthene	1.229	1.128		-8.2	50.0
Benzo(a)pyrene	1.177	1.207		2.5	50.0
Indeno(1,2,3-cd)pyrene	1.251	1.265		1.1	50.0
Dibenzo(a,h)anthracene	1.167	1.214		4.0	50.0
Benzo(g,h,i)perylene	1.135	1.197		5.5	50.0
1,2,4,5-Tetrachlorobenzene	0.492	0.504		2.4	50.0
2,3,4,6-Tetrachlorophenol	0.286	0.294		2.8	50.0

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/26/2014 00:27

Lab File ID: BF076588.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.180	1.128		-4.4	
Benzaldehyde	1.096	0.945		-13.8	
Phenol-d6	1.441	1.343		-6.8	
Phenol	1.749	1.577		-9.8	20.0
bis(2-Chloroethyl)ether	1.259	1.215		-3.5	
2-Chlorophenol	1.351	1.278		-5.4	
2-Methylphenol	1.110	1.073		-3.3	
2,2-oxybis(1-Chloropropane)	1.823	1.697		-6.9	
Acetophenone	0.479	0.517		7.9	
3+4-Methylphenols	1.499	1.362		-9.1	
n-Nitroso-di-n-propylamine	1.052	0.965	0.050	-8.3	
Nitrobenzene-d5	0.336	0.377		12.2	
Hexachloroethane	0.568	0.524		-7.7	
Nitrobenzene	0.349	0.384		10.0	
Isophorone	0.648	0.664		2.5	
2-Nitrophenol	0.170	0.186		9.4	20.0
2,4-Dimethylphenol	0.276	0.309		12.0	
bis(2-Chloroethoxy)methane	0.380	0.400		5.3	
2,4-Dichlorophenol	0.271	0.288		6.3	20.0
Naphthalene	0.991	1.062		7.2	
4-Chloroaniline	0.404	0.409		1.2	
Hexachlorobutadiene	0.170	0.185		8.8	20.0
Caprolactam	0.078	0.086		10.3	
4-Chloro-3-methylphenol	0.301	0.316		5.0	20.0
2-Methylnaphthalene	0.691	0.729		5.5	
Hexachlorocyclopentadiene	0.241	0.217	0.050	-10.0	
2,4,6-Trichlorophenol	0.357	0.382		7.0	20.0
2-Fluorobiphenyl	1.285	1.308		1.8	
2,4,5-Trichlorophenol	0.384	0.399		3.9	
1,1-Biphenyl	1.486	1.552		4.4	
2-Chloronaphthalene	1.178	1.258		6.8	
2-Nitroaniline	0.358	0.399		11.5	
Dimethylphthalate	1.415	1.477		4.4	
Acenaphthylene	2.004	2.114		5.5	
2,6-Dinitrotoluene	0.290	0.306		5.5	
3-Nitroaniline	0.329	0.363		10.3	
Acenaphthene	1.134	1.190		4.9	20.0
2,4-Dinitrophenol	0.128	0.071	0.050	-44.5	
4-Nitrophenol	0.252	0.253	0.050	0.4	
Dibenzofuran	1.640	1.686		2.8	
2,4-Dinitrotoluene	0.386	0.400		3.6	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG No.: F5210

Instrument ID: BNA_F Calibration Date/Time: 12/26/2014 00:27

Lab File ID: BF076588.D Init. Calib. Date(s): 12/17/2014 12/17/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:52 17:44

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.445	1.539		6.5	
4-Chlorophenyl-phenylether	0.596	0.635		6.5	
Fluorene	1.378	1.422		3.2	
4-Nitroaniline	0.346	0.377		9.0	
4,6-Dinitro-2-methylphenol	0.125	0.093		-25.6	
n-Nitrosodiphenylamine	0.703	0.735		4.6	20.0
2,4,6-Tribromophenol	0.169	0.183		8.3	
4-Bromophenyl-phenylether	0.195	0.206		5.6	
Hexachlorobenzene	0.227	0.224		-1.3	
Atrazine	0.210	0.217		3.3	
Pentachlorophenol	0.111	0.096		-13.5	20.0
Phenanthrene	1.207	1.228		1.7	
Anthracene	1.184	1.183		-0.1	
Carbazole	1.148	1.185		3.2	
Di-n-butylphthalate	1.410	1.528		8.4	
Fluoranthene	1.232	1.261		2.4	20.0
Pyrene	1.399	1.376		-1.6	
Terphenyl-d14	0.907	0.897		-1.1	
Butylbenzylphthalate	0.669	0.750		12.1	
3,3-Dichlorobenzidine	0.416	0.442		6.3	
Benzo(a)anthracene	1.245	1.311		5.3	
Chrysene	1.140	1.177		3.2	
Bis(2-ethylhexyl)phthalate	1.012	1.086		7.3	
Di-n-octyl phthalate	1.728	1.856		7.4	20.0
Benzo(b)fluoranthene	1.319	1.320		0.1	
Benzo(k)fluoranthene	1.229	1.339		8.9	
Benzo(a)pyrene	1.177	1.245		5.8	20.0
Indeno(1,2,3-cd)pyrene	1.251	1.321		5.6	
Dibenzo(a,h)anthracene	1.167	1.237		6.0	
Benzo(g,h,i)perylene	1.135	1.214		7.0	
1,2,4,5-Tetrachlorobenzene	0.492	0.510		3.7	
2,3,4,6-Tetrachlorophenol	0.286	0.302		5.6	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	F5210	**OrderDate:**	12/22/2014 5:01:00 PM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	J63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F5210-01	**MW-1**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/24/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-02	**MW-2**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-05	**MW-3**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-06	**FD01**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-07	**EB01**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	

Hit Summary Sheet
SW-846

SDG No.: **Order ID:**

Client: **Project ID:**

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011137.D	1	12/24/14 08:00	12/24/14 16:55	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.051	U	0.005	0.01	0.051	ug/L
319-85-7	beta-BHC	0.051	U	0.009	0.01	0.051	ug/L
319-86-8	delta-BHC	0.051	U	0.006	0.01	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.051	U	0.006	0.01	0.051	ug/L
76-44-8	Heptachlor	0.051	U	0.007	0.01	0.051	ug/L
309-00-2	Aldrin	0.051	U	0.006	0.01	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.051	U	0.007	0.01	0.051	ug/L
959-98-8	Endosulfan I	0.051	U	0.006	0.01	0.051	ug/L
60-57-1	Dieldrin	0.051	U	0.005	0.01	0.051	ug/L
72-55-9	4,4-DDE	0.051	U	0.005	0.01	0.051	ug/L
72-20-8	Endrin	0.051	U	0.006	0.01	0.051	ug/L
33213-65-9	Endosulfan II	0.051	U	0.006	0.01	0.051	ug/L
72-54-8	4,4-DDD	0.051	U	0.007	0.01	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.051	U	0.006	0.01	0.051	ug/L
50-29-3	4,4-DDT	0.051	U	0.006	0.01	0.051	ug/L
72-43-5	Methoxychlor	0.051	U	0.005	0.01	0.051	ug/L
53494-70-5	Endrin ketone	0.051	U	0.006	0.01	0.051	ug/L
7421-93-4	Endrin aldehyde	0.051	U	0.005	0.01	0.051	ug/L
5103-71-9	alpha-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
5103-74-2	gamma-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
8001-35-2	Toxaphene	0.51	U	0.102	0.102	0.51	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.4		10 - 192		82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		10 - 172		103%	SPK: 20

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011137.D	1	12/24/14 08:00	12/24/14 16:55	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011138.D	1	12/24/14 08:00	12/24/14 17:09	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.051	U	0.005	0.01	0.051	ug/L
319-85-7	beta-BHC	0.051	U	0.009	0.01	0.051	ug/L
319-86-8	delta-BHC	0.051	U	0.006	0.01	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.051	U	0.006	0.01	0.051	ug/L
76-44-8	Heptachlor	0.051	U	0.007	0.01	0.051	ug/L
309-00-2	Aldrin	0.051	U	0.006	0.01	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.051	U	0.007	0.01	0.051	ug/L
959-98-8	Endosulfan I	0.051	U	0.006	0.01	0.051	ug/L
60-57-1	Dieldrin	0.051	U	0.005	0.01	0.051	ug/L
72-55-9	4,4-DDE	0.051	U	0.005	0.01	0.051	ug/L
72-20-8	Endrin	0.051	U	0.006	0.01	0.051	ug/L
33213-65-9	Endosulfan II	0.051	U	0.006	0.01	0.051	ug/L
72-54-8	4,4-DDD	0.051	U	0.007	0.01	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.051	U	0.006	0.01	0.051	ug/L
50-29-3	4,4-DDT	0.051	U	0.006	0.01	0.051	ug/L
72-43-5	Methoxychlor	0.051	U	0.005	0.01	0.051	ug/L
53494-70-5	Endrin ketone	0.051	U	0.006	0.01	0.051	ug/L
7421-93-4	Endrin aldehyde	0.051	U	0.005	0.01	0.051	ug/L
5103-71-9	alpha-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
5103-74-2	gamma-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
8001-35-2	Toxaphene	0.505	U	0.101	0.101	0.505	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.7		10 - 192		74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		10 - 172		97%	SPK: 20

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011138.D	1	12/24/14 08:00	12/24/14 17:09	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011141.D	1	12/24/14 08:00	12/24/14 17:52	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.051	U	0.005	0.01	0.051	ug/L
319-85-7	beta-BHC	0.051	U	0.009	0.01	0.051	ug/L
319-86-8	delta-BHC	0.051	U	0.006	0.01	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.051	U	0.006	0.01	0.051	ug/L
76-44-8	Heptachlor	0.051	U	0.007	0.01	0.051	ug/L
309-00-2	Aldrin	0.051	U	0.006	0.01	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.051	U	0.007	0.01	0.051	ug/L
959-98-8	Endosulfan I	0.051	U	0.006	0.01	0.051	ug/L
60-57-1	Dieldrin	0.051	U	0.005	0.01	0.051	ug/L
72-55-9	4,4-DDE	0.051	U	0.005	0.01	0.051	ug/L
72-20-8	Endrin	0.051	U	0.006	0.01	0.051	ug/L
33213-65-9	Endosulfan II	0.051	U	0.006	0.01	0.051	ug/L
72-54-8	4,4-DDD	0.051	U	0.007	0.01	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.051	U	0.006	0.01	0.051	ug/L
50-29-3	4,4-DDT	0.051	U	0.006	0.01	0.051	ug/L
72-43-5	Methoxychlor	0.051	U	0.005	0.01	0.051	ug/L
53494-70-5	Endrin ketone	0.051	U	0.006	0.01	0.051	ug/L
7421-93-4	Endrin aldehyde	0.051	U	0.005	0.01	0.051	ug/L
5103-71-9	alpha-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
5103-74-2	gamma-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
8001-35-2	Toxaphene	0.505	U	0.101	0.101	0.505	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	15		10 - 192		75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		10 - 172		96%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011141.D	1	12/24/14 08:00	12/24/14 17:52	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011142.D	1	12/24/14 08:00	12/24/14 18:06	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.051	U	0.005	0.01	0.051	ug/L
319-85-7	beta-BHC	0.051	U	0.009	0.01	0.051	ug/L
319-86-8	delta-BHC	0.051	U	0.006	0.01	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.051	U	0.006	0.01	0.051	ug/L
76-44-8	Heptachlor	0.051	U	0.007	0.01	0.051	ug/L
309-00-2	Aldrin	0.051	U	0.006	0.01	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.051	U	0.007	0.01	0.051	ug/L
959-98-8	Endosulfan I	0.051	U	0.006	0.01	0.051	ug/L
60-57-1	Dieldrin	0.051	U	0.005	0.01	0.051	ug/L
72-55-9	4,4-DDE	0.051	U	0.005	0.01	0.051	ug/L
72-20-8	Endrin	0.051	U	0.006	0.01	0.051	ug/L
33213-65-9	Endosulfan II	0.051	U	0.006	0.01	0.051	ug/L
72-54-8	4,4-DDD	0.051	U	0.007	0.01	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.051	U	0.006	0.01	0.051	ug/L
50-29-3	4,4-DDT	0.051	U	0.006	0.01	0.051	ug/L
72-43-5	Methoxychlor	0.051	U	0.005	0.01	0.051	ug/L
53494-70-5	Endrin ketone	0.051	U	0.006	0.01	0.051	ug/L
7421-93-4	Endrin aldehyde	0.051	U	0.005	0.01	0.051	ug/L
5103-71-9	alpha-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
5103-74-2	gamma-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
8001-35-2	Toxaphene	0.51	U	0.102	0.102	0.51	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.3		10 - 192		71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		10 - 172		93%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011142.D	1	12/24/14 08:00	12/24/14 18:06	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011143.D	1	12/24/14 08:00	12/24/14 18:20	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.051	U	0.005	0.01	0.051	ug/L
319-85-7	beta-BHC	0.051	U	0.009	0.01	0.051	ug/L
319-86-8	delta-BHC	0.051	U	0.006	0.01	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.051	U	0.006	0.01	0.051	ug/L
76-44-8	Heptachlor	0.051	U	0.007	0.01	0.051	ug/L
309-00-2	Aldrin	0.051	U	0.006	0.01	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.051	U	0.007	0.01	0.051	ug/L
959-98-8	Endosulfan I	0.051	U	0.006	0.01	0.051	ug/L
60-57-1	Dieldrin	0.051	U	0.005	0.01	0.051	ug/L
72-55-9	4,4-DDE	0.051	U	0.005	0.01	0.051	ug/L
72-20-8	Endrin	0.051	U	0.006	0.01	0.051	ug/L
33213-65-9	Endosulfan II	0.051	U	0.006	0.01	0.051	ug/L
72-54-8	4,4-DDD	0.051	U	0.007	0.01	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.051	U	0.006	0.01	0.051	ug/L
50-29-3	4,4-DDT	0.051	U	0.006	0.01	0.051	ug/L
72-43-5	Methoxychlor	0.051	U	0.005	0.01	0.051	ug/L
53494-70-5	Endrin ketone	0.051	U	0.006	0.01	0.051	ug/L
7421-93-4	Endrin aldehyde	0.051	U	0.005	0.01	0.051	ug/L
5103-71-9	alpha-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
5103-74-2	gamma-Chlordane	0.051	U	0.005	0.01	0.051	ug/L
8001-35-2	Toxaphene	0.505	U	0.101	0.101	0.505	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.86		10 - 192		49%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		10 - 172		85%	SPK: 20

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011143.D	1	12/24/14 08:00	12/24/14 18:20	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL010972.D	PIBLK-PL010972.D	Decachlorobiphenyl	1	20	19.95	100		10	192
		Tetrachloro-m-xylene	1	20	18.39	92		10	172
		Decachlorobiphenyl	2	20	18.92	95		10	192
		Tetrachloro-m-xylene	2	20	18.22	91		10	172
I.BLK-PL011132.D	PIBLK-PL011132.D	Decachlorobiphenyl	1	20	17.87	89		10	192
		Tetrachloro-m-xylene	1	20	19.78	99		10	172
		Decachlorobiphenyl	2	20	18.29	91		10	192
		Tetrachloro-m-xylene	2	20	19.35	97		10	172
PB81072BS	PB81072BS	Decachlorobiphenyl	1	20	17.03	85		10	192
		Tetrachloro-m-xylene	1	20	20.25	101		10	172
		Decachlorobiphenyl	2	20	17.47	87		10	192
		Tetrachloro-m-xylene	2	20	18.69	93		10	172
PB81072BL	PB81072BL	Decachlorobiphenyl	1	20	17.33	87		10	192
		Tetrachloro-m-xylene	1	20	18.54	93		10	172
		Decachlorobiphenyl	2	20	17.42	87		10	192
		Tetrachloro-m-xylene	2	20	18.54	93		10	172
F5210-01	MW-1	Decachlorobiphenyl	1	20	16.41	82		10	192
		Tetrachloro-m-xylene	1	20	20.63	103		10	172
		Decachlorobiphenyl	2	20	16.35	82		10	192
		Tetrachloro-m-xylene	2	20	20.23	101		10	172
F5210-02	MW-2	Decachlorobiphenyl	1	20	14.73	74		10	192
		Tetrachloro-m-xylene	1	20	19.38	97		10	172
		Decachlorobiphenyl	2	20	15.36	77		10	192
		Tetrachloro-m-xylene	2	20	18.55	93		10	172
F5210-03MS	MW-2MS	Decachlorobiphenyl	1	20	15.7	79		10	192
		Tetrachloro-m-xylene	1	20	20.85	104		10	172
		Decachlorobiphenyl	2	20	15.95	80		10	192
		Tetrachloro-m-xylene	2	20	19.76	99		10	172
F5210-04MSD	MW-2MSD	Decachlorobiphenyl	1	20	15.9	79		10	192
		Tetrachloro-m-xylene	1	20	20.68	103		10	172
		Decachlorobiphenyl	2	20	16.59	83		10	192
		Tetrachloro-m-xylene	2	20	20.34	102		10	172
F5210-05	MW-3	Decachlorobiphenyl	1	20	15.03	75		10	192
		Tetrachloro-m-xylene	1	20	19.11	96		10	172
		Decachlorobiphenyl	2	20	15.49	77		10	192
		Tetrachloro-m-xylene	2	20	18.58	93		10	172
F5210-06	FD01	Decachlorobiphenyl	1	20	14.28	71		10	192
		Tetrachloro-m-xylene	1	20	18.53	93		10	172
		Decachlorobiphenyl	2	20	14.62	73		10	192
		Tetrachloro-m-xylene	2	20	18.16	91		10	172
F5210-07	EB01	Decachlorobiphenyl	1	20	9.86	49		10	192
		Tetrachloro-m-xylene	1	20	16.91	85		10	172
		Decachlorobiphenyl	2	20	9.97	50		10	192

Surrogate Summary

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
F5210-07	EB01	Tetrachloro-m-xylene	2	20	19.59	98		10	172
I.BLK-PL011144.D	PIBLK-PL011144.D	Decachlorobiphenyl	1	20	18.28	91		10	192
		Tetrachloro-m-xylene	1	20	19.96	100		10	172
		Decachlorobiphenyl	2	20	18.74	94		10	192
		Tetrachloro-m-xylene	2	20	19.49	97		10	172

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **DataFile :** PL011139.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**MW-2MS**											
F5210-03MS	alpha-BHC	0.5	0	0.559	ug/L	112				46	160	
	beta-BHC	0.5	0	0.531	ug/L	106				15	180	
	delta-BHC	0.5	0	0.491	ug/L	98				10	200	
	gamma-BHC (Lindane)	0.5	0	0.572	ug/L	114				39	164	
	Heptachlor	0.5	0	0.515	ug/L	103				38	169	
	Aldrin	0.5	0	0.484	ug/L	97				45	147	
	Heptachlor epoxide	0.5	0	0.514	ug/L	103				17	170	
	Endosulfan I	0.5	0	0.513	ug/L	103				34	157	
	Dieldrin	0.5	0	0.522	ug/L	104				46	155	
	4,4'-DDE	0.5	0	0.504	ug/L	101				36	162	
	Endrin	0.5	0	0.533	ug/L	107				33	170	
	Endosulfan II	0.5	0	0.516	ug/L	103				21	168	
	4,4'-DDD	0.5	0	0.512	ug/L	102				15	196	
	Endosulfan sulfate	0.5	0	0.508	ug/L	102				14	183	
	4,4'-DDT	0.5	0	0.529	ug/L	106				15	194	
	Methoxychlor	0.5	0	0.526	ug/L	105				20	189	
	Endrin ketone	0.5	0	0.511	ug/L	102				25	200	
	Endrin aldehyde	0.5	0	0.495	ug/L	99				28	175	
	alpha-Chlordane	0.5	0	0.498	ug/L	100				34	160	
	gamma-Chlordane	0.5	0	0.504	ug/L	101				31	163	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **DataFile :** PL011140.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**MW-2MSD**											
F5210-04MSD	alpha-BHC	0.515	0	0.591	ug/L	115		3		46	160	20
	beta-BHC	0.515	0	0.562	ug/L	109		3		15	180	20
	delta-BHC	0.515	0	0.519	ug/L	101		3		10	200	20
	gamma-BHC (Lindane)	0.515	0	0.584	ug/L	113		1		39	164	20
	Heptachlor	0.515	0	0.546	ug/L	106		3		38	169	20
	Aldrin	0.515	0	0.511	ug/L	99		2		45	147	22
	Heptachlor epoxide	0.515	0	0.536	ug/L	104		1		17	170	20
	Endosulfan I	0.515	0	0.528	ug/L	103		0		34	157	20
	Dieldrin	0.515	0	0.548	ug/L	106		2		46	155	20
	4,4'-DDE	0.515	0	0.53	ug/L	103		2		36	162	20
	Endrin	0.515	0	0.559	ug/L	109		2		33	170	20
	Endosulfan II	0.515	0	0.542	ug/L	105		2		21	168	20
	4,4'-DDD	0.515	0	0.539	ug/L	105		3		15	196	20
	Endosulfan sulfate	0.515	0	0.535	ug/L	104		2		14	183	20
	4,4'-DDT	0.515	0	0.555	ug/L	108		2		15	194	20
	Methoxychlor	0.515	0	0.547	ug/L	106		1		20	189	20
	Endrin ketone	0.515	0	0.535	ug/L	104		2		25	200	20
	Endrin aldehyde	0.515	0	0.518	ug/L	101		2		28	175	20
	alpha-Chlordane	0.515	0	0.521	ug/L	101		1		34	160	20
	gamma-Chlordane	0.515	0	0.53	ug/L	103		2		31	163	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8081B **Datafile :** PL011135.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB81072BS	alpha-BHC	0.5	0.484	ug/L	97				85	130	
	beta-BHC	0.5	0.432	ug/L	86				83	126	
	delta-BHC	0.5	0.445	ug/L	89				69	141	
	gamma-BHC (Lindane)	0.5	0.523	ug/L	105				82	129	
	Heptachlor	0.5	0.472	ug/L	94				79	127	
	Aldrin	0.5	0.424	ug/L	85				79	126	
	Heptachlor epoxide	0.5	0.436	ug/L	87				81	124	
	Endosulfan I	0.5	0.458	ug/L	92				85	122	
	Dieldrin	0.5	0.466	ug/L	93				83	125	
	4,4'-DDE	0.5	0.462	ug/L	92				80	127	
	Endrin	0.5	0.445	ug/L	89				81	128	
	Endosulfan II	0.5	0.449	ug/L	90				82	123	
	4,4'-DDD	0.5	0.464	ug/L	93				77	131	
	Endosulfan sulfate	0.5	0.435	ug/L	87				76	129	
	4,4'-DDT	0.5	0.465	ug/L	93				80	133	
	Methoxychlor	0.5	0.471	ug/L	94				76	137	
	Endrin ketone	0.5	0.449	ug/L	90				80	131	
	Endrin aldehyde	0.5	0.447	ug/L	89				82	127	
	alpha-Chlordane	0.5	0.451	ug/L	90				82	125	
	gamma-Chlordane	0.5	0.453	ug/L	91				82	125	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB81072BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab Sample ID: PB81072BL Lab File ID: PL011136.D

