UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
BOSTON, MA 02109-3912

CERTIFIED MAIL RETURN RECEIPT REQUESTED

OCT 09 2012

Robert Flatley
Project Manager
AES Remedial Contracting
132 Town Line Road

Re: Authorization to discharge under the Remediation General Permit (RGP) – MAG910000. Simplex/ Digital Site RTN # 2-10229 site located at 100 Simplex Drive in Westminster, MA 01473, Worcester County; Authorization # MAG910557

Dear Mr. Flatley:

Based on the review of a Notice of Intent (NOI) submitted on behalf of Simplex Grinnel a subsidiary of Tyco International, by your firm AES Remedial Contracting Services, for the site referenced above, the U.S. Environmental Protection Agency (EPA) hereby authorizes you, as the named Operator, to discharge in accordance with the provisions of the RGP at that site. Your authorization number is listed above.

The checklist enclosed with this RGP authorization indicates the pollutants which you are required to monitor. Also indicated on the checklist are the effluent limits, test methods and minimum levels (MLs) for each pollutant. Please note that the checklist does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of this permit, including influent and effluent monitoring, narrative water quality standards, record keeping, and reporting requirements, found in Parts I and II, and Appendices I – VIII of the RGP. See EPA's website for the complete RGP and other information at: http://www.epa.gov/region1/npdes/mass.html#dgp.

Please note the enclosed checklist includes parameters that you have marked " Believe Present". The checklist also includes other parameters for which your laboratory reports indicated there was insufficient sensitivity to detect these parameters at the minimum levels established in Appendix VI of the RGP.

Also, please note that the metal included on the checklist is a dilution dependent pollutant and subject to limitations based on a dilution factor range (DFR). With the absence of dilution to ponds, EPA determined that the DFR for iron is in the one and five (1-5) range. (See the RGP Appendix IV for Massachusetts facilities) Therefore, the limit for iron of 1,000 ug/L, is required to achieve permit compliance at your site.

Finally, please note the checklist of pollutants attached to this authorization is subject to a recertification if the operations at the site result in a discharge lasting longer than six months. A recertification can be submitted to EPA within six (6) to twelve (12) months of operations in accordance with the 2010 RGP regulations.

This general permit and authorization to discharge will expire on September 9, 2015. You have reported that this project will terminate on November 30, 2012. You are required to submit a Notice of Termination (NOT) to the attention of the contact person indicated below within 30 days of project completion.

Thank you in advance for your cooperation in this matter. Please contact Victor Alvarez at 617-918-1572 or Alvarez.Victor@epa.gov, if you have any questions.

Sincerely,

Thelma Murphy

Thelma Murphy, Manager
Storm Water and Construction
Permits Section

Enclosure

cc: Robert Kubit, MassDEP
Joshua W. Hall, Westminster DPW

2010 Remediation General Permit
Summary of Monitoring Parameters[1]

NPDES Authorization Number:	**MAG910557**
Authorization Issued:	October, 2012
Facility/Site Name:	Simplex Digital Site RTN # 2-10229
Facility/Site Address:	100 Simplex Drive, Westminster, MA 01473, Worcester County
	Email address of owner: johnperkins@tycoint.com
Legal Name of Operator:	AES Remedial Contracting, LLC
Operator contact name, title, and Address:	Robert Flatley, Project Manager, 132 Town Line Road, Southington, CT 06489
	Email: aesremedial@comcast.net
Estimated date of Completion:	November 30 2012
Category and Sub-Category:	Category II – Non petroleum Site Remediation. Sub-category B. VOC Sites with Additional Contamination
RGP Termination Date:	September 10, 2015
Receiving Water:	Two on site man made ponds selected for fire protection leading to Round Meadow Pond

Monitoring & Limits are applicable if checked. All samples are to be collected as grab samples

	Parameter	**Effluent Limit/Method#/ML** (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
√	1. Total Suspended Solids (TSS)	30 milligrams/liter (mg/L) **, 50 mg/L for hydrostatic testing ** Me#160.2/ML5ug/L
	2. Total Residual Chlorine (TRC) [1]	Freshwater = 11 ug/L ** Saltwater = 7.5 ug/L **/ Me#330.5/ML 20ug/L
	3. Total Petroleum Hydrocarbons (TPH)	5.0 mg/L/ Me# 1664A/ML 5.0mg/L
	4. Cyanide (CN) [2, 3]	Freshwater = 5.2 ug/l ** Saltwater = 1.0 ug/L **/ Me#335.4/ML 10ug/L
	5. Benzene (B)	5ug/L /50.0 ug/L for hydrostatic testing only/ Me#8260C/ML 2 ug/L
	6. Toluene (T)	(limited as ug/L total BTEX)/ Me#8260C/ ML 2ug/L
√	7. Ethylbenzene (E)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L
√	8. (m,p,o) Xylenes (X)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
√	9. Total Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) [4]	100 ug/L/ Me#8260C/ ML 2ug/L
	10. Ethylene Dibromide (EDB) (1,2- Dibromoethane)	0.05 ug/l/ Me#8260C/ ML 10ug/L
√	11. Methyl-tert-Butyl Ether (MtBE)	70.0 ug/l/Me#8260C/ML 10ug/L
	12.tert-Butyl Alcohol (TBA) (TertiaryButanol)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
	13. tert-Amyl Methyl Ether (TAME)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
√	14. Naphthalene [5]	20 ug/L /Me#8260C/ML 2ug/L
	15. Carbon Tetrachloride	4.4 ug/L /Me#8260C/ ML 5ug/L
	16. 1,2 Dichlorobenzene (o-DCB)	600 ug/L /Me#8260C/ ML 5ug/L
	17. 1,3 Dichlorobenzene (m-DCB)	320 ug/L /Me#8260C/ ML 5ug/L
	18. 1,4 Dichlorobenzene (p-DCB)	5.0 ug/L /Me#8260C/ ML 5ug/L
	18a. Total dichlorobenzene	763 ug/L - NH only /Me#8260C/ ML 5ug/L
√	19. 1,1 Dichloroethane (DCA)	70 ug/L /Me#8260C/ ML 5ug/L
	20. 1,2 Dichloroethane (DCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
√	21. 1,1 Dichloroethene (DCE)	3.2 ug/L/Me#8260C/ ML 5ug/L
√	22. cis-1,2 Dichloroethene (DCE)	70 ug/L/Me#8260C/ ML 5ug/L
√	23. Methylene Chloride	4.6 ug/L/Me#8260C/ ML 5ug/L
√	24. Tetrachloroethene (PCE)	5.0 ug/L/Me#8260C/ ML 5ug/L
	25. 1,1,1 Trichloro-ethane (TCA)	200 ug/L/Me#8260C/ ML 5ug/L
√	26. 1,1,2 Trichloro-ethane (TCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
√	27. Trichloroethene (TCE)	5.0 ug/L /Me#8260C/ ML 5ug/L
	28. Vinyl Chloride (Chloroethene)	2.0 ug/L /Me#8260C/ ML 5ug/L
	29. Acetone	Monitor Only(ug/L)/Me#8260C/ML 50ug/L
√	30. 1,4 Dioxane	Monitor Only /Me#1624C/ML 50ug/L
	31. Total Phenols	300 ug/L Me#420.1&420.2/ML 2 ug/L/ Me# 420.4 /ML 50ug/L
	32. Pentachlorophenol (PCP)	1.0 ug/L /Me#8270D/ML 5ug/L,Me#604 &625/ML 10ug/L
√	33. Total Phthalates (Phthalate esters) [6]	3.0 ug/L ** /Me#8270D/ML 5ug/L, Me#606/ML 10ug/L& Me#625/ML 5ug/L
√	34. Bis (2-Ethylhexyl) Phthalate [Di- (ethylhexyl) Phthalate]	6.0 ug/L /Me#8270D/ML 5ug/L,Me#606/ML 10ug/L & Me#625/ML 5ug/L