Matrix: (soil/water) Water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 12/24/2014

Date Analyzed (1): 12/24/2014 Date Analyzed (2): 12/24/2014

Time Analyzed (1): 16:40 Time Analyzed (2): 16:40

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB81072BS	PB81072BS	PL011135.D	12/24/2014	12/24/2014
MW-1	F5210-01	PL011137.D	12/24/2014	12/24/2014
MW-2	F5210-02	PL011138.D	12/24/2014	12/24/2014
MW-2MS	F5210-03MS	PL011139.D	12/24/2014	12/24/2014
MW-2MSD	F5210-04MSD	PL011140.D	12/24/2014	12/24/2014
MW-3	F5210-05	PL011141.D	12/24/2014	12/24/2014
FD01	F5210-06	PL011142.D	12/24/2014	12/24/2014
EB01	F5210-07	PL011143.D	12/24/2014	12/24/2014

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81072BL	SDG No.:	F5210
Lab Sample ID:	PB81072BL	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011136.D	1	12/24/14 08:00	12/24/14 16:40	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.3		10 - 192		87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		10 - 172		93%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81072BL	SDG No.:	F5210
Lab Sample ID:	PB81072BL	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011136.D	1	12/24/14 08:00	12/24/14 16:40	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/15/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/15/14
Client Sample ID:	PIBLK-PL010972.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PL010972.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL010972.D	1		12/15/14	PL121514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	20		10 - 192		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		10 - 172		92%	SPK: 20

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/15/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/15/14
Client Sample ID:	PIBLK-PL010972.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PL010972.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL010972.D	1		12/15/14	PL121514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/24/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/24/14
Client Sample ID:	PIBLK-PL011132.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PL011132.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011132.D	1		12/24/14	PL122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.9		10 - 192		89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		10 - 172		99%	SPK: 20

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/24/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/24/14
Client Sample ID:	PIBLK-PL011132.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PL011132.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011132.D	1		12/24/14	PL122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/24/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/24/14
Client Sample ID:	PIBLK-PL011144.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PL011144.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011144.D	1		12/24/14	PL122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.3		10 - 192		91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20		10 - 172		100%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/24/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/24/14
Client Sample ID:	PIBLK-PL011144.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PL011144.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011144.D	1		12/24/14	PL122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81072BS	SDG No.:	F5210
Lab Sample ID:	PB81072BS	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011135.D	1	12/24/14 08:00	12/24/14 16:25	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.484		0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.432		0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.445		0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.523		0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.472		0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.424		0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.436		0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.458		0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.466		0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.462		0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.445		0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.449		0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.464		0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.435		0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.465		0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.471		0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.449		0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.447		0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.451		0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.453		0.005	0.01	0.05	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	17		10 - 192		85%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		10 - 172		101%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011139.D	1	12/24/14 08:00	12/24/14 17:23	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.559		0.005	0.01	0.05	ug/L
319-85-7	beta-BHC	0.531		0.009	0.01	0.05	ug/L
319-86-8	delta-BHC	0.491		0.006	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.572		0.006	0.01	0.05	ug/L
76-44-8	Heptachlor	0.515		0.007	0.01	0.05	ug/L
309-00-2	Aldrin	0.484		0.006	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.514		0.007	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.513		0.006	0.01	0.05	ug/L
60-57-1	Dieldrin	0.522		0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.504		0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.533		0.006	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.516		0.006	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.512		0.007	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.508		0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.529		0.006	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.526		0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.511		0.006	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.495		0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.498		0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.504		0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	15.7		10 - 192		79%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		10 - 172		104%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011139.D	1	12/24/14 08:00	12/24/14 17:23	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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J = Estimated Value
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* = Values outside of QC limits
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	970 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011140.D	1	12/24/14 08:00	12/24/14 17:37	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.591		0.005	0.01	0.052	ug/L
319-85-7	beta-BHC	0.562		0.009	0.01	0.052	ug/L
319-86-8	delta-BHC	0.519		0.006	0.01	0.052	ug/L
58-89-9	gamma-BHC (Lindane)	0.584		0.006	0.01	0.052	ug/L
76-44-8	Heptachlor	0.546		0.007	0.01	0.052	ug/L
309-00-2	Aldrin	0.511		0.006	0.01	0.052	ug/L
1024-57-3	Heptachlor epoxide	0.536		0.007	0.01	0.052	ug/L
959-98-8	Endosulfan I	0.528		0.006	0.01	0.052	ug/L
60-57-1	Dieldrin	0.548		0.005	0.01	0.052	ug/L
72-55-9	4,4-DDE	0.53		0.005	0.01	0.052	ug/L
72-20-8	Endrin	0.559		0.006	0.01	0.052	ug/L
33213-65-9	Endosulfan II	0.542		0.006	0.01	0.052	ug/L
72-54-8	4,4-DDD	0.539		0.007	0.01	0.052	ug/L
1031-07-8	Endosulfan Sulfate	0.535		0.006	0.01	0.052	ug/L
50-29-3	4,4-DDT	0.555		0.006	0.01	0.052	ug/L
72-43-5	Methoxychlor	0.547		0.005	0.01	0.052	ug/L
53494-70-5	Endrin ketone	0.535		0.006	0.01	0.052	ug/L
7421-93-4	Endrin aldehyde	0.518		0.005	0.01	0.052	ug/L
5103-71-9	alpha-Chlordane	0.521		0.005	0.01	0.052	ug/L
5103-74-2	gamma-Chlordane	0.53		0.005	0.01	0.052	ug/L
8001-35-2	Toxaphene	0.515	U	0.103	0.103	0.515	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	15.9		10 - 192		79%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		10 - 172		103%	SPK: 20

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100 Decanted:
Sample Wt/Vol:	970 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL011140.D	1	12/24/14 08:00	12/24/14 17:37	PB81072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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() = Laboratory InHouse Limit

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_L **Calibration Date(s):** 12/15/2014 12/15/2014

Calibration Times: 15:28 16:26

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL010975.D RT 075 = PL010976.D

RT 050 = PL010977.D RT 025 = PL010978.D RT 005 = PL010979.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
4,4'-DDE	6.09	6.09	6.09	6.09	6.09	6.09	5.99	6.19
4,4'-DDT	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	4.17	4.17	4.17	4.17	4.16	4.17	4.07	4.27
alpha-Chlordane	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
beta-BHC	4.64	4.64	4.63	4.64	4.63	4.63	4.53	4.73
Decachlorobiphenyl	8.75	8.75	8.75	8.75	8.75	8.75	8.65	8.85
delta-BHC	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Dieldrin	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Endosulfan I	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Endosulfan II	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Endosulfan sulfate	7.00	7.00	7.00	7.00	7.00	7.00	6.90	7.10
Endrin	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Endrin aldehyde	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endrin ketone	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
gamma-BHC (Lindane)	4.45	4.45	4.45	4.45	4.44	4.45	4.35	4.55
gamma-Chlordane	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Methoxychlor	7.34	7.34	7.34	7.34	7.34	7.34	7.24	7.44
Tetrachloro-m-xylene	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_L **Calibration Date(s):** 12/15/2014 12/15/2014

Calibration Times: 15:28 16:26

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL010975.D RT 075 = PL010976.D

RT 050 = PL010977.D RT 025 = PL010978.D RT 005 = PL010979.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
4,4'-DDE	5.42	5.42	5.42	5.42	5.42	5.42	5.32	5.52
4,4'-DDT	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Aldrin	4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
alpha-BHC	3.74	3.74	3.74	3.74	3.74	3.74	3.64	3.84
alpha-Chlordane	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
beta-BHC	4.27	4.27	4.27	4.27	4.27	4.27	4.17	4.37
Decachlorobiphenyl	7.98	7.98	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.47	4.47	4.46	4.47	4.47	4.46	4.36	4.56
Dieldrin	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Endosulfan I	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Endosulfan II	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Endosulfan sulfate	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Endrin	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.95	6.95	6.95	6.95	6.95	6.95	6.85	7.05
gamma-BHC (Lindane)	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
gamma-Chlordane	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Heptachlor	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
Heptachlor epoxide	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Methoxychlor	6.72	6.72	6.71	6.72	6.72	6.71	6.61	6.81
Tetrachloro-m-xylene	3.31	3.31	3.31	3.31	3.31	3.31	3.21	3.41

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_L

Calibration Date(s): 12/15/2014 12/15/2014

Calibration Times: 15:28 16:26

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL010975.D **CF 075 =** PL010976.D

CF 050 = PL010977.D **CF 025 =** PL010978.D **CF 005 =** PL010979.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1057990	985204	914801	826565	774319	911776	13
4,4'-DDE	1375130	1271820	1178490	1056570	983981	1173200	13
4,4'-DDT	1168200	1080570	986031	863398	845381	988716	14
Aldrin	1580450	1448550	1335830	1172450	1049170	1317290	16
alpha-BHC	1731300	1559080	1443140	1183550	946022	1372620	23
alpha-Chlordane	1566180	1483230	1437330	1345480	1285410	1423530	8
beta-BHC	890327	869715	879304	954057	1000350	918750	6
Decachlorobiphenyl	1754200	1759780	1799380	1837550	1936430	1817470	4
delta-BHC	1587690	1433110	1286160	1064580	1056130	1285530	18
Dieldrin	1445770	1349140	1257350	1140820	1067250	1252070	12
Endosulfan I	1651560	1577990	1494950	1406220	1352700	1496690	8
Endosulfan II	1403760	1341140	1299140	1239410	1203280	1297340	6
Endosulfan sulfate	1309090	1254530	1224570	1179620	1196880	1232940	4
Endrin	1289710	1206250	1127760	1036130	951631	1122290	12
Endrin aldehyde	1173440	1141060	1130760	1113570	1161530	1144070	2
Endrin ketone	1499620	1427310	1351240	1251170	1155980	1337060	10
gamma-BHC (Lindane)	1648440	1503270	1365560	1133690	1017010	1333590	19
gamma-Chlordane	1611000	1524350	1466630	1378020	1331820	1462360	8
Heptachlor	1931200	1815120	1741890	1635210	1693830	1763450	7
Heptachlor epoxide	1624020	1541600	1483450	1395080	1327610	1474350	8
Methoxychlor	737039	718185	703464	678845	557307	678968	11
Tetrachloro-m-xylene	1374540	1301670	1264490	1194690	902255	1207530	15

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_L

Calibration Date(s): 12/15/2014 12/15/2014

Calibration Times: 15:28 16:26

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL010975.D **CF 075 =** PL010976.D

CF 050 = PL010977.D **CF 025 =** PL010978.D **CF 005 =** PL010979.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	928788	899155	928088	892659	929677	915674	2
4,4'-DDE	1141460	1105820	1143180	1115270	1163170	1133780	2
4,4'-DDT	993361	962189	979279	926337	894946	951222	4
Aldrin	1225480	1186960	1221790	1181970	1227520	1208740	2
alpha-BHC	1297290	1249150	1271890	1205560	1124540	1229690	6
alpha-Chlordane	1117630	1086450	1127640	1107980	1176810	1123300	3
beta-BHC	482882	469769	491703	488170	507416	487988	3
Decachlorobiphenyl	970325	963677	994570	977885	1012760	983844	2
delta-BHC	1237460	1190600	1220980	1172750	1224030	1209160	2
Dieldrin	1188760	1148520	1182100	1144350	1172590	1167260	2
Endosulfan I	1050410	1034860	1078020	1058050	1134600	1071190	4
Endosulfan II	980262	976836	1014690	995767	1065910	1006690	4
Endosulfan sulfate	931559	928762	964734	947990	988159	952241	3
Endrin	1031080	1002590	1031780	1000370	1024710	1018110	2
Endrin aldehyde	815353	801539	840163	829553	915186	840359	5
Endrin ketone	1119410	1094990	1138710	1123400	1152190	1125740	2
gamma-BHC (Lindane)	1226140	1186120	1215660	1171530	1208730	1201640	2
gamma-Chlordane	1150630	1115150	1156640	1131550	1225610	1155920	4
Heptachlor	1322620	1285360	1325050	1289540	1319610	1308440	1
Heptachlor epoxide	1123320	1094040	1134420	1119740	1257390	1145780	6
Methoxychlor	522466	516630	536284	521177	507750	520861	2
Tetrachloro-m-xylene	868233	846759	875447	860229	885940	867322	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_L **Date(s) Analyzed:** 12/15/2014 12/15/2014

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.90	6.80	7.00	78443700
		2	6.98	6.88	7.08	68888800
		3	7.07	6.97	7.17	27301800
		4	7.39	7.29	7.49	53122800
		5	7.73	7.63	7.83	15517200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_L **Date(s) Analyzed:** 12/15/2014 12/15/2014

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.36	6.26	6.46	82188700
		2	6.71	6.61	6.81	37824000
		3	6.83	6.73	6.93	83157700
		4	7.13	7.03	7.23	35015500
		5	7.26	7.16	7.36	12664500

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/24/2014 **Initial Calibration Date(s):** 12/15/2014 12/15/2014

Continuing Calib Time: 12:48 **Initial Calibration Time(s):** 15:57

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.76	8.75	8.65	8.85	-0.01
Tetrachloro-m-xylene	3.78	3.78	3.68	3.88	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.64	4.63	4.53	4.73	-0.01
delta-BHC	4.84	4.84	4.74	4.94	0.00
gamma-BHC (Lindane)	4.45	4.45	4.35	4.55	0.00
Heptachlor	4.94	4.93	4.83	5.03	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.97	5.97	5.87	6.07	0.00
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.09	6.09	5.99	6.19	0.00
Endrin	6.44	6.44	6.34	6.54	0.00
Endosulfan II	6.66	6.66	6.56	6.76	0.00
4,4'-DDD	6.58	6.58	6.48	6.68	0.00
Endosulfan sulfate	7.01	7.00	6.90	7.10	-0.01
4,4'-DDT	6.88	6.87	6.77	6.97	-0.01
Methoxychlor	7.34	7.34	7.24	7.44	0.00
Endrin ketone	7.47	7.47	7.37	7.57	0.00
Endrin aldehyde	6.78	6.78	6.68	6.88	0.00
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/24/2014 **Initial Calibration Date(s):** 12/15/2014 12/15/2014

Continuing Calib Time: 12:48 **Initial Calibration Time(s):** 15:57

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	3.31	3.31	3.21	3.41	0.00
alpha-BHC	3.74	3.74	3.64	3.84	0.00
beta-BHC	4.27	4.27	4.17	4.37	0.00
delta-BHC	4.47	4.46	4.36	4.56	-0.01
gamma-BHC (Lindane)	4.02	4.02	3.92	4.12	0.00
Heptachlor	4.30	4.30	4.20	4.40	0.00
Aldrin	4.54	4.54	4.44	4.64	0.00
Heptachlor epoxide	4.98	4.98	4.88	5.08	0.00
Endosulfan I	5.31	5.31	5.21	5.41	0.00
Dieldrin	5.55	5.55	5.45	5.65	0.00
4,4'-DDE	5.42	5.42	5.32	5.52	0.00
Endrin	5.81	5.80	5.70	5.90	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.46	6.46	6.36	6.56	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.72	6.71	6.61	6.81	-0.01
Endrin ketone	6.95	6.95	6.85	7.05	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.25	5.25	5.15	5.35	0.00
gamma-Chlordane	5.20	5.20	5.10	5.30	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/15/2014 12/15/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/24/2014

Lab Sample No.: PSTDCCC050 **Data File :** PL011134.D **Time Analyzed:** 12:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.581	6.479	6.679	46.810	50.000	-6.4
4,4'-DDE	6.090	5.987	6.187	45.970	50.000	-8.1
4,4'-DDT	6.875	6.772	6.972	44.560	50.000	-10.9
Aldrin	5.229	5.127	5.327	49.720	50.000	-0.6
alpha-BHC	4.169	4.066	4.266	47.500	50.000	-5.0
alpha-Chlordane	5.920	5.818	6.018	47.490	50.000	-5.0
beta-BHC	4.637	4.534	4.734	48.020	50.000	-4.0
Decachlorobiphenyl	8.756	8.652	8.852	44.330	50.000	-11.3
delta-BHC	4.842	4.739	4.939	50.120	50.000	0.2
Dieldrin	6.224	6.121	6.321	47.550	50.000	-4.9
Endosulfan I	5.968	5.866	6.066	47.190	50.000	-5.6
Endosulfan II	6.657	6.555	6.755	46.190	50.000	-7.6
Endosulfan sulfate	7.005	6.904	7.104	45.350	50.000	-9.3
Endrin	6.439	6.337	6.537	47.170	50.000	-5.7
Endrin aldehyde	6.783	6.680	6.880	45.610	50.000	-8.8
Endrin ketone	7.469	7.367	7.567	32.940	50.000	-34.1
gamma-BHC (Lindane)	4.448	4.346	4.546	52.410	50.000	4.8
gamma-Chlordane	5.851	5.749	5.949	47.690	50.000	-4.6
Heptachlor	4.935	4.832	5.032	48.640	50.000	-2.7
Heptachlor epoxide	5.618	5.516	5.716	48.460	50.000	-3.1
Methoxychlor	7.344	7.241	7.441	47.040	50.000	-5.9
Tetrachloro-m-xylene	3.783	3.681	3.881	54.760	50.000	9.5

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 12/15/2014 12/15/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/24/2014

Lab Sample No.: PSTDCCC050 **Data File :** PL011134.D **Time Analyzed:** 12:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.934	5.833	6.033	48.010	50.000	-4.0
4,4'-DDE	5.420	5.318	5.518	48.020	50.000	-4.0
4,4'-DDT	6.169	6.067	6.267	47.730	50.000	-4.5
Aldrin	4.536	4.435	4.635	48.970	50.000	-2.1
alpha-BHC	3.739	3.638	3.838	51.410	50.000	2.8
alpha-Chlordane	5.254	5.153	5.353	46.640	50.000	-6.7
beta-BHC	4.272	4.170	4.370	48.560	50.000	-2.9
Decachlorobiphenyl	7.979	7.877	8.077	45.870	50.000	-8.3
delta-BHC	4.466	4.364	4.564	48.520	50.000	-3.0
Dieldrin	5.549	5.447	5.647	48.440	50.000	-3.1
Endosulfan I	5.308	5.207	5.407	47.390	50.000	-5.2
Endosulfan II	6.081	5.979	6.179	47.310	50.000	-5.4
Endosulfan sulfate	6.460	6.359	6.559	47.230	50.000	-5.5
Endrin	5.805	5.703	5.903	48.920	50.000	-2.2
Endrin aldehyde	6.250	6.148	6.348	46.580	50.000	-6.8
Endrin ketone	6.947	6.846	7.046	46.390	50.000	-7.2
gamma-BHC (Lindane)	4.017	3.915	4.115	49.580	50.000	-0.8
gamma-Chlordane	5.197	5.096	5.296	47.100	50.000	-5.8
Heptachlor	4.297	4.196	4.396	48.920	50.000	-2.2
Heptachlor epoxide	4.976	4.875	5.075	46.990	50.000	-6.0
Methoxychlor	6.716	6.614	6.814	47.060	50.000	-5.9
Tetrachloro-m-xylene	3.307	3.206	3.406	49.280	50.000	-1.4

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/24/2014 **Initial Calibration Date(s):** 12/15/2014 12/15/2014

Continuing Calib Time: 18:48 **Initial Calibration Time(s):** 15:57

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.76	8.75	8.65	8.85	-0.01
Tetrachloro-m-xylene	3.78	3.78	3.68	3.88	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.64	4.63	4.53	4.73	-0.01
delta-BHC	4.84	4.84	4.74	4.94	0.00
gamma-BHC (Lindane)	4.45	4.45	4.35	4.55	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.97	5.97	5.87	6.07	0.00
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.09	6.09	5.99	6.19	0.00
Endrin	6.44	6.44	6.34	6.54	0.00
Endosulfan II	6.66	6.66	6.56	6.76	0.00
4,4'-DDD	6.58	6.58	6.48	6.68	0.00
Endosulfan sulfate	7.01	7.00	6.90	7.10	-0.01
4,4'-DDT	6.88	6.87	6.77	6.97	-0.01
Methoxychlor	7.34	7.34	7.24	7.44	0.00
Endrin ketone	7.47	7.47	7.37	7.57	0.00
Endrin aldehyde	6.78	6.78	6.68	6.88	0.00
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/24/2014 **Initial Calibration Date(s):** 12/15/2014 12/15/2014

Continuing Calib Time: 18:48 **Initial Calibration Time(s):** 15:57

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	3.31	3.31	3.21	3.41	0.00
alpha-BHC	3.74	3.74	3.64	3.84	0.00
beta-BHC	4.27	4.27	4.17	4.37	0.00
delta-BHC	4.47	4.46	4.36	4.56	-0.01
gamma-BHC (Lindane)	4.02	4.02	3.92	4.12	0.00
Heptachlor	4.30	4.30	4.20	4.40	0.00
Aldrin	4.54	4.54	4.44	4.64	0.00
Heptachlor epoxide	4.98	4.98	4.88	5.08	0.00
Endosulfan I	5.31	5.31	5.21	5.41	0.00
Dieldrin	5.55	5.55	5.45	5.65	0.00
4,4'-DDE	5.42	5.42	5.32	5.52	0.00
Endrin	5.81	5.80	5.70	5.90	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.94	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.46	6.46	6.36	6.56	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.72	6.71	6.61	6.81	-0.01
Endrin ketone	6.95	6.95	6.85	7.05	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.25	5.25	5.15	5.35	0.00
gamma-Chlordane	5.20	5.20	5.10	5.30	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/15/2014 12/15/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/24/2014