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	10.0 ug/L
	a. Benzo(a) Anthracene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	b. Benzo(a) Pyrene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	c. Benzo(b)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	d. Benzo(k)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	e. Chrysene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	f. Dibenzo(a,h)anthracene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	g. Indeno(1,2,3-cd) Pyrene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML5ug/L
	36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	100 ug/L
	h. Acenaphthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	i. Acenaphthylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	j. Anthracene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	k. Benzo(ghi) Perylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	l. Fluoranthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	m. Fluorene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	n. Naphthalene [5]	20 ug/l / Me#8270/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	o. Phenanthrene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	p. Pyrene	X/Me#8270D/ML5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	37. Total Polychlorinated Biphenyls (PCBs) [8, 9]	0.000064 ug/L/Me# 608/ ML 0.5 ug/L
√	38. Chloride	Monitor only/Me# 300.0/ ML 100 ug/L

	Metal parameter	Total Recoverable Metal Limit @ H [10]= 50 mg/l CaCO3 for discharges in Massachusetts (ug/l) [11/12]	Minimum level=ML

		Freshwater	Saltwater		
	39. Antimony	5.6/ML 10			
	40. Arsenic **	10/ML20	36/ML 20		
	41. Cadmium **	0.2/ML10	8.9/ML 10		
	42. Chromium III (trivalent) **	48.8/ML15	100/ML 15		
	43. Chromium VI (hexavalent) **	11.4/ML10	50.3/ML 10		
	44. Copper **	5.2/ML15	3.7/ML 15		
	45. Lead **	1.3/ML20	8.5/ML 20		
	46. Mercury **	0.9/ML0.2	1.1/ML 0.2		
	47. Nickel **	29/ML20	8.2/ML 20		
	48. Selenium **	5/ML20	71/ML 20		
	49. Silver	1.2/ML10	2.2/ML 10		
	50. Zinc **	66.6/ML15	85.6/ML 15		
√	51. Iron	1,000/ML 20			

	Other Parameters	Limit
√	52. Instantaneous Flow	Site specific in CFS
√	53. Total Flow	Site specific in CFS
√	54. pH Range for Class A & Class B Waters in MA	6.5-8.3; 1/Month/Grab[13]
	55. pH Range for Class SA & Class SB Waters in MA	6.5-8.3; 1/Month/Grab[13]
	56. pH Range for Class B Waters in NH	6.5-8; 1/Month/Grab[13]
	57. Daily maximum temperature - Warm water fisheries	83°F; 1/Month/Grab[14]
	58. Daily maximum temperature - Cold water fisheries	68°F; 1/Month/Grab[14]
	59. Maximum Change in Temperature in MA - Any Class A water body	1.5°F; 1/Month/Grab[14]
	60. Maximum Change in Temperature in MA - Any Class B water body- Warm Water	5°F; 1/Month/Grab[14]
	61. Maximum Change in Temperature in MA – Any Class B water body - Cold water and Lakes/Ponds	3°F; 1/Month/Grab[14]
	62. Maximum Change in Temperature in MA – Any Class SA water body - Coastal	1.5°F; 1/Month/Grab[14]
	63. Maximum Change in Temperature in MA – Any Class SB water body - July to September	1.5°F; 1/Month/Grab[14]
	64. Maximum Change in Temperature in MA –Any Class SB water body - October to June	4°F; 1/Month/Grab[14]

Footnotes:

[1] Although the maximum values for TRC are 11ug/l and 7.5 ug/l for freshwater, and saltwater respectively, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., Method 330.5, 20 ug/l).

[2] Limits for cyanide are based on EPA's water quality criteria expressed as micrograms per liter. There is currently no EPA approved test method for free cyanide. Therefore, total cyanide must be reported.
[3] Although the maximum values for cyanide are 5.2 ug/l and 1.0 ug/l for freshwater and saltwater, respectively, the compliance limits are equal to the minimum level (ML) of the Method 335.4 as listed in Appendix VI (i.e., 10 ug/l).
[4] BTEX = sum of Benzene, Toluene, Ethylbenzene, and total Xylenes.
[5] Naphthalene can be reported as both a purgeable (VOC) and extractable (SVOC) organic compound. If both VOC and SVOC are analyzed, the highest value must be used unless the QC criteria for one of the analyses is not met. In such cases, the value from the analysis meeting the QC criteria must be used.
[6] The sum of individual phthalate compounds(not including the #34, Bis (2-Ethylhexyl) Phthalate . The compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.
Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measurement of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.
[7] Although the maximum value for the individual PAH compounds is 0.0038 ug/l, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.
[8] In the November 2002 WQC, EPA has revised the definition of Total PCBs for aquatic life as total PCBs is the sum of all homologue, all isomer, all congener, or all "Oroclor analyses."Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measure of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.
[9]Although the maximum value for total PCBs is 0.000064 ug/l, the compliance limit is equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., 0.5 ug/l for Method 608 or 0.00005 ug/l when Method 1668a is approved).
[10] Hardness. Cadmium, Chromium III, Copper, Lead, Nickel, Silver, and Zinc are Hardness Dependent.
[11] For a Dilution Factor (DF) from 1 to 5, metals limits are calculated using DF times the base limit for the metal. See Appendix IV. For example, iron limits are calculated using DF x 1,000ug/L (the iron base limit). Therefore DF is 1.5, the iron limit will be 1,500 ug/L; DF 2, then iron limit =1,000 x 2 =2,000 ug/L., etc. not to exceed the DF=5.
[12] Minimum Level (ML) is the lowest level at which the analytical system gives a recognizable signal and acceptable calibration point for the analyte. The ML represents the lowest concentration at which an analyte can be measured with a known level of confidence. The ML is calculated by multiplying the laboratory-determined method detection limit by 3.18 (see 40 CFR Part 136, Appendix B).
[13] pH sampling for compliance with permit limits may be performed using field methods as provided for in EPA test Method 150.1.
[14] Temperature sampling per Method 170.1

B. Suggested Form for Notice of Intent (NOI) for the Remediation General Permit

1. General facility/site information. Please provide the following information about the site:

a) Name of **facility/site**: Simplex/Digital Site RTN # 2-10229		**Facility/site** mailing address:		
Location of **facility/site**: longitude: 77 55' 17" West latitude: 42 33' 10" North	Facility SIC code(s): Not Applicable	Street: 100 Simplex Drive		
b) Name of **facility/site owner:**		Town: Westminster		
Email address of facility/site owner: johnperkins@tycoint.com		State: Massachusetts	Zip: 01473	County: Worcester
Telephone no. of facility/site **owner**: 561-226-3481				
Fax no. of facility/site **owner**: Not Applicable		**Owner** is (check one): 1. Federal ○ 2. State/Tribal ○ 3. Private ◉ 4. Other ○ if so, describe:		
Address of **owner** (if different from site):				
Street: 6600 Congress Avenue				
Town: Boca Raton	State: FL	Zip: 33487	County: Palm Beach	
c) Legal name of **operator**:	**Operator** telephone no: 860-620-1791			
AES Remedial Contracting	**Operator** fax no.: 860-620-1792	**Operator** email: aesremedial@comcast.net		
Operator contact name and title: Robert Flatley Project Manager				
Address of **operator** (if different from owner):	Street: 132 Town Line Road			
Town: Southington	State: CT	Zip: 06489	County: Hartford	

d) Check Y for "yes" or N for "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Y ○ N ◉, if Y, number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge?
Y ○ N ◉, if Y, date and tracking #:
3. Is the discharge a "new discharge" as defined by 40 CFR 122.2? Y ◉ N ○
4. For sites in Massachusetts, is the discharge covered under the Massachusetts Contingency Plan (MCP) and exempt from state permitting? Y ◉ N ○

e) Is site/facility subject to any State permitting, license, or other action which is causing the generation of discharge? Y ◉ N ○
If Y, please list:
1. site identification # assigned by the state of NH or MA: RTN# 2-10229
2. permit or license # assigned: Not Applicable
3. state agency contact information: name, location, and telephone number:

Massachusetts Department of Environmental Protection (MADEP)
627 Main Street, Worcester, MA 01608, Telephone 508-792-7650

f) Is the site/facility covered by any other EPA permit, including:
1. Multi-Sector General Permit? Y ○ N ◉,
if Y, number:
2. Final Dewatering General Permit? Y ○ N ◉,
if Y, number:
3. EPA Construction General Permit? Y ○ N ◉,
if Y, number:
4. Individual NPDES permit? Y ○ N ◉,
if Y, number:
5. any other water quality related individual or general permit? Y ○
N ◉, if Y, number:

g) Is the site/facility located within or does it discharge to an Area of Critical Environmental Concern (ACEC)? Y ○ N ◉

h) Based on the facility/site information and any historical sampling data, identify the sub-category into which the potential discharge falls.