Lab Sample No.: PSTDCCC050 **Data File :** PL011145.D **Time Analyzed:** 18:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.582	6.479	6.679	49.760	50.000	-0.5
4,4'-DDE	6.090	5.987	6.187	49.050	50.000	-1.9
4,4'-DDT	6.875	6.772	6.972	46.430	50.000	-7.1
Aldrin	5.230	5.127	5.327	51.540	50.000	3.1
alpha-BHC	4.167	4.066	4.266	49.480	50.000	-1.0
alpha-Chlordane	5.920	5.818	6.018	49.470	50.000	-1.1
beta-BHC	4.636	4.534	4.734	48.580	50.000	-2.8
Decachlorobiphenyl	8.756	8.652	8.852	47.730	50.000	-4.5
delta-BHC	4.841	4.739	4.939	52.130	50.000	4.3
Dieldrin	6.224	6.121	6.321	49.980	50.000	0.0
Endosulfan I	5.968	5.866	6.066	48.860	50.000	-2.3
Endosulfan II	6.657	6.555	6.755	48.220	50.000	-3.6
Endosulfan sulfate	7.006	6.904	7.104	47.320	50.000	-5.4
Endrin	6.439	6.337	6.537	49.530	50.000	-0.9
Endrin aldehyde	6.782	6.680	6.880	45.490	50.000	-9.0
Endrin ketone	7.470	7.367	7.567	47.690	50.000	-4.6
gamma-BHC (Lindane)	4.447	4.346	4.546	55.130	50.000	10.3
gamma-Chlordane	5.851	5.749	5.949	49.580	50.000	-0.8
Heptachlor	4.934	4.832	5.032	50.130	50.000	0.3
Heptachlor epoxide	5.618	5.516	5.716	50.030	50.000	0.1
Methoxychlor	7.344	7.241	7.441	51.390	50.000	2.8
Tetrachloro-m-xylene	3.782	3.681	3.881	57.110	50.000	14.2

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/15/2014 12/15/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/24/2014

Lab Sample No.: PSTDCCC050 **Data File :** PL011145.D **Time Analyzed:** 18:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.935	5.833	6.033	50.730	50.000	1.5
4,4'-DDE	5.420	5.318	5.518	50.810	50.000	1.6
4,4'-DDT	6.170	6.067	6.267	52.530	50.000	5.1
Aldrin	4.537	4.435	4.635	52.310	50.000	4.6
alpha-BHC	3.739	3.638	3.838	55.690	50.000	11.4
alpha-Chlordane	5.254	5.153	5.353	49.770	50.000	-0.5
beta-BHC	4.272	4.170	4.370	51.880	50.000	3.8
Decachlorobiphenyl	7.980	7.877	8.077	49.960	50.000	-0.1
delta-BHC	4.466	4.364	4.564	52.070	50.000	4.1
Dieldrin	5.549	5.447	5.647	51.640	50.000	3.3
Endosulfan I	5.309	5.207	5.407	50.580	50.000	1.2
Endosulfan II	6.082	5.979	6.179	50.730	50.000	1.5
Endosulfan sulfate	6.461	6.359	6.559	50.590	50.000	1.2
Endrin	5.805	5.703	5.903	52.490	50.000	5.0
Endrin aldehyde	6.251	6.148	6.348	49.810	50.000	-0.4
Endrin ketone	6.949	6.846	7.046	50.730	50.000	1.5
gamma-BHC (Lindane)	4.017	3.915	4.115	53.190	50.000	6.4
gamma-Chlordane	5.198	5.096	5.296	50.090	50.000	0.2
Heptachlor	4.297	4.196	4.396	52.770	50.000	5.5
Heptachlor epoxide	4.976	4.875	5.075	50.170	50.000	0.3
Methoxychlor	6.717	6.614	6.814	50.830	50.000	1.7
Tetrachloro-m-xylene	3.307	3.206	3.406	52.920	50.000	5.8

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/15/2014 12/15/2014

Client Sample No. (PEM): PEM - PL010973.D Date Analyzed: 12/15/2014

Lab Sample No.(PEM): PEM Time Analyzed: 15:00

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.753	8.652	8.852	22.030	20.000	10.2
Tetrachloro-m-xylene	3.781	3.681	3.881	20.980	20.000	4.9
alpha-BHC	4.166	4.066	4.266	12.120	10.000	21.2
beta-BHC	4.635	4.534	4.734	12.040	10.000	20.4
gamma-BHC (Lindane)	4.446	4.346	4.546	8.010	10.000	-19.9
Endrin	6.438	6.337	6.537	51.880	50.000	3.8
4,4'-DDT	6.874	6.772	6.972	111.980	100.000	12.0
Methoxychlor	7.343	7.241	7.441	298.250	250.000	19.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/15/2014 12/15/2014

Client Sample No. (PEM): PEM - PL010973.D Date Analyzed: 12/15/2014

Lab Sample No.(PEM): PEM Time Analyzed: 15:00

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.978	7.877	8.077	21.060	20.000	5.3
Tetrachloro-m-xylene	3.306	3.206	3.406	20.660	20.000	3.3
alpha-BHC	3.738	3.638	3.838	9.940	10.000	-0.6
beta-BHC	4.271	4.170	4.370	11.260	10.000	12.6
gamma-BHC (Lindane)	4.016	3.915	4.115	10.240	10.000	2.4
Endrin	5.804	5.703	5.903	50.870	50.000	1.7
4,4'-DDT	6.168	6.067	6.267	109.450	100.000	9.5
Methoxychlor	6.716	6.614	6.814	241.820	250.000	-3.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/15/2014 12/15/2014

Client Sample No. (PEM): PEM - PL011133.D Date Analyzed: 12/24/2014

Lab Sample No.(PEM): PEM Time Analyzed: 12:33

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.754	8.652	8.852	20.910	20.000	4.6
Tetrachloro-m-xylene	3.782	3.681	3.881	22.870	20.000	14.4
alpha-BHC	4.166	4.066	4.266	13.000	10.000	30.0
beta-BHC	4.635	4.534	4.734	13.410	10.000	34.1
gamma-BHC (Lindane)	4.447	4.346	4.546	9.300	10.000	-7.0
Endrin	6.437	6.337	6.537	51.750	50.000	3.5
4,4'-DDT	6.874	6.772	6.972	116.490	100.000	16.5
Methoxychlor	7.343	7.241	7.441	277.750	250.000	11.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/15/2014 12/15/2014

Client Sample No. (PEM): PEM - PL011133.D Date Analyzed: 12/24/2014

Lab Sample No.(PEM): PEM Time Analyzed: 12:33

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.979	7.877	8.077	21.240	20.000	6.2
Tetrachloro-m-xylene	3.307	3.206	3.406	22.500	20.000	12.5
alpha-BHC	3.739	3.638	3.838	10.850	10.000	8.5
beta-BHC	4.271	4.170	4.370	11.740	10.000	17.4
gamma-BHC (Lindane)	4.017	3.915	4.115	11.240	10.000	12.4
Endrin	5.804	5.703	5.903	54.550	50.000	9.1
4,4'-DDT	6.168	6.067	6.267	113.160	100.000	13.2
Methoxychlor	6.716	6.614	6.814	248.860	250.000	-0.5

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Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 12/15/2014 12/15/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	12/15/2014	14:46	PL010972.D	8.75	3.78
PEM	PEM	12/15/2014	15:00	PL010973.D	8.75	3.78
RESCHK	RESCHK	12/15/2014	15:14	PL010974.D	8.75	3.78
PSTDICC100	PSTDICC100	12/15/2014	15:28	PL010975.D	8.75	3.78
PSTDICC075	PSTDICC075	12/15/2014	15:42	PL010976.D	8.75	3.78
PSTDICC050	PSTDICC050	12/15/2014	15:57	PL010977.D	8.75	3.78
PSTDICC025	PSTDICC025	12/15/2014	16:12	PL010978.D	8.75	3.78
PSTDICC005	PSTDICC005	12/15/2014	16:26	PL010979.D	8.75	3.78
PTOXICC500	PTOXICC500	12/15/2014	16:54	PL010981.D	8.75	3.78
PCHLORICC500	PCHLORICC500	12/15/2014	17:09	PL010982.D	8.75	3.78
I.BLK	I.BLK	12/24/2014	12:19	PL011132.D	8.76	3.78
PEM	PEM	12/24/2014	12:33	PL011133.D	8.75	3.78
PSTDCCC050	PSTDCCC050	12/24/2014	12:48	PL011134.D	8.76	3.78
PB81072BS	PB81072BS	12/24/2014	16:25	PL011135.D	8.76	3.79
PB81072BL	PB81072BL	12/24/2014	16:40	PL011136.D	8.76	3.78
MW-1	F5210-01	12/24/2014	16:55	PL011137.D	8.76	3.78
MW-2	F5210-02	12/24/2014	17:09	PL011138.D	8.76	3.78
MW-2MS	F5210-03MS	12/24/2014	17:23	PL011139.D	8.76	3.78
MW-2MSD	F5210-04MSD	12/24/2014	17:37	PL011140.D	8.76	3.78
MW-3	F5210-05	12/24/2014	17:52	PL011141.D	8.76	3.78
FD01	F5210-06	12/24/2014	18:06	PL011142.D	8.76	3.78
EB01	F5210-07	12/24/2014	18:20	PL011143.D	8.76	3.78
I.BLK	I.BLK	12/24/2014	18:34	PL011144.D	8.76	3.78
PSTDCCC050	PSTDCCC050	12/24/2014	18:48	PL011145.D	8.76	3.78

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Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 12/15/2014 12/15/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	12/15/2014	14:46	PL010972.D	8.75	3.78
PEM	PEM	12/15/2014	15:00	PL010973.D	8.75	3.78
RESCHK	RESCHK	12/15/2014	15:14	PL010974.D	8.75	3.78
PSTDICC100	PSTDICC100	12/15/2014	15:28	PL010975.D	8.75	3.78
PSTDICC075	PSTDICC075	12/15/2014	15:42	PL010976.D	8.75	3.78
PSTDICC050	PSTDICC050	12/15/2014	15:57	PL010977.D	8.75	3.78
PSTDICC025	PSTDICC025	12/15/2014	16:12	PL010978.D	8.75	3.78
PSTDICC005	PSTDICC005	12/15/2014	16:26	PL010979.D	8.75	3.78
PTOXICC500	PTOXICC500	12/15/2014	16:54	PL010981.D	8.75	3.78
PCHLORICC500	PCHLORICC500	12/15/2014	17:09	PL010982.D	8.75	3.78
I.BLK	I.BLK	12/24/2014	12:19	PL011132.D	8.76	3.78
PEM	PEM	12/24/2014	12:33	PL011133.D	8.75	3.78
PSTDCCC050	PSTDCCC050	12/24/2014	12:48	PL011134.D	8.76	3.78
PB81072BS	PB81072BS	12/24/2014	16:25	PL011135.D	8.76	3.79
PB81072BL	PB81072BL	12/24/2014	16:40	PL011136.D	8.76	3.78
MW-1	F5210-01	12/24/2014	16:55	PL011137.D	8.76	3.78
MW-2	F5210-02	12/24/2014	17:09	PL011138.D	8.76	3.78
MW-2MS	F5210-03MS	12/24/2014	17:23	PL011139.D	8.76	3.78
MW-2MSD	F5210-04MSD	12/24/2014	17:37	PL011140.D	8.76	3.78
MW-3	F5210-05	12/24/2014	17:52	PL011141.D	8.76	3.78
FD01	F5210-06	12/24/2014	18:06	PL011142.D	8.76	3.78
EB01	F5210-07	12/24/2014	18:20	PL011143.D	8.76	3.78
I.BLK	I.BLK	12/24/2014	18:34	PL011144.D	8.76	3.78
PSTDCCC050	PSTDCCC050	12/24/2014	18:48	PL011145.D	8.76	3.78

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-2MS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Lab Sample ID: F5210-03MS **Date(s) Analyzed:** 12/24/2014 12/24/2014

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
gamma-Chlordane	1	5.85	5.80	5.90	0.498	1.2
	2	5.20	5.15	5.25	0.504	
alpha-Chlordane	1	5.92	5.87	5.97	0.498	0.4
	2	5.25	5.20	5.30	0.496	
4,4'-DDE	1	6.09	6.04	6.14	0.485	3.8
	2	5.42	5.37	5.47	0.504	
Dieldrin	1	6.22	6.17	6.27	0.506	3.1
	2	5.55	5.50	5.60	0.522	
Endrin	1	6.44	6.39	6.49	0.513	3.8
	2	5.81	5.76	5.86	0.533	
Endosulfan II	1	6.66	6.61	6.71	0.501	2.9
	2	6.08	6.03	6.13	0.516	
4,4'-DDD	1	6.58	6.53	6.63	0.499	2.6
	2	5.93	5.88	5.98	0.512	
4,4'-DDT	1	6.87	6.82	6.92	0.461	13.7
	2	6.17	6.12	6.22	0.529	
Endrin aldehyde	1	6.78	6.73	6.83	0.456	8.2
	2	6.25	6.20	6.30	0.495	
Endosulfan sulfate	1	7.01	6.96	7.06	0.473	7.1
	2	6.46	6.41	6.51	0.508	
Methoxychlor	1	7.34	7.29	7.39	0.526	1.5
	2	6.72	6.67	6.77	0.518	
Endrin ketone	1	7.47	7.42	7.52	0.486	5
	2	6.95	6.90	7.00	0.511	
alpha-BHC	1	4.17	4.12	4.22	0.509	9.4
	2	3.74	3.69	3.79	0.559	
gamma-BHC (Lindane)	1	4.45	4.40	4.50	0.572	8.2
	2	4.02	3.97	4.07	0.527	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-2MS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Lab Sample ID: F5210-03MS **Date(s) Analyzed:** 12/24/2014 12/24/2014

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Heptachlor	1	4.93	4.88	4.98	0.501	2.8
	2	4.30	4.25	4.35	0.515	
Aldrin	1	5.23	5.18	5.28	0.476	1.7
	2	4.54	4.49	4.59	0.484	
beta-BHC	1	4.64	4.59	4.69	0.496	6.8
	2	4.27	4.22	4.32	0.531	
delta-BHC	1	4.84	4.79	4.89	0.487	0.8
	2	4.47	4.42	4.52	0.491	
Heptachlor epoxide	1	5.62	5.57	5.67	0.514	1
	2	4.98	4.93	5.03	0.509	
Endosulfan I	1	5.97	5.92	6.02	0.513	2.4
	2	5.31	5.26	5.36	0.501	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-2MSD

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Lab Sample ID: F5210-04MSD **Date(s) Analyzed:** 12/24/2014 12/24/2014

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.66	6.61	6.71	0.502	7.7
	2	6.08	6.03	6.13	0.542	
4,4'-DDD	1	6.58	6.53	6.63	0.509	5.7
	2	5.93	5.88	5.98	0.539	
4,4'-DDT	1	6.87	6.82	6.92	0.535	3.7
	2	6.17	6.12	6.22	0.555	
Endrin aldehyde	1	6.78	6.73	6.83	0.483	7
	2	6.25	6.20	6.30	0.518	
Endosulfan sulfate	1	7.01	6.96	7.06	0.489	9
	2	6.46	6.41	6.51	0.535	
Methoxychlor	1	7.34	7.29	7.39	0.547	1.3
	2	6.72	6.67	6.77	0.54	
Endrin ketone	1	7.47	7.42	7.52	0.513	4.2
	2	6.95	6.90	7.00	0.535	
alpha-BHC	1	4.17	4.12	4.22	0.517	13.4
	2	3.74	3.69	3.79	0.591	
gamma-BHC (Lindane)	1	4.45	4.40	4.50	0.584	4.2
	2	4.02	3.97	4.07	0.56	
Heptachlor	1	4.93	4.88	4.98	0.511	6.6
	2	4.30	4.25	4.35	0.546	
Aldrin	1	5.23	5.18	5.28	0.488	4.6
	2	4.54	4.49	4.59	0.511	
beta-BHC	1	4.64	4.59	4.69	0.514	8.9
	2	4.27	4.22	4.32	0.562	
delta-BHC	1	4.84	4.79	4.89	0.501	3.5
	2	4.47	4.42	4.52	0.519	
Heptachlor epoxide	1	5.62	5.57	5.67	0.526	1.9
	2	4.98	4.93	5.03	0.536	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-2MSD

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Lab Sample ID: F5210-04MSD **Date(s) Analyzed:** 12/24/2014 12/24/2014

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.97	5.92	6.02	0.526	0.4
	2	5.31	5.26	5.36	0.528	
gamma-Chlordane	1	5.85	5.80	5.90	0.512	3.5
	2	5.20	5.15	5.25	0.53	
alpha-Chlordane	1	5.92	5.87	5.97	0.511	1.9
	2	5.25	5.20	5.30	0.521	
4,4'-DDE	1	6.09	6.04	6.14	0.503	5.2
	2	5.42	5.37	5.47	0.53	
Dieldrin	1	6.22	6.17	6.27	0.521	5.1
	2	5.55	5.50	5.60	0.548	
Endrin	1	6.44	6.39	6.49	0.522	6.8
	2	5.81	5.76	5.86	0.559	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB81072BS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Lab Sample ID: PB81072BS **Date(s) Analyzed:** 12/24/2014 12/24/2014

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.59	6.54	6.64	0.464	0.9
	2	5.94	5.89	5.99	0.46	
4,4'-DDT	1	6.88	6.83	6.93	0.455	2.2
	2	6.17	6.12	6.22	0.465	
Endrin aldehyde	1	6.79	6.74	6.84	0.422	5.8
	2	6.25	6.20	6.30	0.447	
Endosulfan sulfate	1	7.01	6.96	7.06	0.419	3.7
	2	6.46	6.41	6.51	0.435	
Methoxychlor	1	7.35	7.30	7.40	0.471	7.7
	2	6.72	6.67	6.77	0.436	
Endrin ketone	1	7.48	7.43	7.53	0.432	3.9
	2	6.95	6.90	7.00	0.449	
alpha-BHC	1	4.17	4.12	4.22	0.468	3.4
	2	3.74	3.69	3.79	0.484	
gamma-BHC (Lindane)	1	4.45	4.40	4.50	0.523	16.6
	2	4.02	3.97	4.07	0.443	
Heptachlor	1	4.94	4.89	4.99	0.472	9.1
	2	4.30	4.25	4.35	0.431	
Aldrin	1	5.24	5.19	5.29	0.424	4.6
	2	4.54	4.49	4.59	0.405	
beta-BHC	1	4.64	4.59	4.69	0.421	2.6
	2	4.27	4.22	4.32	0.432	
delta-BHC	1	4.85	4.80	4.90	0.445	13.7
	2	4.47	4.42	4.52	0.388	
Heptachlor epoxide	1	5.62	5.57	5.67	0.429	1.6
	2	4.98	4.93	5.03	0.436	
Endosulfan I	1	5.97	5.92	6.02	0.458	2.9
	2	5.31	5.26	5.36	0.445	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB81072BS

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Lab Sample ID: PB81072BS **Date(s) Analyzed:** 12/24/2014 12/24/2014

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
gamma-Chlordane	1	5.86	5.81	5.91	0.453	2.7
	2	5.20	5.15	5.25	0.441	
alpha-Chlordane	1	5.93	5.88	5.98	0.451	2.5
	2	5.26	5.21	5.31	0.44	
4,4'-DDE	1	6.10	6.05	6.15	0.462	1.1
	2	5.42	5.37	5.47	0.457	
Dieldrin	1	6.23	6.18	6.28	0.466	2.2
	2	5.55	5.50	5.60	0.456	
Endrin	1	6.45	6.40	6.50	0.445	0.5
	2	5.81	5.76	5.86	0.443	
Endosulfan II	1	6.67	6.62	6.72	0.438	2.5
	2	6.08	6.03	6.13	0.449	

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LAB CHRONICLE

OrderID:	F5210	**OrderDate:**	12/22/2014 5:01:00 PM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	J63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F5210-01	**MW-1**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/24/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-02	**MW-2**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-05	**MW-3**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	
F5210-06	**FD01**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
F5210-07	**EB01**	**Water**			**12/22/14**			**12/23/14**
			PCB Group1	8082A		12/24/14	12/25/14	
			Pesticide-TCL	8081B		12/24/14	12/24/14	