Activity Category	**Activity Sub-Category**
I - Petroleum Related Site Remediation	A. Gasoline Only Sites ☐ B. Fuel Oils and Other Oil Sites (including Residential Non-Business Remediation Discharges) ☐ C. Petroleum Sites with Additional Contamination ☐
II - Non Petroleum Site Remediation	A. Volatile Organic Compound (VOC) Only Sites ☐ B. VOC Sites with Additional Contamination ☒ C. Primarily Heavy Metal Sites ☐
III - Contaminated Construction Dewatering	A. General Urban Fill Sites ☐ B. Known Contaminated Sites ☐

IV - Miscellaneous Related Discharges	A. Aquifer Pump Testing to Evaluate Formerly Contaminated Sites ☐ B. Well Development/Rehabilitation at Contaminated/Formerly Contaminated Sites ☐ C. Hydrostatic Testing of Pipelines and Tanks ☐ D. Long-Term Remediation of Contaminated Sumps and Dikes ☐ E. Short-term Contaminated Dredging Drain Back Waters (if not covered by 401/404 permit) ☐

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as necessary) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:

See attached sheet.

b) Provide the following information about each discharge:

1) Number of discharge points: 1

2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)?
Max. flow 0.0557 Is maximum flow a **design value**? Y ⊙ N ○
Average flow (include units) 0.0557 cfs Is average flow a design value or estimate? design flow

3) Latitude and longitude of each discharge within 100 feet:

pt.1: lat	42.556811	long	-71.915023	pt.2: lat.		long.	;
pt.3: lat		long		pt.4: lat.		long.	;
pt.5: lat		long		pt.6: lat.		long.	;
pt.7: lat		long		pt.8: lat.		long.	; etc.

4) If hydrostatic testing, total volume of the discharge (gals): NA

5) Is the discharge intermittent ⊙ or seasonal ○ ?
Is discharge ongoing? Y ○ N ⊙

c) Expected dates of discharge (mm/dd/yy): start Oct 5, 2012 end Nov 30, 2012

d) Please attach a line drawing or flow schematic showing water flow through the facility including:
1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s). See attached figures

2. Discharge information

a.) Describe the discharge activities for which the owner/applicant is seeking coverage:

Discharge of treated liquid from dewatering of an excavation to install a new groundwater interceptor drain pipe and collection sump and replace a leaking storm drain line. This construction activity is being completed as part of an approved Phase IV Remedy under the Massachusetts Contingency Plan (MCP, 310 CMR 40.00). On-site groundwater (contaminated with TCE) will be pumped from a constructed dewatering sump to a 21,000 gallon frac tank (head/equalization tank). A centrifugal transfer pump will remove the liquid from the frac tank and pump it through two in line bag filter housings. The first bag filter housing will contain a coarse filter bag (starting with a 25 micron bag) followed by the second bag filter housing which will contain a finer filter bag (starting with a 5 micron bag). From the bag filter housings the liquid will be pumped through two in series 500 pound liquid phase carbon units. The discharge from the carbon units will flow through a totalizer and discharge into an existing storm drain manhole (designated CB-1 on figure 1-2 which is included which this application packet). This storm drain discharges to two on-site man made fire ponds (refer to figure 1-2).

3. Contaminant information.

a) Based on the sub-category selected (see Appendix III), indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids (TSS)		☐	☒	1	grab	SM20 2540D	3.0 mg/l	3600		3600	
2. Total Residual Chlorine (TRC)		☒	☐								
3. Total Petroleum Hydrocarbons (TPH)		☒	☐								
4. Cyanide (CN)	57125	☒	☐								
5. Benzene (B)	71432	☒	☐								
6. Toluene (T)	108883	☒	☐								
7. Ethylbenzene (E)	100414	☐	☒	1	grab	8260B	0.1 ug/l	0.1		0.1	
8. (m,p,o) Xylenes (X)	108883; 106423; 95476; 1330207	☐	☒	1	grab	8260B	0.1 ug/l	0.6		0.6	
9. Total BTEX [2]	n/a	☐	☒					0.7		0.7	
10. Ethylene Dibromide (EDB) (1,2-Dibromoethane) [3]	106934	☒	☐								
11. Methyl-tert-Butyl Ether (MtBE)	1634044	☐	☒	1	grab	8260B	0.1 ug/l	0.2		0.2	
12. tert-Butyl Alcohol (TBA) (Tertiary-Butanol)	75650	☒	☐								

* Numbering system is provided to allow cross-referencing to Effluent Limits and Monitoring Requirements by Sub-Category included in Appendix III, as well as the Test Methods and Minimum Levels associated with each parameter provided in Appendix VI.

[2] BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

[3] EDB is a groundwater contaminant at fuel spill and pesticide application sites in New England.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
13. tert-Amyl Methyl Ether (TAME)	9940508	☒	☐								
14. Naphthalene	91203	☐	☒	1	grab	8260B	0.1 ug/l	0.1		0.1	
15. Carbon Tetrachloride	56235	☒	☐								
16. 1,2 Dichlorobenzene (o-DCB)	95501	☒	☐								
17. 1,3 Dichlorobenzene (m-DCB)	541731	☒	☐								
18. 1,4 Dichlorobenzene (p-DCB)	106467	☒	☐								
18a. Total dichlorobenzene		☒	☐								
19. 1,1 Dichloroethane (DCA)	75343	☐	☒	1	grab	8260B	0.1 ug/l	0.2		0.2	
20. 1,2 Dichloroethane (DCA)	107062	☒	☐								
21. 1,1 Dichloroethene (DCE)	75354	☐	☒	1	grab	8260B	0.1 ug/l	0.1		0.1	
22. cis-1,2 Dichloroethene (DCE)	156592	☐	☒	1	grab	8260B	0.1 ug/l	1.5		1.5	
23. Methylene Chloride	75092	☒	☐								
24. Tetrachloroethene (PCE)	127184	☐	☒	1	grab	8260B	0.1 ug/l	0.1		0.1	
25. 1,1,1 Trichloro-ethane (TCA)	71556	☒	☐								
26. 1,1,2 Trichloro-ethane (TCA)	79005	☒	☐								
27. Trichloroethene (TCE)	79016	☐	☒	4	grab	8260B	0.1 ug/l	35		35	

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
28. Vinyl Chloride (Chloroethene)	75014	☒	☐								
29. Acetone	67641	☒	☐								
30. 1,4 Dioxane	123911	☐	☒	1	grab	8270C	0.048 ug/l	0.15		0.15	
31. Total Phenols	108952	☒	☐								
32. Pentachlorophenol (PCP)	87865	☒	☐								
33. Total Phthalates (Phthalate esters) [4]		☐	☒	4	grab	8270C	0.048 ug/l	0.295		0.295	
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	117817	☐	☒	1	grab	8270C	0.048 ug/l	0.16		0.16	
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		☒	☐								
a. Benzo(a) Anthracene	56553	☒	☐								
b. Benzo(a) Pyrene	50328	☒	☐								
c. Benzo(b)Fluoranthene	205992	☒	☐								
d. Benzo(k)Fluoranthene	207089	☒	☐								
e. Chrysene	21801	☒	☐								
f. Dibenzo(a,h)anthracene	53703	☒	☐								
g. Indeno(1,2,3-cd) Pyrene	193395	☒	☐								
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		☒	☐								