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: **Order ID:**

Client: **Project ID:**

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007047.D	1	12/24/14 08:00	12/24/14 23:56	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.51	U	0.098	0.102	0.51	ug/L
11104-28-2	Aroclor-1221	0.51	U	0.102	0.102	0.51	ug/L
11141-16-5	Aroclor-1232	0.51	U	0.102	0.102	0.51	ug/L
53469-21-9	Aroclor-1242	0.51	U	0.091	0.102	0.51	ug/L
12672-29-6	Aroclor-1248	0.51	U	0.102	0.102	0.51	ug/L
11097-69-1	Aroclor-1254	0.51	U	0.045	0.102	0.51	ug/L
11096-82-5	Aroclor-1260	0.51	U	0.083	0.102	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.1		35 - 137		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		40 - 135		81%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007048.D	1	12/24/14 08:00	12/25/14 00:11	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.7		35 - 137		94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		40 - 135		88%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007051.D	1	12/24/14 08:00	12/25/14 00:57	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.2		35 - 137		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		40 - 135		84%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007052.D	1	12/24/14 08:00	12/25/14 01:12	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.51	U	0.098	0.102	0.51	ug/L
11104-28-2	Aroclor-1221	0.51	U	0.102	0.102	0.51	ug/L
11141-16-5	Aroclor-1232	0.51	U	0.102	0.102	0.51	ug/L
53469-21-9	Aroclor-1242	0.51	U	0.091	0.102	0.51	ug/L
12672-29-6	Aroclor-1248	0.51	U	0.102	0.102	0.51	ug/L
11097-69-1	Aroclor-1254	0.51	U	0.045	0.102	0.51	ug/L
11096-82-5	Aroclor-1260	0.51	U	0.083	0.102	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18		35 - 137		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		40 - 135		86%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007053.D	1	12/24/14 08:00	12/25/14 01:28	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.505	U	0.097	0.101	0.505	ug/L
11104-28-2	Aroclor-1221	0.505	U	0.101	0.101	0.505	ug/L
11141-16-5	Aroclor-1232	0.505	U	0.101	0.101	0.505	ug/L
53469-21-9	Aroclor-1242	0.505	U	0.09	0.101	0.505	ug/L
12672-29-6	Aroclor-1248	0.505	U	0.101	0.101	0.505	ug/L
11097-69-1	Aroclor-1254	0.505	U	0.044	0.101	0.505	ug/L
11096-82-5	Aroclor-1260	0.505	U	0.082	0.101	0.505	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.6		35 - 137		88%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.78		40 - 135		49%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP007006.D	PIBLK-PP007006.D	Tetrachloro-m-xylene	1	20	21.92	110		35	137
		Decachlorobiphenyl	1	20	20.92	105		40	135
		Tetrachloro-m-xylene	2	20	20.67	103		35	137
		Decachlorobiphenyl	2	20	23.49	117		40	135
I.BLK-PP007043.D	PIBLK-PP007043.D	Tetrachloro-m-xylene	1	20	22.89	114		35	137
		Decachlorobiphenyl	1	20	22.18	111		40	135
		Tetrachloro-m-xylene	2	20	20.53	103		35	137
		Decachlorobiphenyl	2	20	18.89	94		40	135
PB81071BL	PB81071BL	Tetrachloro-m-xylene	1	20	22.4	112		35	137
		Decachlorobiphenyl	1	20	21.24	106		40	135
		Tetrachloro-m-xylene	2	20	19.61	98		35	137
		Decachlorobiphenyl	2	20	19.05	95		40	135
PB81071BS	PB81071BS	Tetrachloro-m-xylene	1	20	24.41	122		35	137
		Decachlorobiphenyl	1	20	24.04	120		40	135
		Tetrachloro-m-xylene	2	20	21.61	108		35	137
		Decachlorobiphenyl	2	20	20.46	102		40	135
F5210-01	MW-1	Tetrachloro-m-xylene	1	20	18.11	91		35	137
		Decachlorobiphenyl	1	20	16.28	81		40	135
		Tetrachloro-m-xylene	2	20	16.5	83		35	137
		Decachlorobiphenyl	2	20	14.16	71		40	135
F5210-02	MW-2	Tetrachloro-m-xylene	1	20	18.72	94		35	137
		Decachlorobiphenyl	1	20	17.69	88		40	135
		Tetrachloro-m-xylene	2	20	17.24	86		35	137
		Decachlorobiphenyl	2	20	15.86	79		40	135
F5210-03MS	MW-2MS	Tetrachloro-m-xylene	1	20	19.03	95		35	137
		Decachlorobiphenyl	1	20	16.29	81		40	135
		Tetrachloro-m-xylene	2	20	17.59	88		35	137
		Decachlorobiphenyl	2	20	14.42	72		40	135
F5210-04MSD	MW-2MSD	Tetrachloro-m-xylene	1	20	17.83	89		35	137
		Decachlorobiphenyl	1	20	13.84	69		40	135
		Tetrachloro-m-xylene	2	20	16.58	83		35	137
		Decachlorobiphenyl	2	20	12.51	63		40	135
F5210-05	MW-3	Tetrachloro-m-xylene	1	20	18.21	91		35	137
		Decachlorobiphenyl	1	20	16.77	84		40	135
		Tetrachloro-m-xylene	2	20	16.79	84		35	137
		Decachlorobiphenyl	2	20	14.72	74		40	135
F5210-06	FD01	Tetrachloro-m-xylene	1	20	17.97	90		35	137
		Decachlorobiphenyl	1	20	17.16	86		40	135
		Tetrachloro-m-xylene	2	20	17.16	86		35	137
		Decachlorobiphenyl	2	20	15.21	76		40	135
F5210-07	EB01	Tetrachloro-m-xylene	1	20	17.56	88		35	137
		Decachlorobiphenyl	1	20	9.78	49		40	135
		Tetrachloro-m-xylene	2	20	15.8	79		35	137

Surrogate Summary

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
F5210-07	EB01	Decachlorobiphenyl	2	20	8.79	44		40	135
I.BLK-PP007056.D	PIBLK-PP007056.D	Tetrachloro-m-xylene	1	20	23.19	116		35	137
		Decachlorobiphenyl	1	20	22.45	112		40	135
		Tetrachloro-m-xylene	2	20	20.19	101		35	137
		Decachlorobiphenyl	2	20	20.34	102		40	135

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **DataFile :** PP007049.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**MW-2MS**											
F5210-03MS	AR1016	2.1	0	2.2	ug/L	105				65	145	
	AR1260	2.1	0	2.2	ug/L	105				65	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **DataFile :** PP007050.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**MW-2MSD**											
F5210-04MSD	AR1016	2	0	2	ug/L	100		5		65	145	20
	AR1260	2	0	2.1	ug/L	105		0		65	145	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: F5210

Client: C.T. Male Associates, P.C.,

Analytical Method: 8082A **Datafile :** PP007046.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB81071BS	AR1016	2	2.4	ug/L	120				25	145	
	AR1260	2	2.4	ug/L	120				30	145	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB81071BL

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: F5210 SAS No.: F5210 SDG NO.: F5210

Lab Sample ID: PB81071BL Lab File ID: PP007045.D

Matrix: (soil/water) Water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 12/24/2014

Date Analyzed (1): 12/24/2014 Date Analyzed (2): 12/24/2014

Time Analyzed (1): 23:25 Time Analyzed (2): 23:25

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB81071BS	PB81071BS	PP007046.D	12/24/2014	12/24/2014
MW-1	F5210-01	PP007047.D	12/24/2014	12/24/2014
MW-2	F5210-02	PP007048.D	12/25/2014	12/25/2014
MW-2MS	F5210-03MS	PP007049.D	12/25/2014	12/25/2014
MW-2MSD	F5210-04MSD	PP007050.D	12/25/2014	12/25/2014
MW-3	F5210-05	PP007051.D	12/25/2014	12/25/2014
FD01	F5210-06	PP007052.D	12/25/2014	12/25/2014
EB01	F5210-07	PP007053.D	12/25/2014	12/25/2014

COMMENTS:

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_P **Calibration Date(s):** 12/24/2014 12/24/2014

Calibration Times: 13:34 14:35

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP007007.D RT 750 = PP007008.D

RT 500 = PP007009.D RT 250 = PP007010.D RT 050 = PP007011.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Aroclor-1016-3	(3)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1016-4	(4)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	6.93	6.93	6.93	6.93	6.93	6.93	6.83	7.03
Aroclor-1260-2	(2)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1260-3	(3)	7.47	7.47	7.47	7.46	7.46	7.46	7.36	7.56
Aroclor-1260-4	(4)	7.77	7.76	7.77	7.76	7.76	7.76	7.66	7.86
Aroclor-1260-5	(5)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Decachlorobiphenyl		9.73	9.73	9.73	9.73	9.73	9.73	9.63	9.83
Tetrachloro-m-xylene		4.21	4.21	4.21	4.21	4.21	4.21	4.11	4.31

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_P **Calibration Date(s):** 12/24/2014 12/24/2014

Calibration Times: 13:34 14:35

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP007007.D RT 750 = PP007008.D

RT 500 = PP007009.D RT 250 = PP007010.D RT 050 = PP007011.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.28	4.28	4.28	4.28	4.28	4.28	4.18	4.38
Aroclor-1016-2	(2)	4.56	4.56	4.57	4.56	4.56	4.56	4.46	4.66
Aroclor-1016-3	(3)	4.68	4.68	4.68	4.68	4.68	4.68	4.58	4.78
Aroclor-1016-4	(4)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1016-5	(5)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1260-1	(1)	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
Aroclor-1260-2	(2)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1260-3	(3)	6.26	6.26	6.27	6.26	6.27	6.26	6.16	6.36
Aroclor-1260-4	(4)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1260-5	(5)	6.97	6.97	6.97	6.97	6.97	6.97	6.87	7.07
Decachlorobiphenyl		8.29	8.29	8.29	8.29	8.29	8.29	8.19	8.39
Tetrachloro-m-xylene		3.45	3.45	3.45	3.45	3.45	3.45	3.35	3.55

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_P

Calibration Date(s): 12/24/2014 12/24/2014

Calibration Times: 13:34 14:35

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP007007.D **CF 750 =** PP007008.D

CF 500 = PP007009.D **CF 250 =** PP007010.D **CF 050 =** PP007011.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	544	561	586	641	681	603	10
Aroclor-1016-2	(2)	666	671	715	768	834	731	10
Aroclor-1016-3	(3)	545	539	569	599	640	578	7
Aroclor-1016-4	(4)	555	544	574	628	566	574	6
Aroclor-1016-5	(5)	551	555	585	623	478	558	10
Aroclor-1260-1	(1)	961	974	1052	1139	976	1021	7
Aroclor-1260-2	(2)	1048	1075	1127	1237	1203	1138	7
Aroclor-1260-3	(3)	1258	1269	1352	1443	1393	1343	6
Aroclor-1260-4	(4)	942	933	1033	1089	916	983	8
Aroclor-1260-5	(5)	1672	1675	1763	1928	1867	1781	6
Decachlorobiphenyl		14974	15053	16018	17173	17103	16064	7
Tetrachloro-m-xylene		20701	21433	22815	25749	24864	23112	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_P

Calibration Date(s): 12/24/2014 12/24/2014

Calibration Times: 13:34 14:35

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP007007.D **CF 750 =** PP007008.D

CF 500 = PP007009.D **CF 250 =** PP007010.D **CF 050 =** PP007011.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	2012	1948	1963	2083	1757	1953	6
Aroclor-1016-2	(2)	2522	2521	2531	2638	2192	2481	7
Aroclor-1016-3	(3)	1969	1938	1932	1981	1704	1905	6
Aroclor-1016-4	(4)	1583	1577	1597	1682	1512	1590	4
Aroclor-1016-5	(5)	2101	2066	2119	2151	1838	2055	6
Aroclor-1260-1	(1)	4174	4141	4199	4362	3806	4136	5
Aroclor-1260-2	(2)	5009	4933	5005	5212	4341	4900	7
Aroclor-1260-3	(3)	4612	4549	4551	4671	4094	4495	5
Aroclor-1260-4	(4)	3860	3818	3833	3920	3320	3750	7
Aroclor-1260-5	(5)	8826	8685	8641	8729	7589	8494	6
Decachlorobiphenyl		79886	79143	79597	80575	75258	78892	3
Tetrachloro-m-xylene		96233	94320	93466	94385	81593	91999	6

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_P **Date(s) Analyzed:** 12/24/2014 12/24/2014

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.41	4.31	4.51	250768
		2	4.50	4.40	4.60	208268
		3	4.57	4.47	4.67	571906
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.57	4.47	4.67	453834
		2	5.09	4.99	5.19	245116
		3	5.43	5.33	5.53	298776
		4	5.53	5.43	5.63	225038
		5	5.96	5.86	6.06	240756
Aroclor-1242	500	1	4.90	4.80	5.00	469030
		2	5.09	4.99	5.19	448952
		3	5.43	5.33	5.53	549596
		4	6.22	6.12	6.32	421958
		5	6.25	6.15	6.35	491938
Aroclor-1248	500	1	5.35	5.25	5.45	544730
		2	5.37	5.27	5.47	714934
		3	5.82	5.72	5.92	937316
		4	6.22	6.12	6.32	973036
		5	6.26	6.16	6.36	1028640
Aroclor-1254	500	1	6.19	6.09	6.29	959182
		2	6.41	6.31	6.51	1394690
		3	6.77	6.67	6.87	1414110
		4	7.05	6.95	7.15	934636
		5	7.47	7.37	7.57	1261510

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Instrument ID: ECD_P **Date(s) Analyzed:** 12/24/2014 12/24/2014

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.66	3.56	3.76	764070
		2	3.74	3.64	3.84	576676
		3	3.81	3.71	3.91	1920750
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.81	3.71	3.91	1501530
		2	4.28	4.18	4.38	798316
		3	4.68	4.58	4.78	737296
		4	4.93	4.83	5.03	758956
		5	5.27	5.17	5.37	708382
Aroclor-1242	500	1	4.28	4.18	4.38	1532280
		2	4.49	4.39	4.59	1833430
		3	4.93	4.83	5.03	1644580
		4	5.27	5.17	5.37	1781820
		5	5.31	5.21	5.41	1436010
Aroclor-1248	500	1	4.49	4.39	4.59	1827680
		2	4.51	4.41	4.61	2069020
		3	4.72	4.62	4.82	2850120
		4	4.76	4.66	4.86	2967480
		5	5.27	5.17	5.37	4672100
Aroclor-1254	500	1	5.27	5.17	5.37	4658960
		2	5.41	5.31	5.51	4073320
		3	5.72	5.62	5.82	3272000
		4	5.80	5.70	5.90	6537360
		5	6.44	6.34	6.54	5606120

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/24/2014 **Initial Calibration Date(s):** 12/24/2014 12/24/2014

Continuing Calib Time: 23:10 **Initial Calibration Time(s):** 13:34 16:22

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2 (2)	5.43	5.43	5.33	5.53	0.00
Aroclor-1016-3 (3)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-4 (4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5 (5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1 (1)	6.93	6.93	6.83	7.03	0.00
Aroclor-1260-2 (2)	7.19	7.19	7.09	7.29	0.00
Aroclor-1260-3 (3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4 (4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5 (5)	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl	9.73	9.73	9.63	9.83	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/24/2014 **Initial Calibration Date(s):** 12/24/2014 12/24/2014

Continuing Calib Time: 23:10 **Initial Calibration Time(s):** 13:34 16:22

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.28	4.28	4.18	4.38	0.00
Aroclor-1016-2 (2)	4.56	4.57	4.47	4.67	0.01
Aroclor-1016-3 (3)	4.68	4.68	4.58	4.78	0.00
Aroclor-1016-4 (4)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-5 (5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1 (1)	5.93	5.93	5.83	6.03	0.00
Aroclor-1260-2 (2)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-3 (3)	6.27	6.27	6.17	6.37	0.01
Aroclor-1260-4 (4)	6.73	6.73	6.63	6.83	0.00
Aroclor-1260-5 (5)	6.97	6.97	6.87	7.07	0.00
Tetrachloro-m-xylene	3.45	3.45	3.35	3.55	0.00
Decachlorobiphenyl	8.29	8.29	8.19	8.39	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/24/2014 12/24/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/24/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP007044.D **Time Analyzed:** 23:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.898	4.797	4.997	499.340	500.000	-0.1
Aroclor-1016-2	5.433	5.332	5.532	512.190	500.000	2.4
Aroclor-1016-3	5.529	5.428	5.628	518.590	500.000	3.7
Aroclor-1016-4	5.819	5.718	5.918	522.790	500.000	4.6
Aroclor-1016-5	5.957	5.857	6.057	554.150	500.000	10.8
Aroclor-1260-1	6.932	6.831	7.031	540.920	500.000	8.2
Aroclor-1260-2	7.187	7.086	7.286	524.920	500.000	5.0
Aroclor-1260-3	7.467	7.365	7.565	460.180	500.000	-8.0
Aroclor-1260-4	7.767	7.666	7.866	524.080	500.000	4.8
Aroclor-1260-5	8.071	7.970	8.170	507.520	500.000	1.5
Decachlorobiphenyl	9.732	9.629	9.829	52.810	50.000	5.6
Tetrachloro-m-xylene	4.208	4.108	4.308	52.190	50.000	4.4

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/24/2014 12/24/2014

Client Sample No.: CCAL01 **Date Analyzed:** 12/24/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP007044.D **Time Analyzed:** 23:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.281	4.182	4.382	524.710	500.000	4.9
Aroclor-1016-2	4.564	4.465	4.665	539.630	500.000	7.9
Aroclor-1016-3	4.680	4.580	4.780	535.090	500.000	7.0
Aroclor-1016-4	4.720	4.620	4.820	538.940	500.000	7.8
Aroclor-1016-5	4.927	4.827	5.027	536.640	500.000	7.3
Aroclor-1260-1	5.931	5.830	6.030	515.920	500.000	3.2
Aroclor-1260-2	6.114	6.014	6.214	511.840	500.000	2.4
Aroclor-1260-3	6.265	6.165	6.365	517.540	500.000	3.5
Aroclor-1260-4	6.729	6.628	6.828	503.400	500.000	0.7
Aroclor-1260-5	6.967	6.866	7.066	505.830	500.000	1.2
Decachlorobiphenyl	8.292	8.190	8.390	49.900	50.000	-0.2
Tetrachloro-m-xylene	3.449	3.349	3.549	53.340	50.000	6.7

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/25/2014 **Initial Calibration Date(s):** 12/24/2014 12/24/2014

Continuing Calib Time: 02:29 **Initial Calibration Time(s):** 13:34 16:22

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	5.43	5.43	5.33	5.53	0.00
Aroclor-1016-3	(3)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	6.93	6.93	6.83	7.03	0.00
Aroclor-1260-2	(2)	7.19	7.19	7.09	7.29	0.00
Aroclor-1260-3	(3)	7.47	7.47	7.37	7.57	0.00
Aroclor-1260-4	(4)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-5	(5)	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene		4.21	4.21	4.11	4.31	0.00
Decachlorobiphenyl		9.73	9.73	9.63	9.83	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

Continuing Calib Date: 12/25/2014 **Initial Calibration Date(s):** 12/24/2014 12/24/2014

Continuing Calib Time: 02:29 **Initial Calibration Time(s):** 13:34 16:22

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.28	4.28	4.18	4.38	0.00
Aroclor-1016-2 (2)	4.56	4.57	4.47	4.67	0.01
Aroclor-1016-3 (3)	4.68	4.68	4.58	4.78	0.00
Aroclor-1016-4 (4)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-5 (5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1 (1)	5.93	5.93	5.83	6.03	0.00
Aroclor-1260-2 (2)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-3 (3)	6.27	6.27	6.17	6.37	0.01
Aroclor-1260-4 (4)	6.73	6.73	6.63	6.83	0.00
Aroclor-1260-5 (5)	6.97	6.97	6.87	7.07	0.00
Tetrachloro-m-xylene	3.45	3.45	3.35	3.55	0.00
Decachlorobiphenyl	8.29	8.29	8.19	8.39	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/24/2014 12/24/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/25/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP007057.D **Time Analyzed:** 02:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.897	4.797	4.997	512.230	500.000	2.4
Aroclor-1016-2	5.432	5.332	5.532	513.920	500.000	2.8
Aroclor-1016-3	5.528	5.428	5.628	507.920	500.000	1.6
Aroclor-1016-4	5.819	5.718	5.918	521.170	500.000	4.2
Aroclor-1016-5	5.957	5.857	6.057	537.630	500.000	7.5
Aroclor-1260-1	6.931	6.831	7.031	557.770	500.000	11.6
Aroclor-1260-2	7.187	7.086	7.286	541.000	500.000	8.2
Aroclor-1260-3	7.466	7.365	7.565	524.030	500.000	4.8
Aroclor-1260-4	7.766	7.666	7.866	531.030	500.000	6.2
Aroclor-1260-5	8.071	7.970	8.170	518.070	500.000	3.6
Decachlorobiphenyl	9.731	9.629	9.829	53.280	50.000	6.6
Tetrachloro-m-xylene	4.207	4.108	4.308	51.800	50.000	3.6

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CALIBRATION VERIFICATION SUMMARY

Contract: CTMA01

Lab Code: CHEM **Case No.:** F5210 **SAS No.:** F5210 **SDG NO.:** F5210

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/24/2014 12/24/2014

Client Sample No.: CCAL02 **Date Analyzed:** 12/25/2014

Lab Sample No.: AR1660CCC500 **Data File :** PP007057.D **Time Analyzed:** 02:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.280	4.182	4.382	527.670	500.000	5.5
Aroclor-1016-2	4.564	4.465	4.665	511.190	500.000	2.2
Aroclor-1016-3	4.680	4.580	4.780	511.010	500.000	2.2
Aroclor-1016-4	4.719	4.620	4.820	524.380	500.000	4.9
Aroclor-1016-5	4.927	4.827	5.027	568.760	500.000	13.8
Aroclor-1260-1	5.930	5.830	6.030	535.370	500.000	7.1
Aroclor-1260-2	6.114	6.014	6.214	528.760	500.000	5.8
Aroclor-1260-3	6.265	6.165	6.365	523.560	500.000	4.7
Aroclor-1260-4	6.728	6.628	6.828	527.670	500.000	5.5
Aroclor-1260-5	6.966	6.866	7.066	513.420	500.000	2.7
Decachlorobiphenyl	8.291	8.190	8.390	51.240	50.000	2.5
Tetrachloro-m-xylene	3.448	3.349	3.549	51.840	50.000	3.7

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Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 12/24/2014 12/24/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	12/24/2014	13:19	PP007006.D	9.73	4.21
AR1660ICC1000	AR1660ICC1000	12/24/2014	13:34	PP007007.D	9.73	4.21
AR1660ICC750	AR1660ICC750	12/24/2014	13:50	PP007008.D	9.73	4.21
AR1660ICC500	AR1660ICC500	12/24/2014	14:05	PP007009.D	9.73	4.21
AR1660ICC250	AR1660ICC250	12/24/2014	14:20	PP007010.D	9.73	4.21
AR1660ICC50	AR1660ICC50	12/24/2014	14:35	PP007011.D	9.73	4.21
AR1221ICC500	AR1221ICC500	12/24/2014	14:51	PP007012.D	9.73	4.21
AR1232ICC500	AR1232ICC500	12/24/2014	15:06	PP007013.D	9.73	4.21
AR1242ICC500	AR1242ICC500	12/24/2014	15:21	PP007014.D	9.73	4.21
AR1248ICC500	AR1248ICC500	12/24/2014	15:36	PP007015.D	9.73	4.21
AR1254ICC500	AR1254ICC500	12/24/2014	15:52	PP007016.D	9.73	4.21
AR1262ICC500	AR1262ICC500	12/24/2014	16:07	PP007017.D	9.73	4.21
AR1268ICC500	AR1268ICC500	12/24/2014	16:22	PP007018.D	9.73	4.21
I.BLK	I.BLK	12/24/2014	22:55	PP007043.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/24/2014	23:10	PP007044.D	9.73	4.21
PB81071BL	PB81071BL	12/24/2014	23:25	PP007045.D	9.73	4.21
PB81071BS	PB81071BS	12/24/2014	23:41	PP007046.D	9.73	4.21
MW-1	F5210-01	12/24/2014	23:56	PP007047.D	9.73	4.21
MW-2	F5210-02	12/25/2014	00:11	PP007048.D	9.73	4.21
MW-2MS	F5210-03MS	12/25/2014	00:27	PP007049.D	9.73	4.21
MW-2MSD	F5210-04MSD	12/25/2014	00:42	PP007050.D	9.73	4.21
MW-3	F5210-05	12/25/2014	00:57	PP007051.D	9.73	4.21
FD01	F5210-06	12/25/2014	01:12	PP007052.D	9.73	4.21
EB01	F5210-07	12/25/2014	01:28	PP007053.D	9.73	4.21
I.BLK	I.BLK	12/25/2014	02:14	PP007056.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/25/2014	02:29	PP007057.D	9.73	4.21