[4] The sum of individual phthalate compounds.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
h. Acenaphthene	83329	☒	☐								
i. Acenaphthylene	208968	☒	☐								
j. Anthracene	120127	☒	☐								
k. Benzo(ghi) Perylene	191242	☒	☐								
l. Fluoranthene	206440	☒	☐								
m. Fluorene	86737	☒	☐								
n. Naphthalene	91203	☒	☐								
o. Phenanthrene	85018	☒	☐								
p. Pyrene	129000	☒	☐								
37. Total Polychlorinated Biphenyls (PCBs)	85687; 84742; 117840; 84662; 131113; 117817.	☒	☐								
38. Chloride	16887006	☐	☒	1	grab	EPA 300.0	20.0 mg/l	291000		291000	
39. Antimony	7440360	☒	☐								
40. Arsenic	7440382	☒	☐								
41. Cadmium	7440439	☒	☐								
42. Chromium III (trivalent)	16065831	☒	☐								
43. Chromium VI (hexavalent)	18540299	☒	☐								
44. Copper	7440508	☒	☐								
45. Lead	7439921	☒	☐								
46. Mercury	7439976	☒	☐								
47. Nickel	7440020	☒	☐								
48. Selenium	7782492	☒	☐								
49. Silver	7440224	☒	☐								
50. Zinc	7440666	☒	☐								
51. Iron	7439896	☐	☒	9	grab	SW846 6010C	0.0141 mg/l	49.8		7934.6	
Other (describe):		☐	☐								

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
		☐	☐								
		☐	☐								

b) For discharges where **metals** are believed present, please fill out the following (attach results of any calculations):

Step 1: Do any of the metals in the influent exceed the effluent limits in Appendix III (i.e., the limits set at zero dilution)? Y ◉ N ○	If yes, which metals? Iron
Step 2: For any metals which exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metal: No 7Q10 information DF: Metal: DF: Metal: DF: Metal: DF: Etc.	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ○ N ○ If Y, list which metals: Unable to calculate DF, no information for 7Q10 calculation. Suspect Iron concentration in influent to treatment system exceed limits.

4. Treatment system information. Please describe the treatment system using separate sheets as necessary, including:

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:

See associated additional information sheets.

b) Identify each applicable treatment unit (check all that apply):	Frac. tank ☒	Air stripper ☐	Oil/water separator ☐	Equalization tanks ☐	Bag filter ☒	GAC filter ☒
	Chlorination ☐	De-chlorination ☐	Other (please describe):	(if required) air entrainment system to be installed in frac tank to oxidize iron allow iron suspended particulate to be removed in bag filters.		

c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate**(s) (gallons per minute) of the treatment system:
Average flow rate of discharge 25 gpm Maximum flow rate of treatment system 25 gpm
Design flow rate of treatment system 25 gpm

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):

None

5. Receiving surface water(s). Please provide information about the receiving water(s), using separate sheets as necessary:

a) Identify the discharge pathway:	Direct to receiving water ☐	Within facility (sewer) ☐	Storm drain ☒	Wetlands ☐	Other (describe):

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:
Pumped from frac tank through treatment system and discharged to catch basin CB-1 which directs water ~ 200-300 feet to fire ponds.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:
1. For multiple discharges, number the discharges sequentially.
2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water
The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

d) Provide the state water quality classification of the receiving water Not classified

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water No information/data. cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Y ○ N ◉ If yes, for which pollutant(s)?

Is there a final TMDL? Y ○ N ◉ If yes, for which pollutant(s)?

6. ESA and NHPA Eligibility.

Please provide the following information according to requirements of Permit Parts I.A.4 and I.A.5 Appendices II and VII.

a) Using the instructions in Appendix VII and information on Appendix II, under which criterion listed in Part I.C are you eligible for coverage under this general permit?

A ◉ B ○ C ○ D ○ E ○ F ○

b) If you selected Criterion D or F, has consultation with the federal services been completed? Y ○ N ○ Underway ○

c) If consultation with U.S. Fish and Wildlife Service and/or NOAA Fisheries Service was completed, was a written concurrence finding that the discharge is "not likely to adversely affect" listed species or critical habitat received? Y ○ N ○

d) Attach documentation of ESA eligibility as described in the NOI instructions and required by Appendix VII, Part I.C, Step 4.

e) Using the instructions in Appendix VII, under which criterion listed in Part II.C are you eligible for coverage under this general permit?

1 ◉ 2 ○ 3 ○

f) If Criterion 3 was selected, attach all written correspondence with the State or Tribal historic preservation officers, including any terms and conditions that outline measures the applicant must follow to mitigate or prevent adverse effects due to activities regulated by the RGP.

7. Supplemental information.

Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

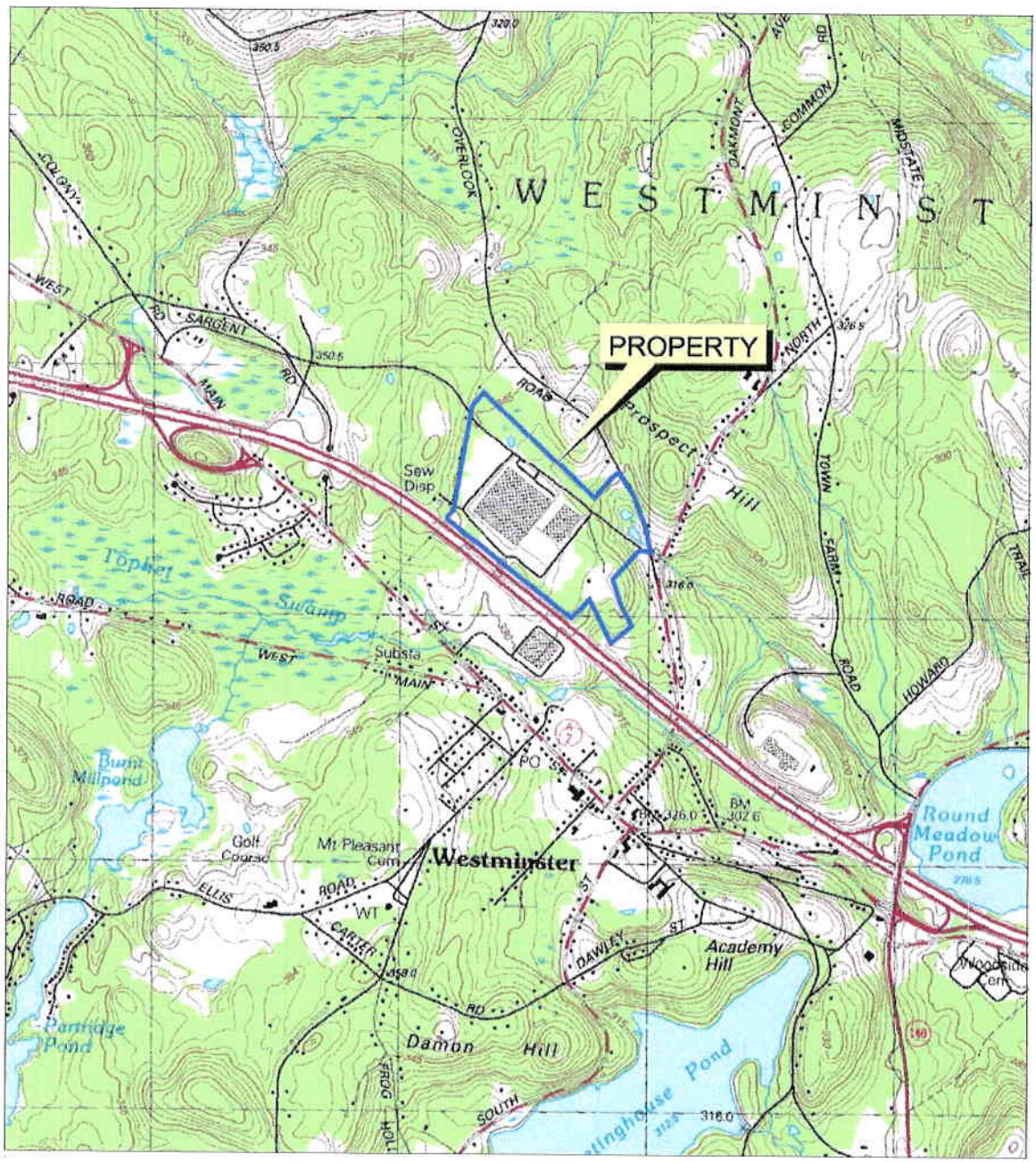
See attached information.