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 12/24/2014 12/24/2014

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	12/24/2014	13:19	PP007006.D	9.73	4.21
AR1660ICC1000	AR1660ICC1000	12/24/2014	13:34	PP007007.D	9.73	4.21
AR1660ICC750	AR1660ICC750	12/24/2014	13:50	PP007008.D	9.73	4.21
AR1660ICC500	AR1660ICC500	12/24/2014	14:05	PP007009.D	9.73	4.21
AR1660ICC250	AR1660ICC250	12/24/2014	14:20	PP007010.D	9.73	4.21
AR1660ICC50	AR1660ICC50	12/24/2014	14:35	PP007011.D	9.73	4.21
AR1221ICC500	AR1221ICC500	12/24/2014	14:51	PP007012.D	9.73	4.21
AR1232ICC500	AR1232ICC500	12/24/2014	15:06	PP007013.D	9.73	4.21
AR1242ICC500	AR1242ICC500	12/24/2014	15:21	PP007014.D	9.73	4.21
AR1248ICC500	AR1248ICC500	12/24/2014	15:36	PP007015.D	9.73	4.21
AR1254ICC500	AR1254ICC500	12/24/2014	15:52	PP007016.D	9.73	4.21
AR1262ICC500	AR1262ICC500	12/24/2014	16:07	PP007017.D	9.73	4.21
AR1268ICC500	AR1268ICC500	12/24/2014	16:22	PP007018.D	9.73	4.21
I.BLK	I.BLK	12/24/2014	22:55	PP007043.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/24/2014	23:10	PP007044.D	9.73	4.21
PB81071BL	PB81071BL	12/24/2014	23:25	PP007045.D	9.73	4.21
PB81071BS	PB81071BS	12/24/2014	23:41	PP007046.D	9.73	4.21
MW-1	F5210-01	12/24/2014	23:56	PP007047.D	9.73	4.21
MW-2	F5210-02	12/25/2014	00:11	PP007048.D	9.73	4.21
MW-2MS	F5210-03MS	12/25/2014	00:27	PP007049.D	9.73	4.21
MW-2MSD	F5210-04MSD	12/25/2014	00:42	PP007050.D	9.73	4.21
MW-3	F5210-05	12/25/2014	00:57	PP007051.D	9.73	4.21
FD01	F5210-06	12/25/2014	01:12	PP007052.D	9.73	4.21
EB01	F5210-07	12/25/2014	01:28	PP007053.D	9.73	4.21
I.BLK	I.BLK	12/25/2014	02:14	PP007056.D	9.73	4.21
AR1660CCC500	AR1660CCC500	12/25/2014	02:29	PP007057.D	9.73	4.21

QC SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81071BL	SDG No.:	F5210
Lab Sample ID:	PB81071BL	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007045.D	1	12/24/14 08:00	12/24/14 23:25	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.4		35 - 137		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		40 - 135		106%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/24/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/24/14
Client Sample ID:	PIBLK-PP007006.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PP007006.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007006.D	1		12/24/14	PP122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.9		35 - 137		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		40 - 135		105%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/24/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/24/14
Client Sample ID:	PIBLK-PP007043.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PP007043.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007043.D	1		12/24/14	PP122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		35 - 137		114%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		40 - 135		111%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/25/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/25/14
Client Sample ID:	PIBLK-PP007056.D	SDG No.:	F5210
Lab Sample ID:	I.BLK-PP007056.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007056.D	1		12/25/14	PP122414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.2		35 - 137		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		40 - 135		112%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	
Client Sample ID:	PB81071BS	SDG No.:	F5210
Lab Sample ID:	PB81071BS	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007046.D	1	12/24/14 08:00	12/24/14 23:41	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	2.4		0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	2.4		0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.4		35 - 137		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	24		40 - 135		120%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MS	SDG No.:	F5210
Lab Sample ID:	F5210-03MS	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	970 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007049.D	1	12/24/14 08:00	12/25/14 00:27	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	2.2		0.099	0.103	0.515	ug/L
11104-28-2	Aroclor-1221	0.515	U	0.103	0.103	0.515	ug/L
11141-16-5	Aroclor-1232	0.515	U	0.103	0.103	0.515	ug/L
53469-21-9	Aroclor-1242	0.515	U	0.092	0.103	0.515	ug/L
12672-29-6	Aroclor-1248	0.515	U	0.103	0.103	0.515	ug/L
11097-69-1	Aroclor-1254	0.515	U	0.045	0.103	0.515	ug/L
11096-82-5	Aroclor-1260	2.2		0.084	0.103	0.515	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19		35 - 137		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		40 - 135		81%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2MSD	SDG No.:	F5210
Lab Sample ID:	F5210-04MSD	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP007050.D	1	12/24/14 08:00	12/25/14 00:42	PB81071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	2		0.097	0.101	0.505	ug/L
11104-28-2	Aroclor-1221	0.505	U	0.101	0.101	0.505	ug/L
11141-16-5	Aroclor-1232	0.505	U	0.101	0.101	0.505	ug/L
53469-21-9	Aroclor-1242	0.505	U	0.09	0.101	0.505	ug/L
12672-29-6	Aroclor-1248	0.505	U	0.101	0.101	0.505	ug/L
11097-69-1	Aroclor-1254	0.505	U	0.044	0.101	0.505	ug/L
11096-82-5	Aroclor-1260	2.1		0.082	0.101	0.505	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.8		35 - 137		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		40 - 135		69%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	F5210	**OrderDate:**	12/22/2014 5:01:00 PM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	J63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F5210-01	**MW-1**	**WATER**			**12/22/14**			**12/23/14**
			Mercury	7470A		12/24/14	12/26/14	
			Metals ICP-TAL	6010C		12/24/14	12/24/14	
F5210-02	**MW-2**	**WATER**			**12/22/14**			**12/23/14**
			Mercury	7470A		12/24/14	12/26/14	
			Metals ICP-TAL	6010C		12/24/14	12/24/14	
F5210-05	**MW-3**	**WATER**			**12/22/14**			**12/23/14**
			Mercury	7470A		12/24/14	12/26/14	
			Metals ICP-TAL	6010C		12/24/14	12/24/14	
F5210-06	**FD01**	**WATER**			**12/22/14**			**12/23/14**
			Mercury	7470A		12/24/14	12/26/14	
			Metals ICP-TAL	6010C		12/24/14	12/24/14	
F5210-07	**EB01**	**WATER**			**12/22/14**			**12/23/14**
			Mercury	7470A		12/24/14	12/26/14	
			Metals ICP-TAL	6010C		12/24/14	12/24/14	

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Hit Summary Sheet
SW-846

SDG No.: F5210 **Order ID:** F5210

Client: C.T. Male Associates, P.C., **Project ID:** 209 Warburton Ave., Yonkers, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-1									
F5210-01	MW-1	WATER	Aluminum	9,450.000		6.5	12.5	50	ug/L
F5210-01	MW-1	WATER	Arsenic	4.490	J	2.5	2.5	10	ug/L
F5210-01	MW-1	WATER	Barium	177.000		4	12.5	50	ug/L
F5210-01	MW-1	WATER	Calcium	78,000.000		31.8	250	1000	ug/L
F5210-01	MW-1	WATER	Chromium	19.800		1.1	1.25	5	ug/L
F5210-01	MW-1	WATER	Cobalt	7.810	J	3.75	3.75	15	ug/L
F5210-01	MW-1	WATER	Copper	31.000		2	2.5	10	ug/L
F5210-01	MW-1	WATER	Iron	10,500.000		12.5	12.5	50	ug/L
F5210-01	MW-1	WATER	Lead	8.930		1.5	1.5	6	ug/L
F5210-01	MW-1	WATER	Magnesium	29,000.000		32.5	250	1000	ug/L
F5210-01	MW-1	WATER	Manganese	514.000		1.7	2.5	10	ug/L
F5210-01	MW-1	WATER	Nickel	20.000	J	4.2	5.0	20	ug/L
F5210-01	MW-1	WATER	Potassium	6,630.000		38.8	250	1000	ug/L
F5210-01	MW-1	WATER	Sodium	162,100.000		13.9	250	1000	ug/L
F5210-01	MW-1	WATER	Vanadium	18.300	J	5	5.0	20	ug/L
F5210-01	MW-1	WATER	Zinc	25.100		5	5.0	20	ug/L
Client ID : MW-2									
F5210-02	MW-2	WATER	Aluminum	18,700.000		6.5	12.5	50	ug/L
F5210-02	MW-2	WATER	Arsenic	6.020	J	2.5	2.5	10	ug/L
F5210-02	MW-2	WATER	Barium	236.000		4	12.5	50	ug/L
F5210-02	MW-2	WATER	Calcium	64,000.000		31.8	250	1000	ug/L
F5210-02	MW-2	WATER	Chromium	58.300		1.1	1.25	5	ug/L
F5210-02	MW-2	WATER	Cobalt	14.600	J	3.75	3.75	15	ug/L
F5210-02	MW-2	WATER	Copper	72.700		2	2.5	10	ug/L
F5210-02	MW-2	WATER	Iron	24,200.000		12.5	12.5	50	ug/L
F5210-02	MW-2	WATER	Lead	15.800		1.5	1.5	6	ug/L
F5210-02	MW-2	WATER	Magnesium	26,600.000		32.5	250	1000	ug/L
F5210-02	MW-2	WATER	Manganese	1,110.000		1.7	2.5	10	ug/L
F5210-02	MW-2	WATER	Mercury	0.121	J	0.1	0.1	0.2	ug/L
F5210-02	MW-2	WATER	Nickel	43.500		4.2	5.0	20	ug/L
F5210-02	MW-2	WATER	Potassium	8,690.000		38.8	250	1000	ug/L
F5210-02	MW-2	WATER	Sodium	132,900.000		13.9	250	1000	ug/L
F5210-02	MW-2	WATER	Vanadium	41.600		5	5.0	20	ug/L
F5210-02	MW-2	WATER	Zinc	55.900		5	5.0	20	ug/L
Client ID : MW-3									
F5210-05	MW-3	WATER	Aluminum	499.000		6.5	12.5	50	ug/L
F5210-05	MW-3	WATER	Barium	153.000		4	12.5	50	ug/L
F5210-05	MW-3	WATER	Calcium	113,700.000		31.8	250	1000	ug/L

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Hit Summary Sheet
SW-846

SDG No.: F5210 **Order ID:** F5210

Client: C.T. Male Associates, P.C., **Project ID:** 209 Warburton Ave., Yonkers, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
F5210-05	MW-3	WATER	Chromium	8.100		1.1	1.25	5	ug/L
F5210-05	MW-3	WATER	Copper	2.460	J	2	2.5	10	ug/L
F5210-05	MW-3	WATER	Iron	576.000		12.5	12.5	50	ug/L
F5210-05	MW-3	WATER	Lead	2.780	J	1.5	1.5	6	ug/L
F5210-05	MW-3	WATER	Magnesium	37,000.000		32.5	250	1000	ug/L
F5210-05	MW-3	WATER	Manganese	216.000		1.7	2.5	10	ug/L
F5210-05	MW-3	WATER	Potassium	6,490.000		38.8	250	1000	ug/L
F5210-05	MW-3	WATER	Sodium	192,800.000		13.9	250	1000	ug/L
F5210-05	MW-3	WATER	Zinc	7.020	J	5	5.0	20	ug/L
Client ID : FD01									
F5210-06	FD01	WATER	Aluminum	3,330.000		6.5	12.5	50	ug/L
F5210-06	FD01	WATER	Barium	119.000		4	12.5	50	ug/L
F5210-06	FD01	WATER	Calcium	78,400.000		31.8	250	1000	ug/L
F5210-06	FD01	WATER	Chromium	7.950		1.1	1.25	5	ug/L
F5210-06	FD01	WATER	Copper	13.700		2	2.5	10	ug/L
F5210-06	FD01	WATER	Iron	4,080.000		12.5	12.5	50	ug/L
F5210-06	FD01	WATER	Lead	2.730	J	1.5	1.5	6	ug/L
F5210-06	FD01	WATER	Magnesium	27,100.000		32.5	250	1000	ug/L
F5210-06	FD01	WATER	Manganese	322.000		1.7	2.5	10	ug/L
F5210-06	FD01	WATER	Nickel	10.300	J	4.2	5.0	20	ug/L
F5210-06	FD01	WATER	Potassium	5,450.000		38.8	250	1000	ug/L
F5210-06	FD01	WATER	Sodium	172,400.000		13.9	250	1000	ug/L
F5210-06	FD01	WATER	Vanadium	8.770	J	5	5.0	20	ug/L
F5210-06	FD01	WATER	Zinc	16.200	J	5	5.0	20	ug/L
Client ID : EB01									
F5210-07	EB01	WATER	Sodium	69.900	J	13.9	250	1000	ug/L

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	9450		1	6.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-36-0	Antimony	6.25	U	1	6.25	6.25	25	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-38-2	Arsenic	4.49	J	1	2.5	2.5	10	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-39-3	Barium	177		1	4	12.5	50	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-41-7	Beryllium	0.75	U	1	0.7	0.75	3	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-70-2	Calcium	78000		1	31.8	250	1000	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-47-3	Chromium	19.8		1	1.1	1.25	5	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-48-4	Cobalt	7.81	J	1	3.75	3.75	15	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-50-8	Copper	31		1	2	2.5	10	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7439-89-6	Iron	10500		1	12.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7439-92-1	Lead	8.93		1	1.5	1.5	6	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7439-95-4	Magnesium	29000		1	32.5	250	1000	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7439-96-5	Manganese	514		1	1.7	2.5	10	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7439-97-6	Mercury	0.1	U	1	0.1	0.1	0.2	ug/L	12/24/14 08:00	12/26/14 12:06	SW7470A
7440-02-0	Nickel	20	J	1	4.2	5.0	20	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-09-7	Potassium	6630		1	38.8	250	1000	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7782-49-2	Selenium	5	U	1	4.8	5.0	10	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-23-5	Sodium	162100		1	13.9	250	1000	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-28-0	Thallium	5	U	1	2.4	5.0	20	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-62-2	Vanadium	18.3	J	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010
7440-66-6	Zinc	25.1		1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 15:32	SW6010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	18700		1	6.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-36-0	Antimony	6.25	U	1	6.25	6.25	25	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-38-2	Arsenic	6.02	J	1	2.5	2.5	10	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-39-3	Barium	236		1	4	12.5	50	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-41-7	Beryllium	0.75	U	1	0.7	0.75	3	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-70-2	Calcium	64000		1	31.8	250	1000	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-47-3	Chromium	58.3		1	1.1	1.25	5	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-48-4	Cobalt	14.6	J	1	3.75	3.75	15	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-50-8	Copper	72.7		1	2	2.5	10	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7439-89-6	Iron	24200		1	12.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7439-92-1	Lead	15.8		1	1.5	1.5	6	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7439-95-4	Magnesium	26600		1	32.5	250	1000	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7439-96-5	Manganese	1110		1	1.7	2.5	10	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7439-97-6	Mercury	0.121	J	1	0.1	0.1	0.2	ug/L	12/24/14 08:00	12/26/14 12:08	SW7470A
7440-02-0	Nickel	43.5		1	4.2	5.0	20	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-09-7	Potassium	8690		1	38.8	250	1000	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7782-49-2	Selenium	5	U	1	4.8	5.0	10	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-23-5	Sodium	132900		1	13.9	250	1000	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-28-0	Thallium	5	U	1	2.4	5.0	20	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-62-2	Vanadium	41.6		1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010
7440-66-6	Zinc	55.9		1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 17:42	SW6010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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Q = indicates LCS control criteria did not meet requirements

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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	499		1	6.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-36-0	Antimony	6.25	U	1	6.25	6.25	25	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-38-2	Arsenic	2.5	U	1	2.5	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-39-3	Barium	153		1	4	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-41-7	Beryllium	0.75	U	1	0.7	0.75	3	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-70-2	Calcium	113700		1	31.8	250	1000	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-47-3	Chromium	8.1		1	1.1	1.25	5	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-48-4	Cobalt	3.75	U	1	3.75	3.75	15	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-50-8	Copper	2.46	J	1	2	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7439-89-6	Iron	576		1	12.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7439-92-1	Lead	2.78	J	1	1.5	1.5	6	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7439-95-4	Magnesium	37000		1	32.5	250	1000	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7439-96-5	Manganese	216		1	1.7	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7439-97-6	Mercury	0.1	U	1	0.1	0.1	0.2	ug/L	12/24/14 08:00	12/26/14 12:28	SW7470A
7440-02-0	Nickel	5	U	1	4.2	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-09-7	Potassium	6490		1	38.8	250	1000	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7782-49-2	Selenium	5	U	1	4.8	5.0	10	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-23-5	Sodium	192800		1	13.9	250	1000	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-28-0	Thallium	5	U	1	2.4	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-62-2	Vanadium	5	U	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010
7440-66-6	Zinc	7.02	J	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:16	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	3330		1	6.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-36-0	Antimony	6.25	U	1	6.25	6.25	25	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-38-2	Arsenic	2.5	U	1	2.5	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-39-3	Barium	119		1	4	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-41-7	Beryllium	0.75	U	1	0.7	0.75	3	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-70-2	Calcium	78400		1	31.8	250	1000	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-47-3	Chromium	7.95		1	1.1	1.25	5	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-48-4	Cobalt	3.75	U	1	3.75	3.75	15	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-50-8	Copper	13.7		1	2	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7439-89-6	Iron	4080		1	12.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7439-92-1	Lead	2.73	J	1	1.5	1.5	6	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7439-95-4	Magnesium	27100		1	32.5	250	1000	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7439-96-5	Manganese	322		1	1.7	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7439-97-6	Mercury	0.1	U	1	0.1	0.1	0.2	ug/L	12/24/14 08:00	12/26/14 12:30	SW7470A
7440-02-0	Nickel	10.3	J	1	4.2	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-09-7	Potassium	5450		1	38.8	250	1000	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7782-49-2	Selenium	5	U	1	4.8	5.0	10	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-23-5	Sodium	172400		1	13.9	250	1000	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-28-0	Thallium	5	U	1	2.4	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-62-2	Vanadium	8.77	J	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010
7440-66-6	Zinc	16.2	J	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:20	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	12.5	U	1	6.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-36-0	Antimony	6.25	U	1	6.25	6.25	25	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-38-2	Arsenic	2.5	U	1	2.5	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-39-3	Barium	12.5	U	1	4	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-41-7	Beryllium	0.75	U	1	0.7	0.75	3	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-70-2	Calcium	250	U	1	31.8	250	1000	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-47-3	Chromium	1.25	U	1	1.1	1.25	5	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-48-4	Cobalt	3.75	U	1	3.75	3.75	15	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-50-8	Copper	2.5	U	1	2	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7439-89-6	Iron	12.5	U	1	12.5	12.5	50	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7439-92-1	Lead	1.5	U	1	1.5	1.5	6	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7439-95-4	Magnesium	250	U	1	32.5	250	1000	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7439-96-5	Manganese	2.5	U	1	1.7	2.5	10	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7439-97-6	Mercury	0.1	U	1	0.1	0.1	0.2	ug/L	12/24/14 08:00	12/26/14 12:33	SW7470A
7440-02-0	Nickel	5	U	1	4.2	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-09-7	Potassium	250	U	1	38.8	250	1000	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7782-49-2	Selenium	5	U	1	4.8	5.0	10	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-23-5	Sodium	69.9	J	1	13.9	250	1000	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-28-0	Thallium	5	U	1	2.4	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-62-2	Vanadium	5	U	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010
7440-66-6	Zinc	5	U	1	5	5.0	20	ug/L	12/24/14 08:00	12/24/14 18:25	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV30	Mercury	4.0008	4.0	100	90 - 110	CV	12/26/2014	11:45	LB74265

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV34	Mercury	4.7957	5.0	95.9	90 - 110	CV	12/26/2014	11:51	LB74265
CCV35	Mercury	4.6976	5.0	94	90 - 110	CV	12/26/2014	12:20	LB74265
CCV36	Mercury	4.7047	5.0	94.1	90 - 110	CV	12/26/2014	12:41	LB74265