8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

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

Facility/Site Name:	Simplex/Digital Site RTN# 2-10229
Operator signature:	Robert J. Flatley
Printed Name &Title:	Robert Flatley Project Manager
Date:	27 September 2012

CAD\LOCMAP.dwg



N

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000

FEET

CONTOUR INTERVAL 3 METERS

MAP LOCATION

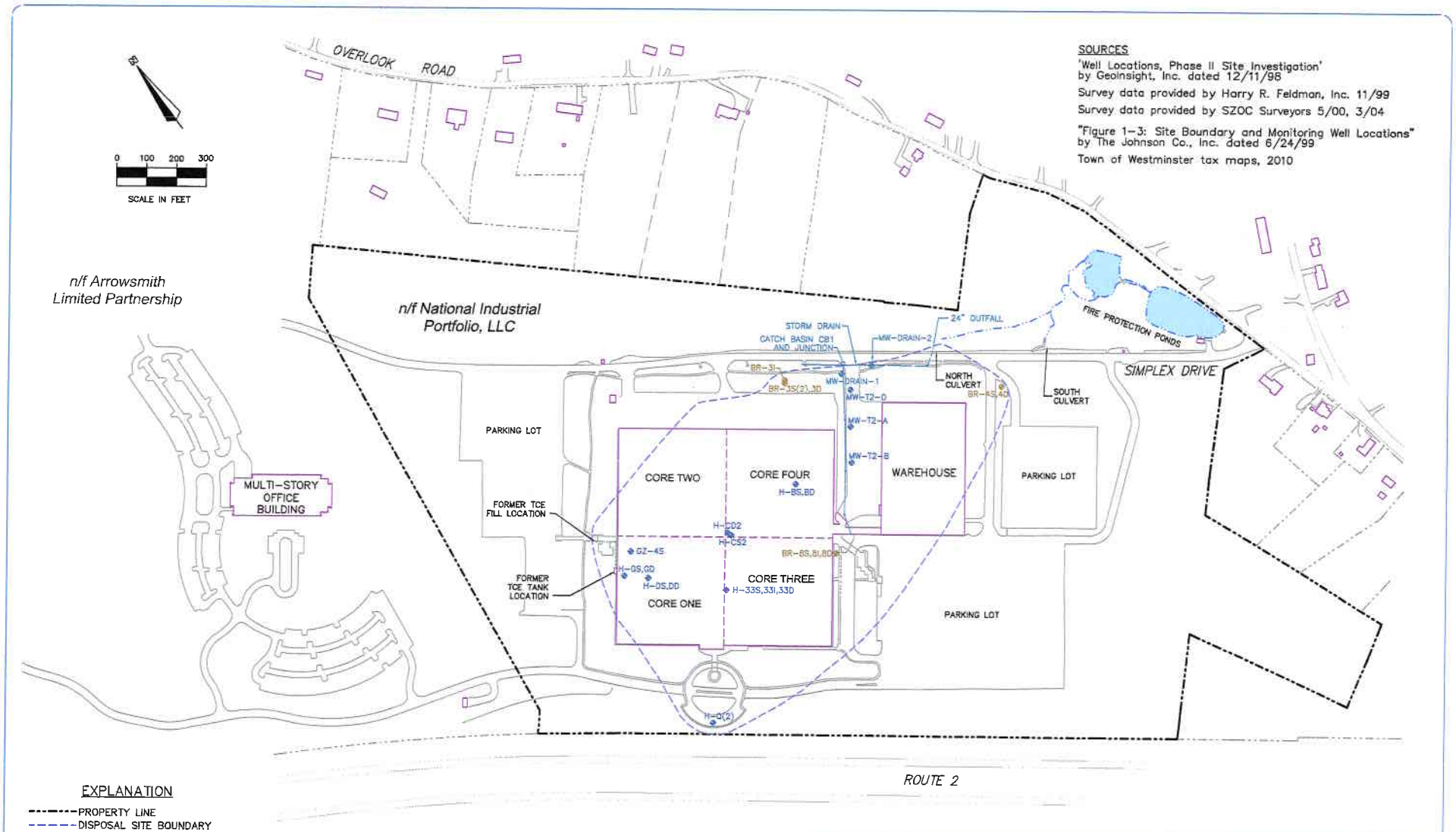
BASE MAP: USGS 7.5x15 Minute Topographic Quadrangle FITCHBURG, MASSACHUSETTS 1988

FIGURE 1-1: LOCATION MAP
SIMPLEX / DIGITAL SITE
WESTMINSTER, MASSACHUSETTS

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 06/16/11
Chk'd by: DPB	Date: 06/16/11
Scale: As Shown	Project: 1-1380-2



SITE300.DWG

FIGURE 1-2: PROPERTY BOUNDARY AND EXISTING SITE PLAN SIMPLEX / DIGITAL SITE WESTMINSTER, MASSACHUSETTS

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602
(802) 229-4600

Drawn by: TJK Date: 07/26/12
Chk'd by: PCS Date: 07/26/12
Scale: As Shown Project: 1-1380-2

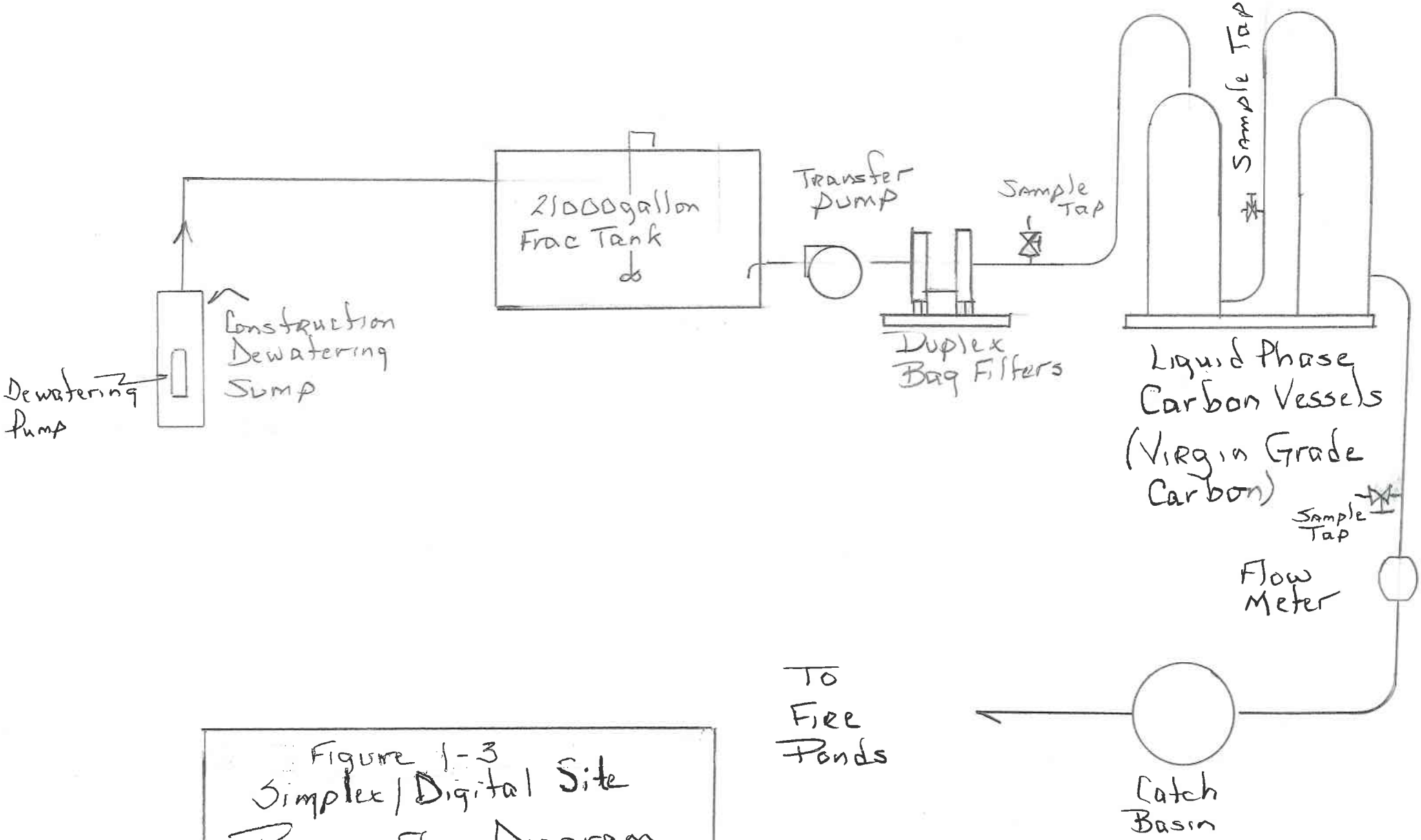


Figure 1-3
Simplex / Digital Site
Process Flow Diagram
Not To Scale

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

August 11, 2011

Project: Simplex/Tyco-1-1380-2

Submittal Date: 07/29/2011
Group Number: 1258963
PO Number: 1-1380-2
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
MW-Drain-2 Grab Water	6359785
24" Outfall Grab Water	6359786
Catch Basin Grab Water	6359787
Trip Blank Water	6359788

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Nicole L Maljovec at (717) 656-2300 Ext. 1537

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Lancaster Laboratories
Project: Simplex/Tyco-1-1380-2
This form provides certifications for the following data set: 6359785-6359788

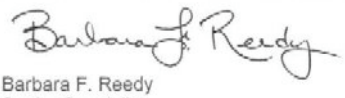
Sample Matrices: Water

Methods Used:
SW-846 8260B 25mL purge

Affirmative responses to questions A through F are required for "Presumptive Certainty" status		Yes or No[1]
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes
E	**VPH, EPH, APH, and TO-15 only:** a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only. Was the complete analyte list reported for each method?	NA NA
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes
Responses to Questions G, H and I below are required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes
Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.		
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	No
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes

[1] Refer to the Case Narrative for information regarding negative responses.

I, the undersigned, attest under the pains and penalties of perjury that the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.



Barbara F. Reedy
Senior Specialist

Lancaster Laboratories

Analysis Report

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Analysis Report

Sample Description: MW-Drain-2 Grab Water
Simplex/Tyco
COC: 268555 MW-Drain-2

LLI Sample # WW 6359785
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/28/2011 11:00 by AR

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRN-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-Drain-2 Grab Water
Simplex/Tyco
COC: 268555 MW-Drain-2

LLI Sample # WW 6359785
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/28/2011 11:00 by AR

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRN-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: 1,4-Dioxane.

The percent recovery for Dichlorodifluoromethane is outside of the 70 - 130% QC windows in the LCS and/or LCSD associated with this sample. Dichlorodifluoromethane is considered a difficult analyte and the percent recovery is within the allowed 40 - 160% window.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	G112132AA	08/01/2011 12:05	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	G112132AA	08/01/2011 12:05	Jason M Long	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: 24" Outfall Grab Water
Simplex/Tyco
COC: 268555 24" Outfall

LLI Sample # WW 6359786
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/28/2011 11:35 by AR

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

24OUT

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.2	J	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Grab Water
Simplex/Tyco
COC: 268555 24" Outfall

LLI Sample # WW 6359786
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/28/2011 11:35 by AR

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

24OUT

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	1.8	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: 1,4-Dioxane.

The percent recovery for Dichlorodifluoromethane is outside of the 70 - 130% QC windows in the LCS and/or LCSD associated with this sample. Dichlorodifluoromethane is considered a difficult analyte and the percent recovery is within the allowed 40 - 160% window.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	G112132AA	08/01/2011 12:27	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	G112132AA	08/01/2011 12:27	Jason M Long	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: Catch Basin Grab Water
Simplex/Tyco
COC: 268555 Catch Basin

LLI Sample # WW 6359787
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/28/2011 12:00 by AR

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.7	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: Catch Basin Grab Water
Simplex/Tyco
COC: 268555 Catch Basin

LLI Sample # WW 6359787
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/28/2011 12:00 by AR

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	5.9	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: 1,4-Dioxane.

The percent recovery for Dichlorodifluoromethane is outside of the 70 - 130% QC windows in the LCS and/or LCSD associated with this sample. Dichlorodifluoromethane is considered a difficult analyte and the percent recovery is within the allowed 40 - 160% window.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	G112132AA	08/01/2011 12:48	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	G112132AA	08/01/2011 12:48	Jason M Long	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: Trip Blank Water
Simplex/Tyco
COC: 268555

LLI Sample # WW 6359788
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/20/2011

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TYCOT

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: Trip Blank Water
Simplex/Tyco
COC: 268555

LLI Sample # WW 6359788
LLI Group # 1258963
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 07/20/2011

Submitted: 07/29/2011 09:10
Reported: 08/11/2011 16:49

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TYCOT

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1
02898	Methylene Chloride	75-09-2	0.4	J	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	N.D.		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

The project QA/QC requirements were not met.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: 1,4-Dioxane.