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2600.8	2521	103.2	90 - 110	P	12/24/2014	14:06	LB74260
	Antimony	975.16	994	98.1	90 - 110	P	12/24/2014	14:06	LB74260
	Arsenic	1006.1	999	100.7	90 - 110	P	12/24/2014	14:06	LB74260
	Barium	527.09	503	104.8	90 - 110	P	12/24/2014	14:06	LB74260
	Beryllium	506.39	495	102.3	90 - 110	P	12/24/2014	14:06	LB74260
	Cadmium	509.79	496	102.8	90 - 110	P	12/24/2014	14:06	LB74260
	Calcium	10368	10026	103.4	90 - 110	P	12/24/2014	14:06	LB74260
	Chromium	516.95	490	105.5	90 - 110	P	12/24/2014	14:06	LB74260
	Cobalt	516.08	499	103.4	90 - 110	P	12/24/2014	14:06	LB74260
	Copper	522.89	492	106.3	90 - 110	P	12/24/2014	14:06	LB74260
	Iron	5225.1	5082	102.8	90 - 110	P	12/24/2014	14:06	LB74260
	Lead	1021.9	1002	102	90 - 110	P	12/24/2014	14:06	LB74260
	Magnesium	6227.4	6074	102.5	90 - 110	P	12/24/2014	14:06	LB74260
	Manganese	524.9	499	105.2	90 - 110	P	12/24/2014	14:06	LB74260
	Nickel	516.26	503	102.6	90 - 110	P	12/24/2014	14:06	LB74260
	Potassium	10279	10021	102.6	90 - 110	P	12/24/2014	14:06	LB74260
	Selenium	991.55	1029	96.4	90 - 110	P	12/24/2014	14:06	LB74260
	Silver	482.76	501	96.4	90 - 110	P	12/24/2014	14:06	LB74260
	Sodium	10303	10097	102	90 - 110	P	12/24/2014	14:06	LB74260
	Thallium	1031.1	1028	100.3	90 - 110	P	12/24/2014	14:06	LB74260
	Vanadium	511.62	501	102.1	90 - 110	P	12/24/2014	14:06	LB74260
	Zinc	1054.1	1025	102.8	90 - 110	P	12/24/2014	14:06	LB74260

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	106.44	100	106.4	70 - 130	P	12/24/2014	14:17	LB74260
	Antimony	47.7	50.0	95.4	70 - 130	P	12/24/2014	14:17	LB74260
	Arsenic	19.66	20.0	98.3	70 - 130	P	12/24/2014	14:17	LB74260
	Barium	103.01	100	103	70 - 130	P	12/24/2014	14:17	LB74260
	Beryllium	6.08	6.0	101.3	70 - 130	P	12/24/2014	14:17	LB74260
	Cadmium	6.06	6.0	101	70 - 130	P	12/24/2014	14:17	LB74260
	Calcium	2060.9	2000	103	70 - 130	P	12/24/2014	14:17	LB74260
	Chromium	10.19	10.0	101.9	70 - 130	P	12/24/2014	14:17	LB74260
	Cobalt	30.39	30.0	101.3	70 - 130	P	12/24/2014	14:17	LB74260
	Copper	21.69	20.0	108.5	70 - 130	P	12/24/2014	14:17	LB74260
	Iron	108.66	100	108.7	70 - 130	P	12/24/2014	14:17	LB74260
	Lead	13.1	12.0	109.2	70 - 130	P	12/24/2014	14:17	LB74260
	Magnesium	2087.2	2000	104.4	70 - 130	P	12/24/2014	14:17	LB74260
	Manganese	21.09	20.0	105.5	70 - 130	P	12/24/2014	14:17	LB74260
	Nickel	41.24	40.0	103.1	70 - 130	P	12/24/2014	14:17	LB74260
	Potassium	2060.2	2000	103	70 - 130	P	12/24/2014	14:17	LB74260
	Selenium	22.35	20.0	111.8	70 - 130	P	12/24/2014	14:17	LB74260
	Silver	10.12	10.0	101.2	70 - 130	P	12/24/2014	14:17	LB74260
	Sodium	2061.3	2000	103.1	70 - 130	P	12/24/2014	14:17	LB74260
	Thallium	40.43	40.0	101.1	70 - 130	P	12/24/2014	14:17	LB74260
	Vanadium	41.42	40.0	103.6	70 - 130	P	12/24/2014	14:17	LB74260
	Zinc	43	40.0	107.5	70 - 130	P	12/24/2014	14:17	LB74260

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10216	10000	102.2	90 - 110	P	12/24/2014	14:43	LB74260
	Antimony	5086.6	5000	101.7	90 - 110	P	12/24/2014	14:43	LB74260
	Arsenic	5024.4	5000	100.5	90 - 110	P	12/24/2014	14:43	LB74260
	Barium	10173	10000	101.7	90 - 110	P	12/24/2014	14:43	LB74260
	Beryllium	253.72	250	101.5	90 - 110	P	12/24/2014	14:43	LB74260
	Cadmium	2508.1	2500	100.3	90 - 110	P	12/24/2014	14:43	LB74260
	Calcium	24959	25000	99.8	90 - 110	P	12/24/2014	14:43	LB74260
	Chromium	1001.8	1000	100.2	90 - 110	P	12/24/2014	14:43	LB74260
	Cobalt	2507.4	2500	100.3	90 - 110	P	12/24/2014	14:43	LB74260
	Copper	1267.8	1250	101.4	90 - 110	P	12/24/2014	14:43	LB74260
	Iron	5053.5	5000	101.1	90 - 110	P	12/24/2014	14:43	LB74260
	Lead	4989.2	5000	99.8	90 - 110	P	12/24/2014	14:43	LB74260
	Magnesium	24860	25000	99.4	90 - 110	P	12/24/2014	14:43	LB74260
	Manganese	2536.7	2500	101.5	90 - 110	P	12/24/2014	14:43	LB74260
	Nickel	2505.6	2500	100.2	90 - 110	P	12/24/2014	14:43	LB74260
	Potassium	24935	25000	99.7	90 - 110	P	12/24/2014	14:43	LB74260
	Selenium	5102.8	5000	102.1	90 - 110	P	12/24/2014	14:43	LB74260
	Silver	1244.2	1250	99.5	90 - 110	P	12/24/2014	14:43	LB74260
	Sodium	24829	25000	99.3	90 - 110	P	12/24/2014	14:43	LB74260
	Thallium	5002.8	5000	100.1	90 - 110	P	12/24/2014	14:43	LB74260
	Vanadium	2498.9	2500	100	90 - 110	P	12/24/2014	14:43	LB74260
	Zinc	2509.8	2500	100.4	90 - 110	P	12/24/2014	14:43	LB74260

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Aluminum	119.77	100	119.8	70 - 130	P	12/24/2014	14:47	LB74260
	Antimony	47.57	50.0	95.1	70 - 130	P	12/24/2014	14:47	LB74260
	Arsenic	18.81	20.0	94.1	70 - 130	P	12/24/2014	14:47	LB74260
	Barium	103.43	100	103.4	70 - 130	P	12/24/2014	14:47	LB74260
	Beryllium	6.13	6.0	102.2	70 - 130	P	12/24/2014	14:47	LB74260
	Cadmium	6.04	6.0	100.7	70 - 130	P	12/24/2014	14:47	LB74260
	Calcium	2036.5	2000	101.8	70 - 130	P	12/24/2014	14:47	LB74260
	Chromium	10.6	10.0	106	70 - 130	P	12/24/2014	14:47	LB74260
	Cobalt	30.63	30.0	102.1	70 - 130	P	12/24/2014	14:47	LB74260
	Copper	21.57	20.0	107.9	70 - 130	P	12/24/2014	14:47	LB74260
	Iron	97.59	100	97.6	70 - 130	P	12/24/2014	14:47	LB74260
	Lead	13.28	12.0	110.7	70 - 130	P	12/24/2014	14:47	LB74260
	Magnesium	2071.3	2000	103.6	70 - 130	P	12/24/2014	14:47	LB74260
	Manganese	21.08	20.0	105.4	70 - 130	P	12/24/2014	14:47	LB74260
	Nickel	41.44	40.0	103.6	70 - 130	P	12/24/2014	14:47	LB74260
	Potassium	2066.1	2000	103.3	70 - 130	P	12/24/2014	14:47	LB74260
	Selenium	19.55	20.0	97.8	70 - 130	P	12/24/2014	14:47	LB74260
	Silver	9.82	10.0	98.2	70 - 130	P	12/24/2014	14:47	LB74260
	Sodium	2015.7	2000	100.8	70 - 130	P	12/24/2014	14:47	LB74260
	Thallium	40.54	40.0	101.4	70 - 130	P	12/24/2014	14:47	LB74260
	Vanadium	40.24	40.0	100.6	70 - 130	P	12/24/2014	14:47	LB74260
	Zinc	42.96	40.0	107.4	70 - 130	P	12/24/2014	14:47	LB74260

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Aluminum	9999.9	10000	100	90 - 110	P	12/24/2014	15:36	LB74260
	Antimony	4999.1	5000	100	90 - 110	P	12/24/2014	15:36	LB74260
	Arsenic	4968.3	5000	99.4	90 - 110	P	12/24/2014	15:36	LB74260
	Barium	9963.2	10000	99.6	90 - 110	P	12/24/2014	15:36	LB74260
	Beryllium	249.97	250	100	90 - 110	P	12/24/2014	15:36	LB74260
	Cadmium	2457.2	2500	98.3	90 - 110	P	12/24/2014	15:36	LB74260
	Calcium	24463	25000	97.9	90 - 110	P	12/24/2014	15:36	LB74260
	Chromium	986.51	1000	98.7	90 - 110	P	12/24/2014	15:36	LB74260
	Cobalt	2454.7	2500	98.2	90 - 110	P	12/24/2014	15:36	LB74260
	Copper	1248.7	1250	99.9	90 - 110	P	12/24/2014	15:36	LB74260
	Iron	4943.4	5000	98.9	90 - 110	P	12/24/2014	15:36	LB74260
	Lead	4899.7	5000	98	90 - 110	P	12/24/2014	15:36	LB74260
	Magnesium	24376	25000	97.5	90 - 110	P	12/24/2014	15:36	LB74260
	Manganese	2492.4	2500	99.7	90 - 110	P	12/24/2014	15:36	LB74260
	Nickel	2461.4	2500	98.5	90 - 110	P	12/24/2014	15:36	LB74260
	Potassium	24499	25000	98	90 - 110	P	12/24/2014	15:36	LB74260
	Selenium	5044.9	5000	100.9	90 - 110	P	12/24/2014	15:36	LB74260
	Silver	1230.4	1250	98.4	90 - 110	P	12/24/2014	15:36	LB74260
	Sodium	24441	25000	97.8	90 - 110	P	12/24/2014	15:36	LB74260
	Thallium	4924.6	5000	98.5	90 - 110	P	12/24/2014	15:36	LB74260
	Vanadium	2470.6	2500	98.8	90 - 110	P	12/24/2014	15:36	LB74260
	Zinc	2448	2500	97.9	90 - 110	P	12/24/2014	15:36	LB74260
CCV03	Aluminum	10190	10000	101.9	90 - 110	P	12/24/2014	16:27	LB74260
	Antimony	5021.1	5000	100.4	90 - 110	P	12/24/2014	16:27	LB74260
	Arsenic	5021.1	5000	100.4	90 - 110	P	12/24/2014	16:27	LB74260
	Barium	10136	10000	101.4	90 - 110	P	12/24/2014	16:27	LB74260
	Beryllium	251	250	100.4	90 - 110	P	12/24/2014	16:27	LB74260
	Cadmium	2462.2	2500	98.5	90 - 110	P	12/24/2014	16:27	LB74260
	Calcium	24911	25000	99.6	90 - 110	P	12/24/2014	16:27	LB74260
	Chromium	993.29	1000	99.3	90 - 110	P	12/24/2014	16:27	LB74260
	Cobalt	2464.8	2500	98.6	90 - 110	P	12/24/2014	16:27	LB74260
	Copper	1253.7	1250	100.3	90 - 110	P	12/24/2014	16:27	LB74260
	Iron	4994.9	5000	99.9	90 - 110	P	12/24/2014	16:27	LB74260
	Lead	4926.1	5000	98.5	90 - 110	P	12/24/2014	16:27	LB74260

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Magnesium	24622	25000	98.5	90 - 110	P	12/24/2014	16:27	LB74260
	Manganese	2503.3	2500	100.1	90 - 110	P	12/24/2014	16:27	LB74260
	Nickel	2476.9	2500	99.1	90 - 110	P	12/24/2014	16:27	LB74260
	Potassium	25120	25000	100.5	90 - 110	P	12/24/2014	16:27	LB74260
	Selenium	5051.2	5000	101	90 - 110	P	12/24/2014	16:27	LB74260
	Silver	1238.5	1250	99.1	90 - 110	P	12/24/2014	16:27	LB74260
	Sodium	24859	25000	99.4	90 - 110	P	12/24/2014	16:27	LB74260
	Thallium	4940.8	5000	98.8	90 - 110	P	12/24/2014	16:27	LB74260
	Vanadium	2490.1	2500	99.6	90 - 110	P	12/24/2014	16:27	LB74260
	Zinc	2485.5	2500	99.4	90 - 110	P	12/24/2014	16:27	LB74260
CCV04	Aluminum	9998.2	10000	100	90 - 110	P	12/24/2014	17:17	LB74260
	Antimony	4923.3	5000	98.5	90 - 110	P	12/24/2014	17:17	LB74260
	Arsenic	4927	5000	98.5	90 - 110	P	12/24/2014	17:17	LB74260
	Barium	9935.2	10000	99.4	90 - 110	P	12/24/2014	17:17	LB74260
	Beryllium	244.69	250	97.9	90 - 110	P	12/24/2014	17:17	LB74260
	Cadmium	2408.8	2500	96.4	90 - 110	P	12/24/2014	17:17	LB74260
	Calcium	24356	25000	97.4	90 - 110	P	12/24/2014	17:17	LB74260
	Chromium	969.72	1000	97	90 - 110	P	12/24/2014	17:17	LB74260
	Cobalt	2410.7	2500	96.4	90 - 110	P	12/24/2014	17:17	LB74260
	Copper	1231.6	1250	98.5	90 - 110	P	12/24/2014	17:17	LB74260
	Iron	4998.5	5000	100	90 - 110	P	12/24/2014	17:17	LB74260
	Lead	4828	5000	96.6	90 - 110	P	12/24/2014	17:17	LB74260
	Magnesium	23901	25000	95.6	90 - 110	P	12/24/2014	17:17	LB74260
	Manganese	2440.8	2500	97.6	90 - 110	P	12/24/2014	17:17	LB74260
	Nickel	2425.9	2500	97	90 - 110	P	12/24/2014	17:17	LB74260
	Potassium	24627	25000	98.5	90 - 110	P	12/24/2014	17:17	LB74260
	Selenium	4940.7	5000	98.8	90 - 110	P	12/24/2014	17:17	LB74260
	Silver	1213.9	1250	97.1	90 - 110	P	12/24/2014	17:17	LB74260
	Sodium	24274	25000	97.1	90 - 110	P	12/24/2014	17:17	LB74260
	Thallium	4858.7	5000	97.2	90 - 110	P	12/24/2014	17:17	LB74260
	Vanadium	2438.7	2500	97.5	90 - 110	P	12/24/2014	17:17	LB74260
	Zinc	2445.3	2500	97.8	90 - 110	P	12/24/2014	17:17	LB74260
CCV05	Aluminum	9998.5	10000	100	90 - 110	P	12/24/2014	18:08	LB74260
	Antimony	4904.4	5000	98.1	90 - 110	P	12/24/2014	18:08	LB74260

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Arsenic	4977.4	5000	99.5	90 - 110	P	12/24/2014	18:08	LB74260
	Barium	9905.7	10000	99.1	90 - 110	P	12/24/2014	18:08	LB74260
	Beryllium	243.09	250	97.2	90 - 110	P	12/24/2014	18:08	LB74260
	Cadmium	2394	2500	95.8	90 - 110	P	12/24/2014	18:08	LB74260
	Calcium	24760	25000	99	90 - 110	P	12/24/2014	18:08	LB74260
	Chromium	972.04	1000	97.2	90 - 110	P	12/24/2014	18:08	LB74260
	Cobalt	2394.2	2500	95.8	90 - 110	P	12/24/2014	18:08	LB74260
	Copper	1236	1250	98.9	90 - 110	P	12/24/2014	18:08	LB74260
	Iron	4994.2	5000	99.9	90 - 110	P	12/24/2014	18:08	LB74260
	Lead	4829.1	5000	96.6	90 - 110	P	12/24/2014	18:08	LB74260
	Magnesium	23951	25000	95.8	90 - 110	P	12/24/2014	18:08	LB74260
	Manganese	2440.6	2500	97.6	90 - 110	P	12/24/2014	18:08	LB74260
	Nickel	2426.6	2500	97.1	90 - 110	P	12/24/2014	18:08	LB74260
	Potassium	25194	25000	100.8	90 - 110	P	12/24/2014	18:08	LB74260
	Selenium	4966.8	5000	99.3	90 - 110	P	12/24/2014	18:08	LB74260
	Silver	1211.9	1250	97	90 - 110	P	12/24/2014	18:08	LB74260
	Sodium	24621	25000	98.5	90 - 110	P	12/24/2014	18:08	LB74260
	Thallium	4835.2	5000	96.7	90 - 110	P	12/24/2014	18:08	LB74260
	Vanadium	2463.4	2500	98.5	90 - 110	P	12/24/2014	18:08	LB74260
	Zinc	2392.4	2500	95.7	90 - 110	P	12/24/2014	18:08	LB74260
CCV06	Aluminum	9899.9	10000	99	90 - 110	P	12/24/2014	18:58	LB74260
	Antimony	4851.5	5000	97	90 - 110	P	12/24/2014	18:58	LB74260
	Arsenic	5013.3	5000	100.3	90 - 110	P	12/24/2014	18:58	LB74260
	Barium	9860.6	10000	98.6	90 - 110	P	12/24/2014	18:58	LB74260
	Beryllium	240.02	250	96	90 - 110	P	12/24/2014	18:58	LB74260
	Cadmium	2372.1	2500	94.9	90 - 110	P	12/24/2014	18:58	LB74260
	Calcium	24613	25000	98.5	90 - 110	P	12/24/2014	18:58	LB74260
	Chromium	968.25	1000	96.8	90 - 110	P	12/24/2014	18:58	LB74260
	Cobalt	2364.7	2500	94.6	90 - 110	P	12/24/2014	18:58	LB74260
	Copper	1231.7	1250	98.5	90 - 110	P	12/24/2014	18:58	LB74260
	Iron	4851.3	5000	97	90 - 110	P	12/24/2014	18:58	LB74260
	Lead	4822.2	5000	96.4	90 - 110	P	12/24/2014	18:58	LB74260
	Magnesium	23660	25000	94.6	90 - 110	P	12/24/2014	18:58	LB74260
	Manganese	2412.1	2500	96.5	90 - 110	P	12/24/2014	18:58	LB74260

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Nickel	2426.4	2500	97.1	90 - 110	P	12/24/2014	18:58	LB74260
	Potassium	25532	25000	102.1	90 - 110	P	12/24/2014	18:58	LB74260
	Selenium	4944.8	5000	98.9	90 - 110	P	12/24/2014	18:58	LB74260
	Silver	1210.1	1250	96.8	90 - 110	P	12/24/2014	18:58	LB74260
	Sodium	24700	25000	98.8	90 - 110	P	12/24/2014	18:58	LB74260
	Thallium	4811.6	5000	96.2	90 - 110	P	12/24/2014	18:58	LB74260
	Vanadium	2475.5	2500	99	90 - 110	P	12/24/2014	18:58	LB74260
	Zinc	2383.5	2500	95.3	90 - 110	P	12/24/2014	18:58	LB74260

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Aluminum	120	100	120	70 - 130	P	12/24/2014	19:02	LB74260
	Antimony	42.88	50.0	85.8	70 - 130	P	12/24/2014	19:02	LB74260
	Arsenic	18.91	20.0	94.6	70 - 130	P	12/24/2014	19:02	LB74260
	Barium	100.96	100	101	70 - 130	P	12/24/2014	19:02	LB74260
	Beryllium	5.76	6.0	96	70 - 130	P	12/24/2014	19:02	LB74260
	Cadmium	5.64	6.0	94	70 - 130	P	12/24/2014	19:02	LB74260
	Calcium	2012.4	2000	100.6	70 - 130	P	12/24/2014	19:02	LB74260
	Chromium	9.88	10.0	98.8	70 - 130	P	12/24/2014	19:02	LB74260
	Cobalt	29.34	30.0	97.8	70 - 130	P	12/24/2014	19:02	LB74260
	Copper	19.92	20.0	99.6	70 - 130	P	12/24/2014	19:02	LB74260
	Iron	100.34	100	100.3	70 - 130	P	12/24/2014	19:02	LB74260
	Lead	10.77	12.0	89.8	70 - 130	P	12/24/2014	19:02	LB74260
	Magnesium	1963.5	2000	98.2	70 - 130	P	12/24/2014	19:02	LB74260
	Manganese	20.14	20.0	100.7	70 - 130	P	12/24/2014	19:02	LB74260
	Nickel	39.93	40.0	99.8	70 - 130	P	12/24/2014	19:02	LB74260
	Potassium	2108.9	2000	105.4	70 - 130	P	12/24/2014	19:02	LB74260
	Selenium	20.42	20.0	102.1	70 - 130	P	12/24/2014	19:02	LB74260
	Silver	9.55	10.0	95.5	70 - 130	P	12/24/2014	19:02	LB74260
	Sodium	2055	2000	102.8	70 - 130	P	12/24/2014	19:02	LB74260
	Thallium	41.07	40.0	102.7	70 - 130	P	12/24/2014	19:02	LB74260
	Vanadium	40.65	40.0	101.6	70 - 130	P	12/24/2014	19:02	LB74260
	Zinc	39.81	40.0	99.5	70 - 130	P	12/24/2014	19:02	LB74260

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Aluminum	9992.6	10000	99.9	90 - 110	P	12/24/2014	19:55	LB74260
	Antimony	4891.7	5000	97.8	90 - 110	P	12/24/2014	19:55	LB74260
	Arsenic	5040.6	5000	100.8	90 - 110	P	12/24/2014	19:55	LB74260
	Barium	9940.7	10000	99.4	90 - 110	P	12/24/2014	19:55	LB74260
	Beryllium	241.67	250	96.7	90 - 110	P	12/24/2014	19:55	LB74260
	Cadmium	2389	2500	95.6	90 - 110	P	12/24/2014	19:55	LB74260
	Calcium	24697	25000	98.8	90 - 110	P	12/24/2014	19:55	LB74260
	Chromium	975.94	1000	97.6	90 - 110	P	12/24/2014	19:55	LB74260
	Cobalt	2384.2	2500	95.4	90 - 110	P	12/24/2014	19:55	LB74260
	Copper	1235	1250	98.8	90 - 110	P	12/24/2014	19:55	LB74260
	Iron	4813.6	5000	96.3	90 - 110	P	12/24/2014	19:55	LB74260
	Lead	4838.5	5000	96.8	90 - 110	P	12/24/2014	19:55	LB74260
	Magnesium	23879	25000	95.5	90 - 110	P	12/24/2014	19:55	LB74260
	Manganese	2428.1	2500	97.1	90 - 110	P	12/24/2014	19:55	LB74260
	Nickel	2432	2500	97.3	90 - 110	P	12/24/2014	19:55	LB74260
	Potassium	25464	25000	101.9	90 - 110	P	12/24/2014	19:55	LB74260
	Selenium	4948.5	5000	99	90 - 110	P	12/24/2014	19:55	LB74260
	Silver	1214.1	1250	97.1	90 - 110	P	12/24/2014	19:55	LB74260
	Sodium	24731	25000	98.9	90 - 110	P	12/24/2014	19:55	LB74260
	Thallium	4852.5	5000	97.1	90 - 110	P	12/24/2014	19:55	LB74260
	Vanadium	2474.7	2500	99	90 - 110	P	12/24/2014	19:55	LB74260
	Zinc	2380.4	2500	95.2	90 - 110	P	12/24/2014	19:55	LB74260
CCV08	Aluminum	9944.3	10000	99.4	90 - 110	P	12/24/2014	20:30	LB74260
	Antimony	4855.3	5000	97.1	90 - 110	P	12/24/2014	20:30	LB74260
	Arsenic	5005.8	5000	100.1	90 - 110	P	12/24/2014	20:30	LB74260
	Barium	9680.2	10000	96.8	90 - 110	P	12/24/2014	20:30	LB74260
	Beryllium	237.41	250	95	90 - 110	P	12/24/2014	20:30	LB74260
	Cadmium	2350.5	2500	94	90 - 110	P	12/24/2014	20:30	LB74260
	Calcium	24261	25000	97	90 - 110	P	12/24/2014	20:30	LB74260
	Chromium	959.26	1000	95.9	90 - 110	P	12/24/2014	20:30	LB74260
	Cobalt	2342.5	2500	93.7	90 - 110	P	12/24/2014	20:30	LB74260
	Copper	1224.1	1250	97.9	90 - 110	P	12/24/2014	20:30	LB74260
	Iron	4715.2	5000	94.3	90 - 110	P	12/24/2014	20:30	LB74260
	Lead	4779.8	5000	95.6	90 - 110	P	12/24/2014	20:30	LB74260

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Magnesium	23339	25000	93.4	90 - 110	P	12/24/2014	20:30	LB74260
	Manganese	2382.9	2500	95.3	90 - 110	P	12/24/2014	20:30	LB74260
	Nickel	2400.5	2500	96	90 - 110	P	12/24/2014	20:30	LB74260
	Potassium	25256	25000	101	90 - 110	P	12/24/2014	20:30	LB74260
	Selenium	4938.4	5000	98.8	90 - 110	P	12/24/2014	20:30	LB74260
	Silver	1198.3	1250	95.9	90 - 110	P	12/24/2014	20:30	LB74260
	Sodium	24440	25000	97.8	90 - 110	P	12/24/2014	20:30	LB74260
	Thallium	4803	5000	96.1	90 - 110	P	12/24/2014	20:30	LB74260
	Vanadium	2446.7	2500	97.9	90 - 110	P	12/24/2014	20:30	LB74260
	Zinc	2321.7	2500	92.9	90 - 110	P	12/24/2014	20:30	LB74260

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV03	Aluminum	122.04	100	122	70 - 130	P	12/24/2014	20:34	LB74260
	Antimony	44.44	50.0	88.9	70 - 130	P	12/24/2014	20:34	LB74260
	Arsenic	19.11	20.0	95.6	70 - 130	P	12/24/2014	20:34	LB74260
	Barium	100.09	100	100.1	70 - 130	P	12/24/2014	20:34	LB74260
	Beryllium	5.82	6.0	97	70 - 130	P	12/24/2014	20:34	LB74260
	Cadmium	5.68	6.0	94.7	70 - 130	P	12/24/2014	20:34	LB74260
	Calcium	1999.1	2000	100	70 - 130	P	12/24/2014	20:34	LB74260
	Chromium	9.71	10.0	97.1	70 - 130	P	12/24/2014	20:34	LB74260
	Cobalt	29.2	30.0	97.3	70 - 130	P	12/24/2014	20:34	LB74260
	Copper	19.53	20.0	97.7	70 - 130	P	12/24/2014	20:34	LB74260
	Iron	111.97	100	112	70 - 130	P	12/24/2014	20:34	LB74260
	Lead	11.65	12.0	97.1	70 - 130	P	12/24/2014	20:34	LB74260
	Magnesium	1942	2000	97.1	70 - 130	P	12/24/2014	20:34	LB74260
	Manganese	20.14	20.0	100.7	70 - 130	P	12/24/2014	20:34	LB74260
	Nickel	40.14	40.0	100.4	70 - 130	P	12/24/2014	20:34	LB74260
	Potassium	2158.7	2000	107.9	70 - 130	P	12/24/2014	20:34	LB74260
	Selenium	17.91	20.0	89.6	70 - 130	P	12/24/2014	20:34	LB74260
	Silver	9.52	10.0	95.2	70 - 130	P	12/24/2014	20:34	LB74260
	Sodium	2040.9	2000	102	70 - 130	P	12/24/2014	20:34	LB74260
	Thallium	38.57	40.0	96.4	70 - 130	P	12/24/2014	20:34	LB74260
	Vanadium	40.93	40.0	102.3	70 - 130	P	12/24/2014	20:34	LB74260
	Zinc	39.52	40.0	98.8	70 - 130	P	12/24/2014	20:34	LB74260

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Metals

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CRDL STANDARD FOR AA & ICP

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	110.37	100	110.4	40 - 160	P	12/24/2014	14:28	LB74260
	Antimony	45.84	50.0	91.7	40 - 160	P	12/24/2014	14:28	LB74260
	Arsenic	22.1	20.0	110.5	40 - 160	P	12/24/2014	14:28	LB74260
	Barium	103.5	100	103.5	40 - 160	P	12/24/2014	14:28	LB74260
	Beryllium	6.13	6.0	102.2	40 - 160	P	12/24/2014	14:28	LB74260
	Cadmium	6.13	6.0	102.2	40 - 160	P	12/24/2014	14:28	LB74260
	Calcium	2058.7	2000	102.9	40 - 160	P	12/24/2014	14:28	LB74260
	Chromium	10.18	10.0	101.8	40 - 160	P	12/24/2014	14:28	LB74260
	Cobalt	30.84	30.0	102.8	40 - 160	P	12/24/2014	14:28	LB74260
	Copper	20.89	20.0	104.5	40 - 160	P	12/24/2014	14:28	LB74260
	Iron	97.66	100	97.7	40 - 160	P	12/24/2014	14:28	LB74260
	Lead	11.7	12.0	97.5	40 - 160	P	12/24/2014	14:28	LB74260
	Magnesium	2044.5	2000	102.2	40 - 160	P	12/24/2014	14:28	LB74260
	Manganese	21.26	20.0	106.3	40 - 160	P	12/24/2014	14:28	LB74260
	Nickel	41.45	40.0	103.6	40 - 160	P	12/24/2014	14:28	LB74260
	Potassium	2044.9	2000	102.2	40 - 160	P	12/24/2014	14:28	LB74260
	Selenium	20.74	20.0	103.7	40 - 160	P	12/24/2014	14:28	LB74260
	Silver	10.23	10.0	102.3	40 - 160	P	12/24/2014	14:28	LB74260
	Sodium	2053.7	2000	102.7	40 - 160	P	12/24/2014	14:28	LB74260
	Thallium	40.98	40.0	102.5	40 - 160	P	12/24/2014	14:28	LB74260
	Vanadium	41.13	40.0	102.8	40 - 160	P	12/24/2014	14:28	LB74260
	Zinc	43.98	40.0	110	40 - 160	P	12/24/2014	14:28	LB74260
CRA	Mercury	0.1887	0.2	94.4	40 - 160	CV	12/26/2014	11:56	LB74265

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB30	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/26/2014	11:49	LB74265

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/26/2014	11:53	LB74265
CCB35	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/26/2014	12:22	LB74265
CCB36	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	12/26/2014	12:43	LB74265

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	14:22	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	14:22	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	14:22	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	14:22	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	14:22	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	14:22	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	14:22	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	14:22	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	14:22	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	14:22	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	14:22	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	14:22	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	14:22	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	14:22	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:22	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	14:22	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	14:22	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	14:22	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	14:22	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:22	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:22	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:22	LB74260

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	14:52	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	14:52	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	14:52	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	14:52	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	14:52	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	14:52	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	14:52	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	14:52	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	14:52	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	14:52	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	14:52	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	14:52	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	14:52	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	14:52	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:52	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	14:52	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	14:52	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	14:52	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	14:52	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:52	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:52	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	14:52	LB74260
CCB02	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	15:40	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	15:40	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	15:40	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	15:40	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	15:40	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	15:40	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	15:40	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	15:40	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	15:40	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	15:40	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	15:40	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	15:40	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	15:40	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	15:40	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	15:40	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	15:40	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	15:40	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	15:40	LB74260

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	15:40	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	15:40	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	15:40	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	15:40	LB74260
CCB03	Aluminum	15	+/-100	J	25.0	100	P	12/24/2014	16:31	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	16:31	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	16:31	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	16:31	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	16:31	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	16:31	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	16:31	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	16:31	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	16:31	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	16:31	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	16:31	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	16:31	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	16:31	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	16:31	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	16:31	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	16:31	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	16:31	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	16:31	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	16:31	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	16:31	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	16:31	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	16:31	LB74260
CCB04	Aluminum	14.64	+/-100	J	25.0	100	P	12/24/2014	17:21	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	17:21	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	17:21	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	17:21	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	17:21	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	17:21	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	17:21	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	17:21	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	17:21	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	17:21	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	17:21	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	17:21	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	17:21	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	17:21	LB74260

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	17:21	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	17:21	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	17:21	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	17:21	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	17:21	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	17:21	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	17:21	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	17:21	LB74260
CCB05	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	18:12	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	18:12	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	18:12	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	18:12	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	18:12	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	18:12	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	18:12	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	18:12	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	18:12	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	18:12	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	18:12	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	18:12	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	18:12	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	18:12	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	18:12	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	18:12	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	18:12	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	18:12	LB74260
	Sodium	42.69	+/-2000	J	500	2000	P	12/24/2014	18:12	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	18:12	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	18:12	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	18:12	LB74260
CCB06	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	19:06	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	19:06	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	19:06	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	19:06	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	19:06	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	19:06	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	19:06	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	19:06	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	19:06	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	19:06	LB74260

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Iron	100	+/-100	U	25.0	100	P	12/24/2014	19:06	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	19:06	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	19:06	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	19:06	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:06	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	19:06	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	19:06	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	19:06	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	19:06	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:06	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:06	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:06	LB74260
CCB07	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	19:59	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	19:59	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	19:59	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	19:59	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	19:59	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	19:59	LB74260
	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	19:59	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	19:59	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	19:59	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	19:59	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	19:59	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	19:59	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	19:59	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	19:59	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:59	LB74260
	Potassium	90.93	+/-2000	J	500	2000	P	12/24/2014	19:59	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	19:59	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	19:59	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	19:59	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:59	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:59	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	19:59	LB74260
CCB08	Aluminum	100	+/-100	U	25.0	100	P	12/24/2014	20:39	LB74260
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	12/24/2014	20:39	LB74260
	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	20:39	LB74260
	Barium	100	+/-100	U	25.0	100	P	12/24/2014	20:39	LB74260
	Beryllium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	20:39	LB74260
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	12/24/2014	20:39	LB74260

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Calcium	2000	+/-2000	U	500	2000	P	12/24/2014	20:39	LB74260
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	20:39	LB74260
	Cobalt	30.0	+/-30.0	U	7.5	30.0	P	12/24/2014	20:39	LB74260
	Copper	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	20:39	LB74260
	Iron	100	+/-100	U	25.0	100	P	12/24/2014	20:39	LB74260
	Lead	12.0	+/-12.0	U	3.0	12.0	P	12/24/2014	20:39	LB74260
	Magnesium	2000	+/-2000	U	500	2000	P	12/24/2014	20:39	LB74260
	Manganese	20.0	+/-20.0	U	5.0	20.0	P	12/24/2014	20:39	LB74260
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	20:39	LB74260
	Potassium	2000	+/-2000	U	500	2000	P	12/24/2014	20:39	LB74260
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	12/24/2014	20:39	LB74260
	Silver	10.0	+/-10.0	U	2.5	10.0	P	12/24/2014	20:39	LB74260
	Sodium	2000	+/-2000	U	500	2000	P	12/24/2014	20:39	LB74260
	Thallium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	20:39	LB74260
	Vanadium	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	20:39	LB74260
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	12/24/2014	20:39	LB74260

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB81092BL		**WATER**		**Batch Number:**		**PB81092**		**Prep Date:**	**12/24/2014**	
	Mercury	0.2	<0.2	U	0.1	0.2	CV	12/26/2014	12:02	LB74265

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB81075BL		**WATER**		**Batch Number:**		**PB81075**		**Prep Date:**	**12/24/2014**	
	Aluminum	50.0	<50.0	U	12.5	50.0	P	12/24/2014	15:19	LB74260
	Antimony	25.0	<25.0	U	6.25	25.0	P	12/24/2014	15:19	LB74260
	Arsenic	10.0	<10.0	U	2.5	10.0	P	12/24/2014	15:19	LB74260
	Barium	50.0	<50.0	U	12.5	50.0	P	12/24/2014	15:19	LB74260
	Beryllium	3.0	<3.0	U	0.75	3.0	P	12/24/2014	15:19	LB74260
	Cadmium	3.0	<3.0	U	0.75	3.0	P	12/24/2014	15:19	LB74260
	Calcium	1000	<1000	U	250	1000	P	12/24/2014	15:19	LB74260
	Chromium	5.0	<5.0	U	1.25	5.0	P	12/24/2014	15:19	LB74260
	Cobalt	15.0	<15.0	U	3.75	15.0	P	12/24/2014	15:19	LB74260
	Copper	10.0	<10.0	U	2.5	10.0	P	12/24/2014	15:19	LB74260
	Iron	50.0	<50.0	U	12.5	50.0	P	12/24/2014	15:19	LB74260
	Lead	6.0	<6.0	U	1.5	6.0	P	12/24/2014	15:19	LB74260
	Magnesium	1000	<1000	U	250	1000	P	12/24/2014	15:19	LB74260
	Manganese	10.0	<10.0	U	2.5	10.0	P	12/24/2014	15:19	LB74260
	Nickel	20.0	<20.0	U	5.0	20.0	P	12/24/2014	15:19	LB74260
	Potassium	1000	<1000	U	250	1000	P	12/24/2014	15:19	LB74260
	Selenium	10.0	<10.0	U	5.0	10.0	P	12/24/2014	15:19	LB74260
	Silver	5.0	<5.0	U	1.25	5.0	P	12/24/2014	15:19	LB74260
	Sodium	1000	<1000	U	250	1000	P	12/24/2014	15:19	LB74260
	Thallium	20.0	<20.0	U	5.0	20.0	P	12/24/2014	15:19	LB74260
	Vanadium	20.0	<20.0	U	5.0	20.0	P	12/24/2014	15:19	LB74260
	Zinc	20.0	<20.0	U	5.0	20.0	P	12/24/2014	15:19	LB74260

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	267300	254900	104.9	203920	305880	12/24/2014	14:33	LB74260
	Antimony	-1.08			-50	50	12/24/2014	14:33	LB74260
	Arsenic	7.87			-20	20	12/24/2014	14:33	LB74260
	Barium	5.97	6.0	99.5	-94	106	12/24/2014	14:33	LB74260
	Beryllium	0.62			-6	6	12/24/2014	14:33	LB74260
	Cadmium	-2.2	1.0	220	-5	7	12/24/2014	14:33	LB74260
	Calcium	246900	244500	101	195600	293400	12/24/2014	14:33	LB74260
	Chromium	56.4	52.0	108.5	42	62	12/24/2014	14:33	LB74260
	Cobalt	-0.56			-30	30	12/24/2014	14:33	LB74260
	Copper	2.43	2.0	121.5	-18	22	12/24/2014	14:33	LB74260
	Iron	99500	100700	98.8	80560	120840	12/24/2014	14:33	LB74260
	Lead	-2.51			-12	12	12/24/2014	14:33	LB74260
	Magnesium	263100	2.5544e+006	10.3	204320	306480	12/24/2014	14:33	LB74260
	Manganese	18	7.0	257.1	-13	27	12/24/2014	14:33	LB74260
	Nickel	2.51	2.0	125.5	-38	42	12/24/2014	14:33	LB74260
	Potassium	50			0	0	12/24/2014	14:33	LB74260
	Selenium	-14.2			-20	20	12/24/2014	14:33	LB74260
	Silver	-6.26			-10	10	12/24/2014	14:33	LB74260
	Sodium	21.3			0	0	12/24/2014	14:33	LB74260
	Thallium	-1.06			-40	40	12/24/2014	14:33	LB74260
	Vanadium	1.22			-40	40	12/24/2014	14:33	LB74260
	Zinc	-0.72			-40	40	12/24/2014	14:33	LB74260
ICSAB01	Aluminum	270100	246800	109.4	197440	296160	12/24/2014	14:39	LB74260
	Antimony	616	618	99.7	494	742	12/24/2014	14:39	LB74260
	Arsenic	106	104	101.9	83	125	12/24/2014	14:39	LB74260
	Barium	547	537	101.9	437	637	12/24/2014	14:39	LB74260
	Beryllium	536	495	108.3	396	594	12/24/2014	14:39	LB74260
	Cadmium	1020	972	104.9	778	1166	12/24/2014	14:39	LB74260
	Calcium	254600	234900	108.4	187920	281880	12/24/2014	14:39	LB74260
	Chromium	566	542	104.4	434	650	12/24/2014	14:39	LB74260
	Cobalt	513	476	107.8	381	571	12/24/2014	14:39	LB74260
	Copper	516	511	101	409	613	12/24/2014	14:39	LB74260
	Iron	102900	99320	103.6	79456	119184	12/24/2014	14:39	LB74260
	Lead	44.9	49.0	91.6	37	61	12/24/2014	14:39	LB74260
	Magnesium	271300	248000	109.4	198400	297600	12/24/2014	14:39	LB74260
	Manganese	538	507	106.1	406	608	12/24/2014	14:39	LB74260
	Nickel	1020	954	106.9	763	1145	12/24/2014	14:39	LB74260
	Potassium	20.7			0	0	12/24/2014	14:39	LB74260
	Selenium	36.5	46.0	79.3	26	66	12/24/2014	14:39	LB74260
	Silver	240	201	119.4	161	241	12/24/2014	14:39	LB74260
	Sodium	31			0	0	12/24/2014	14:39	LB74260
	Thallium	108	108	100	68	148	12/24/2014	14:39	LB74260
	Vanadium	516	491	105.1	393	589	12/24/2014	14:39	LB74260
	Zinc	1060	952	111.3	762	1142	12/24/2014	14:39	LB74260

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F5210

contract: CTMA01 **lab code:** CHEM **case no.:** F5210 **sas no.:** F5210

matrix: WATER **sample id:** F5210-02 **client id:** MW-2MS

Percent Solids for Sample: NA **Spiked ID:** F5210-03 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	64 - 129	19500		18700		1000	80		P
Antimony	ug/L	74 - 115	343		25.0	U	400	85.8		P
Arsenic	ug/L	78 - 117	354		6.02	J	400	87		P
Barium	ug/L	81 - 124	328		236		100	92		P
Beryllium	ug/L	77 - 116	88.3		3.0	U	100	88.3		P
Cadmium	ug/L	72 - 121	87.7		3.0	U	100	87.7		P
Calcium	ug/L	10 - 236	63800		64000		500	-40		P
Chromium	ug/L	75 - 117	235		58.3		200	88		P
Cobalt	ug/L	74 - 116	105		14.6	J	100	90		P
Copper	ug/L	75 - 111	203		72.7		150	87		P
Iron	ug/L	27 - 152	24800		24200		1500	40		P
Lead	ug/L	74 - 119	455		15.8		500	88		P
Magnesium	ug/L	10 - 185	27200		26600		1000	60		P
Manganese	ug/L	10 - 168	1180		1110		100	70		P
Mercury	ug/L	80 - 120	4.29		0.121	J	4.0	104		CV
Nickel	ug/L	75 - 118	270		43.5		250	91		P
Potassium	ug/L	41 - 167	13400		8690		5000	94		P
Selenium	ug/L	71 - 107	775		10.0	U	1000	77.5		P
Silver	ug/L	77 - 122	32		5.0	U	37.5	85.3		P
Sodium	ug/L	10 - 194	132300		132900		1500	-40		P
Thallium	ug/L	76 - 124	865		20.0	U	1000	86.5		P
Vanadium	ug/L	78 - 113	179		41.6		150	92		P
Zinc	ug/L	62 - 116	143		55.9		100	87		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: C.T. Male Associates, P.C., **level:** low **sdg no.:** F5210

contract: CTMA01 **lab code:** CHEM **case no.:** F5210 **sas no.:** F5210

matrix: WATER **sample id:** F5210-02 **client id:** MW-2MSD

Percent Solids for Sample: NA **Spiked ID:** F5210-04 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	64 - 129	19500		18700		1000	80		P
Antimony	ug/L	74 - 115	340		25.0	U	400	85		P
Arsenic	ug/L	78 - 117	351		6.02	J	400	86		P
Barium	ug/L	81 - 124	329		236		100	93		P
Beryllium	ug/L	77 - 116	88.2		3.0	U	100	88.2		P
Cadmium	ug/L	72 - 121	87.7		3.0	U	100	87.7		P
Calcium	ug/L	10 - 236	64200		64000		500	40		P
Chromium	ug/L	75 - 117	235		58.3		200	88		P
Cobalt	ug/L	74 - 116	105		14.6	J	100	90		P
Copper	ug/L	75 - 111	203		72.7		150	87		P
Iron	ug/L	27 - 152	25100		24200		1500	60		P
Lead	ug/L	74 - 119	456		15.8		500	88		P
Magnesium	ug/L	10 - 185	27300		26600		1000	70		P
Manganese	ug/L	10 - 168	1180		1110		100	70		P
Mercury	ug/L	80 - 120	4.49		0.121	J	4.0	109		CV
Nickel	ug/L	75 - 118	269		43.5		250	90		P
Potassium	ug/L	41 - 167	13500		8690		5000	96		P
Selenium	ug/L	71 - 107	776		10.0	U	1000	77.6		P
Silver	ug/L	77 - 122	32		5.0	U	37.5	85.3		P
Sodium	ug/L	10 - 194	132300		132900		1500	-40		P
Thallium	ug/L	76 - 124	866		20.0	U	1000	86.6		P
Vanadium	ug/L	78 - 113	180		41.6		150	92		P
Zinc	ug/L	62 - 116	144		55.9		100	88		P