The percent recovery for Dichlorodifluoromethane is outside of the 70 - 130% QC windows in the LCS and/or LCSD associated with this sample. Dichlorodifluoromethane is considered a difficult analyte and the percent recovery is within the allowed 40 - 160% window.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	G112132AA	08/01/2011 11:42	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	G112132AA	08/01/2011 11:42	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1258963
Reported: 08/11/11 at 04:49 PM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: G112132AA	Sample number(s): 6359785-6359788								
Acetone	N.D.	3.0	5.0	ug/l	107	105	70-130	2	30
t-Amyl methyl ether	N.D.	0.1	0.5	ug/l	104	104	70-130	0	30
Benzene	N.D.	0.1	0.5	ug/l	104	104	70-130	1	30
Bromobenzene	N.D.	0.1	0.5	ug/l	102	103	70-130	1	30
Bromochloromethane	N.D.	0.1	0.5	ug/l	115	117	70-130	2	30
Bromodichloromethane	N.D.	0.1	0.5	ug/l	105	104	70-130	1	30
Bromoform	N.D.	0.1	0.5	ug/l	109	103	70-130	5	30
Bromomethane	N.D.	0.1	0.5	ug/l	82	83	70-130	1	30
2-Butanone	N.D.	1.0	5.0	ug/l	101	103	70-130	2	30
n-Butylbenzene	N.D.	0.1	0.5	ug/l	96	97	70-130	1	30
sec-Butylbenzene	N.D.	0.1	0.5	ug/l	95	96	70-130	2	30
tert-Butylbenzene	N.D.	0.1	0.5	ug/l	94	93	70-130	1	30
Carbon Disulfide	N.D.	0.4	0.5	ug/l	105	107	70-130	2	30
Carbon Tetrachloride	N.D.	0.1	0.5	ug/l	104	104	70-130	1	30
Chlorobenzene	N.D.	0.1	0.5	ug/l	100	102	70-130	1	30
Chloroethane	N.D.	0.1	0.5	ug/l	79	79	70-130	0	30
Chloroform	N.D.	0.1	0.5	ug/l	106	105	70-130	1	30
Chloromethane	N.D.	0.2	0.5	ug/l	70	73	70-130	4	30
2-Chlorotoluene	N.D.	0.1	0.5	ug/l	98	99	70-130	1	30
4-Chlorotoluene	N.D.	0.1	0.5	ug/l	97	100	70-130	3	30
1,2-Dibromo-3-chloropropane	N.D.	0.2	0.5	ug/l	98	101	70-130	3	30
Dibromochloromethane	N.D.	0.1	0.5	ug/l	110	104	70-130	5	30
1,2-Dibromoethane	N.D.	0.1	0.5	ug/l	107	111	70-130	3	30
Dibromomethane	N.D.	0.1	0.5	ug/l	111	115	70-130	4	30
1,2-Dichlorobenzene	N.D.	0.1	0.5	ug/l	104	103	70-130	1	30
1,3-Dichlorobenzene	N.D.	0.1	0.5	ug/l	100	100	70-130	0	30
1,4-Dichlorobenzene	N.D.	0.1	0.5	ug/l	99	100	70-130	0	30
Dichlorodifluoromethane	N.D.	0.1	0.5	ug/l	47*	49*	70-130	4	30
1,1-Dichloroethane	N.D.	0.1	0.5	ug/l	107	109	70-130	2	30
1,2-Dichloroethane	N.D.	0.1	0.5	ug/l	112	111	70-130	1	30
1,1-Dichloroethene	N.D.	0.1	0.5	ug/l	105	105	70-130	0	30
cis-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	105	103	70-130	1	30
trans-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	106	105	70-130	0	30
1,2-Dichloropropane	N.D.	0.1	0.5	ug/l	105	105	70-130	0	30
1,3-Dichloropropane	N.D.	0.1	0.5	ug/l	104	105	70-130	1	30
2,2-Dichloropropane	N.D.	0.1	0.5	ug/l	102	104	70-130	1	30
1,1-Dichloropropene	N.D.	0.1	0.5	ug/l	103	104	70-130	1	30
cis-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	102	102	70-130	1	30
trans-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	100	101	70-130	1	30
1,4-Dioxane	N.D.	20.	100	ug/l	79	87	70-130	10	30
Ethyl ether	N.D.	0.1	0.5	ug/l	104	103	70-130	1	30
Ethyl t-butyl ether	N.D.	0.1	0.5	ug/l	101	102	70-130	1	30
Ethylbenzene	N.D.	0.1	0.5	ug/l	97	99	70-130	1	30
Hexachlorobutadiene	N.D.	0.1	0.5	ug/l	99	97	70-130	2	30
2-Hexanone	N.D.	1.0	5.0	ug/l	111	114	70-130	3	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1258963
Reported: 08/11/11 at 04:49 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
di-Isopropyl Ether	N.D.	0.1	0.5	ug/l	106	105	70-130	1	30
Isopropylbenzene	N.D.	0.1	0.5	ug/l	101	103	70-130	2	30
p-Isopropyltoluene	N.D.	0.1	0.5	ug/l	95	97	70-130	2	30
Methyl Tertiary Butyl Ether	N.D.	0.1	0.5	ug/l	107	107	70-130	0	30
4-Methyl-2-Pentanone	N.D.	1.0	5.0	ug/l	120	119	70-130	1	30
Methylene Chloride	N.D.	0.2	0.5	ug/l	99	98	70-130	1	30
Naphthalene	N.D.	0.1	0.5	ug/l	110	110	70-130	0	30
n-Propylbenzene	N.D.	0.1	0.5	ug/l	92	94	70-130	1	30
Styrene	N.D.	0.1	0.5	ug/l	99	98	70-130	1	30
1,1,1,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	106	107	70-130	0	30
1,1,2,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	105	107	70-130	2	30
Tetrachloroethene	N.D.	0.1	0.5	ug/l	99	101	70-130	1	30
Tetrahydrofuran	N.D.	2.0	5.0	ug/l	88	90	70-130	1	30
Toluene	N.D.	0.1	0.5	ug/l	97	99	70-130	2	30
1,2,3-Trichlorobenzene	N.D.	0.1	0.5	ug/l	113	113	70-130	0	30
1,2,4-Trichlorobenzene	N.D.	0.1	0.5	ug/l	103	104	70-130	1	30
1,1,1-Trichloroethane	N.D.	0.1	0.5	ug/l	104	105	70-130	0	30
1,1,2-Trichloroethane	N.D.	0.1	0.5	ug/l	102	102	70-130	0	30
Trichloroethene	N.D.	0.1	0.5	ug/l	100	100	70-130	0	30
Trichlorofluoromethane	N.D.	0.1	0.5	ug/l	84	85	70-130	1	30
1,2,3-Trichloropropane	N.D.	0.3	1.0	ug/l	107	107	70-130	0	30
1,2,4-Trimethylbenzene	N.D.	0.1	0.5	ug/l	94	94	70-130	0	30
1,3,5-Trimethylbenzene	N.D.	0.1	0.5	ug/l	94	94	70-130	0	30
Vinyl Chloride	N.D.	0.1	0.5	ug/l	73	78	70-130	7	30
m+p-Xylene	N.D.	0.1	0.5	ug/l	101	103	70-130	1	30
o-Xylene	N.D.	0.1	0.5	ug/l	101	102	70-130	1	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: MA MCP Volatiles by 8260
Batch number: G112132AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6359785	105	104	94	94
6359786	105	105	94	94
6359787	107	106	93	94
6359788	106	106	97	96
Blank	105	106	97	97
LCS	106	104	96	97
LCSD	107	106	97	96
Limits:	77-114	74-113	77-110	78-110

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Case Narrative

Project Name: Simplex/Tyco-1-1380-2
LLI Group #: 1258963

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260B 25mL purge, GC/MS Volatiles

Batch #: G112132AA (Sample number(s): 6359785-6359788)

The recovery(ies) for the following analyte(s) in the LCS and/or LCSD were below the acceptance window: Dichlorodifluoromethane

Sample #s: 6359785, 6359786, 6359787, 6359788

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: 1,4-Dioxane.

The percent recovery for Dichlorodifluoromethane is outside of the 70 - 130% QC windows in the LCS and/or LCSD associated with this sample. Dichlorodifluoromethane is considered a difficult analyte and the percent recovery is within the allowed 40 - 160% window.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1258763 Sample # 6359785-88

COC #

Please print. Instructions on reverse side correspond with circled numbers.

1
Client: The Johnson Company Acct. #: 06586
Project Name/#: Simplexgrinn - 1-0330-2 PWSID #:
Project Manager: Glen Kirkpatrick P.O.#:
Sampler: Adam Roddy (ARG) Quote #:
Name of state where samples were collected: MA

For Lab Use Only
FSC:
SCR#: 108568

5 Analyses Requested — Preservation Codes: H

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

6 Temperature of samples upon receipt (if requested)

2 Sample Identification	Date Collected	Time Collected	**3** Grab	Composite	Soil	Water	Other	**4** Total # of Containers	8260 VOCs MA MCP List								Remarks
MW-Drain-2	7/19/11	1100	X			X		3	X								
24" Outfall	↓	1135	X			X		3	X								
Catch Basin	↓	1200	X			X		3	X								
Trip Blank	7/20/11	—	—	—		X			X								2x40 ml VOA

Matrix: ☐ Potable ☐ NPDES Check if Applicable

7 **Turnaround Time Requested** (TAT) (please circle): Normal (circled) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail (circled)
Phone #: 802-229-4600 Fax #:
E-mail address: GAK@jcomail.com

8 **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP (circled) CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes (circled) No
Site-specific QC (MS/MSD/Dup)? Yes No (circled)
(If yes indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

9

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7-20-11	1220	[signature]	7/20/11	1530
[signature]	7/20/11	1700			
			[signature]	7/21/11	910

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Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Issued by Dept. 6042 Management 2102.05

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnsen Co.