CHEMTECH

Metals
- 5b -

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Matrix: WATER **Sample ID:** F5210-02 **Client ID:** MW-2DUP

Percent Solids for Sample: NA **Duplicate ID** F5210-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	18700		18800		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	6.02	J	5.66	J	6		P
Barium	ug/L	20	236		235		0		P
Beryllium	ug/L	20	3.0	U	3.0	U			P
Cadmium	ug/L	20	3.0	U	3.0	U			P
Calcium	ug/L	20	64000		64000		0		P
Chromium	ug/L	20	58.3		58.2		0		P
Cobalt	ug/L	20	14.6	J	14.7	J	1		P
Copper	ug/L	20	72.7		72.6		0		P
Iron	ug/L	20	24200		23900		1		P
Lead	ug/L	20	15.8		15.7		1		P
Magnesium	ug/L	20	26600		26700		0		P
Manganese	ug/L	20	1110		1120		1		P
Mercury	ug/L	20	0.121	J	0.2	U	200.0		CV
Nickel	ug/L	20	43.5		42.6		2		P
Potassium	ug/L	20	8690		8640		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.0	U	5.0	U			P
Sodium	ug/L	20	132900		131000		1		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	41.6		42.2		1		P
Zinc	ug/L	20	55.9		55.6		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

Metals

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DUPLICATE SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **Level:** LOW **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Matrix: WATER **Sample ID:** F5210-03 **Client ID:** MW-2MSD

Percent Solids for Sample: NA **Duplicate ID** F5210-04 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	19500		19500		0		P
Antimony	ug/L	20	343		340		1		P
Arsenic	ug/L	20	354		351		1		P
Barium	ug/L	20	328		329		0		P
Beryllium	ug/L	20	88.3		88.2		0		P
Cadmium	ug/L	20	87.7		87.7		0		P
Calcium	ug/L	20	63800		64200		1		P
Chromium	ug/L	20	235		235		0		P
Cobalt	ug/L	20	105		105		0		P
Copper	ug/L	20	203		203		0		P
Iron	ug/L	20	24800		25100		1		P
Lead	ug/L	20	455		456		0		P
Magnesium	ug/L	20	27200		27300		0		P
Manganese	ug/L	20	1180		1180		0		P
Mercury	ug/L	20	4.29		4.49		5		CV
Nickel	ug/L	20	270		269		0		P
Potassium	ug/L	20	13400		13500		1		P
Selenium	ug/L	20	775		776		0		P
Silver	ug/L	20	32		32		0		P
Sodium	ug/L	20	132300		132300		0		P
Thallium	ug/L	20	865		866		0		P
Vanadium	ug/L	20	179		180		1		P
Zinc	ug/L	20	143		144		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB81075BS							
Aluminum	ug/L	1000	994		99.4	81 - 117	P
Antimony	ug/L	400	395		98.8	79 - 114	P
Arsenic	ug/L	400	386		96.5	82 - 113	P
Barium	ug/L	100	103		103	83 - 118	P
Beryllium	ug/L	100	100		100	84 - 115	P
Cadmium	ug/L	100	100		100	82 - 119	P
Calcium	ug/L	500	512	J	102.4	10 - 129	P
Chromium	ug/L	200	202		101	83 - 118	P
Cobalt	ug/L	100	100		100	82 - 118	P
Copper	ug/L	150	154		102.7	80 - 115	P
Iron	ug/L	1500	1520		101.3	79 - 112	P
Lead	ug/L	500	490		98	83 - 119	P
Magnesium	ug/L	1000	1010		101	10 - 123	P
Manganese	ug/L	100	103		103	10 - 115	P
Nickel	ug/L	250	253		101.2	84 - 123	P
Potassium	ug/L	5000	5010		100.2	67 - 121	P
Selenium	ug/L	1000	986		98.6	75 - 108	P
Silver	ug/L	37.5	35.8		95.5	81 - 126	P
Sodium	ug/L	1500	1510		100.7	10 - 165	P
Thallium	ug/L	1000	971		97.1	86 - 122	P
Vanadium	ug/L	150	150		100	84 - 114	P
Zinc	ug/L	100	103		103	89 - 126	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB81092BS							
Mercury	ug/L	4.0	3.95		98.8	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-2L

Lab Name: Chemtech Consulting Group **Contract:** CTMA01

Lab Code: CHEM **Lb No.:** lb74260 **Lab Sample ID :** F5210-02L **SDG No.:** F5210

Matrix (soil/water): WATER **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	18700		21800		17		P
Antimony	25.0	U	125	U			P
Arsenic	6.02	J	50.0	U	100.0		P
Barium	236		263		11		P
Beryllium	3.0	U	15.0	U			P
Cadmium	3.0	U	15.0	U			P
Calcium	64000		67500		5		P
Chromium	58.3		64		10		P
Cobalt	14.6	J	75.0	U	100.0		P
Copper	72.7		84.3		16		P
Iron	24200		25100		4		P
Lead	15.8		15.4	J	3		P
Magnesium	26600		28200		6		P
Manganese	1110		1200		8		P
Mercury	0.121	J	1.0	U	100.0		CV
Nickel	43.5		43.8	J	1		P
Potassium	8690		10100		16		P
Selenium	10.0	U	50.0	U			P
Silver	5.0	U	25.0	U			P
Sodium	132900		138200		4		P
Thallium	20.0	U	100	U			P
Vanadium	41.6		47.9	J	15		P
Zinc	55.9		59.9	J	7		P

METAL PREPARATION & INSTRUMENT DATA

Metals

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Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: P4 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method:	**6010C**				
Aluminum	396.10	6.5	12.5	50.0	
Antimony	206.83	6.25	6.25	25.0	
Arsenic	189.04	2.5	2.5	10.0	
Barium	493.41	4.0	12.5	50.0	
Beryllium	234.86	0.7	0.75	3.0	
Cadmium	226.50	0.5	0.75	3.0	
Calcium	373.69	31.8	250	1000	
Chromium	267.72	1.1	1.25	5.0	
Cobalt	228.62	3.75	3.75	15.0	
Copper	224.70	2.0	2.5	10.0	
Iron	240.48	12.5	12.5	50.0	
Lead	220.35	1.5	1.5	6.0	
Magnesium	279.08	32.5	250	1000	
Manganese	257.61	1.7	2.5	10.0	
Nickel	231.60	4.2	5.0	20.0	
Potassium	766.49	38.8	250	1000	
Selenium	196.02	4.8	5.0	10.0	
Silver	328.07	1.25	1.25	5.0	
Sodium	589.59	13.9	250	1000	
Thallium	190.86	2.4	5.0	20.0	
Vanadium	292.40	5.0	5.0	20.0	
Zinc	213.8	5.0	5.0	20.0	

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Metals

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: CV1 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method: **7470A**					
Mercury	253.70	0.1	0.1	0.2	

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0001030	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000090	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000840	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0001620	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0001070	0.0000000	0.0000280	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001280	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001170	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001900	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0001570
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0004170
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002660
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0018500
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0308240
Antimony	206.833	0.0013816	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0011220	0.0000000	0.0000000	0.0000000	0.0015300
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000740	-0.0003180
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0002280	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0011900
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0014660
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0003060	0.0000000	0.0000000	0.0001250	-0.0013650
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	-0.0137700
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0020550
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0006680	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0002250	0.0000000	0.0000000	0.0011640	0.0000000
Vanadium	292.402	-0.0032600	0.0000000	0.0000000	-0.0220050	-0.0003720
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	-0.0004160	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000930	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001600	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0049290	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0002444	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0057000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	-0.0018200	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	-0.0040370	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	-0.0346560	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LINEAR RANGES

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Case No.:** F5210 **SAS No.:** F5210

Instrument ID: P4 **Date:** 12/06/2012

Analyte	Integration Time (sec)	LDR ug/L
Aluminum	10	1500000
Antimony	10	100000
Arsenic	10	80000
Barium	10	100000
Beryllium	10	10000
Cadmium	10	9000
Calcium	10	3000000
Chromium	10	95000
Cobalt	10	45000
Copper	10	250000
Iron	10	800000
Lead	10	280000
Magnesium	10	2000000
Manganese	10	95000
Nickel	10	45000
Potassium	10	1800000
Selenium	10	45000
Silver	10	9000
Sodium	10	2200000
Thallium	10	85000
Vanadium	10	95000
Zinc	10	95000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Method:**

Case No.: F5210 **SAS No.:** F5210

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB81075**						
F5210-01	MW-1	SAM	WATER	12/24/2014	50.0	25.0	
F5210-02	MW-2	SAM	WATER	12/24/2014	50.0	25.0	
F5210-02DUP	MW-2DUP	DUP	WATER	12/24/2014	50.0	25.0	
F5210-03	MW-2MS	MS	WATER	12/24/2014	50.0	25.0	
F5210-04	MW-2MSD	MSD	WATER	12/24/2014	50.0	25.0	
F5210-05	MW-3	SAM	WATER	12/24/2014	50.0	25.0	
F5210-06	FD01	SAM	WATER	12/24/2014	50.0	25.0	
F5210-07	EB01	SAM	WATER	12/24/2014	50.0	25.0	
PB81075BL	PB81075BL	MB	WATER	12/24/2014	50.0	25.0	
PB81075BS	PB81075BS	LCS	WATER	12/24/2014	50.0	25.0	

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SAMPLE PREPARATION SUMMARY

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Contract: CTMA01 **Lab Code:** CHEM **Method:**

Case No.: F5210 **SAS No.:** F5210

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB81092**						
F5210-01	MW-1	SAM	WATER	12/24/2014	30.0	30.0	
F5210-02	MW-2	SAM	WATER	12/24/2014	30.0	30.0	
F5210-02DUP	MW-2DUP	DUP	WATER	12/24/2014	30.0	30.0	
F5210-03	MW-2MS	MS	WATER	12/24/2014	30.0	30.0	
F5210-04	MW-2MSD	MSD	WATER	12/24/2014	30.0	30.0	
F5210-05	MW-3	SAM	WATER	12/24/2014	30.0	30.0	
F5210-06	FD01	SAM	WATER	12/24/2014	30.0	30.0	
F5210-07	EB01	SAM	WATER	12/24/2014	30.0	30.0	
PB81092BL	PB81092BL	MB	WATER	12/24/2014	30.0	30.0	
PB81092BS	PB81092BS	LCS	WATER	12/24/2014	30.0	30.0	

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ANALYSIS RUN LOG

Client: C.T. Male Associates, P.C., **Contract:** CTMA01

Lab code: CHEM **Case no.:** F5210 **Sas no.:** F5210 **Sdg no.:** F5210

Instrument id number: **Method:** **Run number:** LB74260

Start date: 12/24/2014 **End date:** 12/24/2014

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1345	Ag,Al,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1349	Ca,K,Mg,Na
S3	S3	1	1353	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1406	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1417	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1422	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1428	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV01	LLCCV01	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB81075BL	PB81075BL	1	1519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB81075BS	PB81075BS	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-01	MW-1	1	1532	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1536	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1540	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1627	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1631	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1717	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1721	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-02	MW-2	1	1742	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-02DUP	MW-2DUP	1	1747	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-02L	MW-2L	5	1751	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-03	MW-2MS	1	1755	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-04	MW-2MSD	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1808	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1812	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-05	MW-3	1	1816	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-06	FD01	1	1820	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
F5210-07	EB01	1	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1858	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV02	LLCCV02	1	1902	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1906	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1955	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1959	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2030	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV03	LLCCV03	1	2034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2039	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: C.T. Male Associates, P.C., **Contract:** CTMA01

Lab code: CHEM **Case no.:** F5210 **Sas no.:** F5210 **Sdg no.:** F5210

Instrument id number: **Method:** **Run number:** LB74265

Start date: 12/26/2014 **End date:** 12/26/2014

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1124	HG
S0.2	S0.2	1	1127	HG
S2.5	S2.5	1	1129	HG
S5	S5	1	1131	HG
S7.5	S7.5	1	1139	HG
S10	S10	1	1142	HG
ICV30	ICV30	1	1145	HG
ICB30	ICB30	1	1149	HG
CCV34	CCV34	1	1151	HG
CCB34	CCB34	1	1153	HG
CRA	CRA	1	1156	HG
PB81092BL	PB81092BL	1	1202	HG
PB81092BS	PB81092BS	1	1204	HG
F5210-01	MW-1	1	1206	HG
F5210-02	MW-2	1	1208	HG
F5210-02DUP	MW-2DUP	1	1214	HG
F5210-03	MW-2MS	1	1216	HG
F5210-04	MW-2MSD	1	1218	HG
CCV35	CCV35	1	1220	HG
CCB35	CCB35	1	1222	HG
F5210-02L	MW-2L	5	1224	HG
F5210-05	MW-3	1	1228	HG
F5210-06	FD01	1	1230	HG
F5210-07	EB01	1	1233	HG
CCV36	CCV36	1	1241	HG
CCB36	CCB36	1	1243	HG

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LAB CHRONICLE

OrderID:	F5210	**OrderDate:**	12/22/2014 5:01:00 PM
Client:	C.T. Male Associates, P.C.,	**Project:**	209 Warburton Ave., Yonkers, NY
Contact:	Kirk Moline	**Location:**	J63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F5210-01	**MW-1**	**WATER**			**12/22/14 13:15**			**12/23/14**
			Cyanide	9012B		12/24/14	12/24/14 13:32	
F5210-02	**MW-2**	**WATER**			**12/22/14 12:30**			**12/23/14**
			Cyanide	9012B		12/24/14	12/24/14 13:32	
F5210-05	**MW-3**	**WATER**			**12/22/14 14:00**			**12/23/14**
			Cyanide	9012B		12/24/14	12/24/14 13:32	
F5210-06	**FD01**	**WATER**			**12/22/14 13:00**			**12/23/14**
			Cyanide	9012B		12/24/14	12/24/14 13:32	
F5210-07	**EB01**	**WATER**			**12/22/14 10:15**			**12/23/14**
			Cyanide	9012B		12/24/14	12/24/14 13:32	

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14 13:15
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-1	SDG No.:	F5210
Lab Sample ID:	F5210-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.005	U	1	0.003	0.003	0.005	mg/L	12/24/14 08:00	12/24/14 13:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14 12:30
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-2	SDG No.:	F5210
Lab Sample ID:	F5210-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.005	U	1	0.003	0.003	0.005	mg/L	12/24/14 08:00	12/24/14 13:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14 14:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	MW-3	SDG No.:	F5210
Lab Sample ID:	F5210-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.005	U	1	0.003	0.003	0.005	mg/L	12/24/14 08:00	12/24/14 13:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14 13:00
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	FD01	SDG No.:	F5210
Lab Sample ID:	F5210-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.005	U	1	0.003	0.003	0.005	mg/L	12/24/14 08:00	12/24/14 13:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	C.T. Male Associates, P.C.,	Date Collected:	12/22/14 10:15
Project:	209 Warburton Ave., Yonkers, NY	Date Received:	12/23/14
Client Sample ID:	EB01	SDG No.:	F5210
Lab Sample ID:	F5210-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.005	U	1	0.003	0.003	0.005	mg/L	12/24/14 08:00	12/24/14 13:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Initial and Continuing Calibration Verification

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY **RunNo.:** LB74252

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.10	0.10	100	90-110	12/24/2014
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	12/24/2014
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	12/24/2014
Sample ID:	CCV3						
Cyanide		mg/L	0.24	0.25	96	90-110	12/24/2014

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Initial and Continuing Calibration Blank Summary

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY **RunNo.:** LB74252

Analyte		Units	Result	Acceptance Limits	MDL	RDL	Analysis Date
Sample ID:	ICB1						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/24/2014
Sample ID:	CCB1						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/24/2014
Sample ID:	CCB2						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/24/2014
Sample ID:	CCB3						
Cyanide		mg/L	< 0.005	+/-0.005	0.003	0.005	12/24/2014

Preparation Blank Summary

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY

Analyte	Units	Result	Acceptance Limits	MDL	RDL	Analysis Date
Sample ID: PB81084BLW						
Cyanide	mg/L	< 0.005	+/-0.005	0.003	0.005	12/24/2014

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Matrix Spike Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F5210
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F5210-02
Client ID: MW-2S
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	79-123	0.036		0.003	U	0.04	1	90		12/24/2014

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Matrix Spike Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F5210
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F5210-02
Client ID: MW-2SD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	79-123	0.036		0.003	U	0.04	1	90		12/24/2014

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Duplicate Sample Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F5210
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F5210-02
Client ID: MW-2D
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.003	U	0.003	U	1	0.0		12/24/2014

Duplicate Sample Summary

Client: C.T. Male Associates, P.C.,
SDG No.: F5210
Project: 209 Warburton Ave., Yonkers, NY
Sample ID: F5210-02
Client ID: MW-2SD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.036		0.036		1	0.0		12/24/2014

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Laboratory Control Sample Summary

Client:	C.T. Male Associates, P.C.,	**SDG No.:**	F5210
Project:	209 Warburton Ave., Yonkers, NY	**Run No.:**	LB74252

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB81084BSW								
Cyanide	mg/L	0.10	0.10		100	1	85-115	12/24/2014

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Method Detection Limits

Client: C.T. Male Associates, P.C., **SDG No.:** F5210

Project: 209 Warburton Ave., Yonkers, NY

Analyte	Units	MDL	RDL
Method: 9012B Cyanide		**MDL Date:** 01/15/2006	
Matrix Category: LIQUID			
Cyanide	mg/L	0.003	0.005

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. F5210
QUOTE NO.
COC Number 033226

11.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: C.T. Male Associates
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 209 Warburton Ave
PROJECT NO.: 14.4445 LOCATION: Yonkers NY
PROJECT MANAGER: Kirk Moline
e-mail: K.MolineectMale.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: DAYS *
HARD COPY: Normal DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☒ LEVEL 4: Results + QC (all raw data) ✗
☐ EDD Format:

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 TCL PCBs
4 TCL Pesticides
5 TAL Metals
6 Mercury
7 Cyanide
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.	MW-1	GW		X	12/22/14	1315	7	X	X	X	X	X	X	X		
2.	MW-2 + MS/MSD			X		1230	21	X	X	X	X	X	X	X		
3.	MW-3			X		1400	7	X	X	X	X	X	X	X		
4.	FD01			X		1300	7	X	X	X	X	X	X	X		
5.	EB01			X		1015	7	X	X	X	X	X	X	X		
6.	Transport Blank	Water		X	—	—	2	X								
7.																
8.																
9.																
10.																

PRESERVATIVES: A/F | E | E | E | B,E | B,E | B,E

COMMENTS

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12-23-14 10:30	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	12-23-14 1605	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
Cooler Temp. 5C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: ASP Category B Data Pkg
Ice in Cooler?: Yes

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☒ PICKED UP ☐ OVERNIGHT
Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-7898900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Louisiana	5035
Maryland	296
Massachusetts	M-NJ503
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other :

DOD ELAP Certified (L-A-B Accredited), ISO/IEC 17025	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID:	F5210 CTMA01	**Order Date:**	12/22/2014	**Project Mgr:**	snehal
Client Name:	C.T. Male Associates, P.C.,	**Project Name:**	209 Warburton Ave., Yonkers, N	**Report Type:**	NYS ASP B
Client Contact:	Kirk Moline	**Rec DateTime**	12/23/2014 4:05:00 PM	**EDD:**	Excel NY 375
Invoice Name:	C.T. Male Associates, P.C.,	**Purchase Order:**	13.3591	**Hard Copy Date:**	
Invoice Contact	Kirk Moline	**Login Tech:**	Nikul	**Date Signoff:**	12/23/2014 4:59:57 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
F5210-01	MW-1	Water	12/22/2014	13:15	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-02	MW-2	Water	12/22/2014	12:30	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-03	F5210-02MS	Water	12/22/2014	12:30	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-04	F5210-02MSD	Water	12/22/2014	12:30	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-05	MW-3	Water	12/22/2014	14:00	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-06	FD01	Water	12/22/2014	13:00	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-07	EB01	Water	12/22/2014	10:15	7						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201
F5210-08	TRANSPORTBLANK	Water	12/22/2014		2						
						VOC-TCLVOA-10		8260C	10 Bus.	1/5/2015	1/5/201

LOGIN REPORT/SAMPLE TRANSFER

11.3

Order ID:	F5210 CTMA01	**Order Date:**	12/22/2014	**Project Mgr:**	snehal
Client Name:	C.T. Male Associates, P.C.,	**Project Name:**	209 Warburton Ave., Yonkers, N	**Report Type:**	NYS ASP B
Client Contact:	Kirk Moline	**Rec DateTime**	12/23/2014 4:05:00 PM	**EDD:**	Excel NY 375
Invoice Name:	C.T. Male Associates, P.C.,	**Purchase Order:**	13.3591	**Hard Copy Date:**	
Invoice Contact	Kirk Moline	**Login Tech:**	Nikul	**Date Signoff:**	12/23/2014 4:59:57 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody?	Yes
Are the number of samples the same as stated on the chain of custody?	Yes
Are bottle caps tight and securely in place?	Yes
Were all containers intact when received?	Yes
Were samples submitted in an ice chest?	Yes
Were samples received cold?	Yes
Were samples within the holding time for the requested test(s)?	Yes
Is the volume of sample submitted sufficient for the requested test(s)?	Yes
Are all samples for volatile organic analyses free of headspace?	Yes

ORDER COMMENT

--NY------

Relinquished By:

Date / Time: 12/23/14 1710

Received By:

Date / Time: 12/23/14 1710.

Storage Area: VOA Refridgerator Room