Date of Receipt: 1/28/11

Time of Receipt: 910

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9463	2.1°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [signature] 2316 **Date/Time:** 1/28/11 1110

Issued by Dept. 6042 Management

2174.06

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

October 12, 2011

Project: Simplex/Tyco-1-1380-2

Submittal Date: 09/22/2011
Group Number: 1267872
PO Number: 1-1380-2
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
Catch Basin Grab Water	6416096
24" Outfall Grab Water	6416097
BR-4S Grab Water	6416098
BR-4D Grab Water	6416099
TB091511 Water	6416100
BR-8S Grab Water	6416101
MW-Drain-1 Grab Water	6416102
MW-Drain-2 Grab Water	6416103
EB091811 Grab Water	6416104
BR-3S(2) Grab Water	6416105
BR-3I Grab Water	6416106
BR-3I Matrix Spike Grab Water	6416107
BR-3I Matrix Spike Dup Grab Water	6416108
BR-3D Grab Water	6416109
BR-8I Grab Water	6416110
BR-8D Grab Water	6416111
GW-DP03 Grab Water	6416112

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

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Questions? Contact your Client Services Representative
Nicole L Maljovec at (717) 656-2300 Ext. 1537

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

Lancaster Laboratories

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Analysis Report

MADEP MCP Analytical Method Report Certification Form

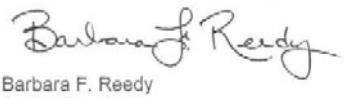
Laboratory Name: Lancaster Laboratories
Project: Simplex/Tyco-1-1380-2
This form provides certifications for the following data set: 6416096-6416112

Sample Matrices: Water

Methods Used:
SW-846 8260B 25mL purge

Affirmative responses to questions A through F are required for "Presumptive Certainty" status		Yes or No[1]
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	Yes
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes
E	**VPH, EPH, APH, and TO-15 only:** a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only. Was the complete analyte list reported for each method?	NA NA
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes
Responses to Questions G, H and I below are required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes
Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.		
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	No
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes
[1] Refer to the Case Narrative for information regarding negative responses.		

I, the undersigned, attest under the pains and penalties of perjury that the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.



Barbara F. Reedy
Senior Specialist

Lancaster Laboratories

Analysis Report

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Analysis Report

Sample Description: Catch Basin Grab Water
COC: 270500 Catch Basin

LLI Sample # WW 6416096
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 14:00 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STCBA

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	1.5		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	0.1	J	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: Catch Basin Grab Water
COC: 270500 Catch Basin

LLI Sample # WW 6416096
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 14:00 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STCBA

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	0.1	J	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	N.D.		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	16		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	0.4	J	0.1	0.5	1
02898	o-Xylene	95-47-6	0.2	J	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 05:31	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 05:31	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Grab Water
COC: 270500 24" Outfall

LLI Sample # WW 6416097
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 14:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

ST24O

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.1	J	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Grab Water
COC: 270500 24" Outfall

LLI Sample # WW 6416097
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 14:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

ST24O

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	0.1	J	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	1		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 05:53	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 05:53	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-4S Grab Water
COC: 270500 BR-4S

LLI Sample # WW 6416098
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/15/2011 13:12 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB4S

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.2	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-4S Grab Water
COC: 270500 BR-4S

LLI Sample # WW 6416098
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/15/2011 13:12 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB4S

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	0.1	J	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	N.D.		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 06:15	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 06:15	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-4D Grab Water
COC: 270500 BR-4D

LLI Sample # WW 6416099
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/15/2011 17:32 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB4D

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.1	J	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.2	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-4D Grab Water
COC: 270500 BR-4D

LLI Sample # WW 6416099
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/15/2011 17:32 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB4D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 06:37	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 06:37	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: TB091511 Water
COC: 270500

LLI Sample # WW 6416100
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/15/2011

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STTB-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: TB091511 Water
COC: 270500

LLI Sample # WW 6416100
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/15/2011

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STTB-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	0.3 J	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AB	09/27/2011 17:18	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AB	09/27/2011 17:18	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-8S Grab Water
COC: 270500 BR-8S

LLI Sample # WW 6416101
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 12:15 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8S

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	0.1	J	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	0.2	J	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	15		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	0.6		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

Sample Description: BR-8S Grab Water
COC: 270500 BR-8S

LLI Sample # WW 6416101
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 12:15 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8S

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	0.1	J	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	N.D.		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	35		1.0	5.0	10
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

The diluted analysis (DF10) was analyzed 2 days outside of the method specified 14 day holding time. The initial (DF1) analysis was performed within holding time. The result reported for Trichloroethene is from the diluted analysis. The results for Trichloroethene from both analyses are listed below.

compound	concentrations (ug/l) DF1	DF10
Trichloroethene	43 E	35

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 06:59	Angela D Sneeringer	1
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AC	10/05/2011 10:29	Jason M Long	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 06:59	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-8S Grab Water
COC: 270500 BR-8S

LLI Sample # WW 6416101
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 12:15 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C112671AC	10/05/2011 10:29	Jason M Long	10

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-Drain-1 Grab Water
COC: 270500 MW-Drain-1

LLI Sample # WW 6416102
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 16:05 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STDR1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	0.2	J	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-Drain-1 Grab Water
COC: 270500 MW-Drain-1

LLI Sample # WW 6416102
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 16:05 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STDR1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 07:21	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 07:21	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-Drain-2 Grab Water
COC: 270500 MW-Drain-2

LLI Sample # WW 6416103
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 17:25 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STDR2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-Drain-2 Grab Water
COC: 270500 MW-Drain-2

LLI Sample # WW 6416103
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 17:25 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STDR2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	0.1	J	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	N.D.		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 07:43	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 07:43	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: EB091811 Grab Water
COC: 270500 EB091811

LLI Sample # WW 6416104
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 13:15 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STEB-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	3.2 J	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: EB091811 Grab Water
COC: 270500 EB091811

LLI Sample # WW 6416104
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/18/2011 13:15 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STEB-

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	0.3	J	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 04:03	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 04:03	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-3S(2) Grab Water
COC: 270500 BR-3S(2)

LLI Sample # WW 6416105
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 10:45 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3S

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.5	J	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-3S(2) Grab Water
COC: 270500 BR-3S(2)

LLI Sample # WW 6416105
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 10:45 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 08:04	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 08:04	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-3I Grab Water
COC: 269624 BR-3I

LLI Sample # WW 6416106
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 17:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3I

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	0.1	J	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	0.1	J	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	18		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	0.8		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-3I Grab Water
COC: 269624 BR-3I

LLI Sample # WW 6416106
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 17:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	22	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 04:25	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 04:25	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-3I Matrix Spike Grab Water
COC: 269624 BR-3I

LLI Sample # WW 6416107
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 17:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	35	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	5.8	0.1	0.5	1
02898	Benzene	71-43-2	5.8	0.1	0.5	1
02898	Bromobenzene	108-86-1	5.4	0.1	0.5	1
02898	Bromochloromethane	74-97-5	5.8	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	5.7	0.1	0.5	1
02898	Bromoform	75-25-2	5.4	0.1	0.5	1
02898	Bromomethane	74-83-9	4.8	0.1	0.5	1
02898	2-Butanone	78-93-3	38	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	5.8	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	5.9	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	6.4	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	6.1	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	6.4	0.1	0.5	1
02898	Chlorobenzene	108-90-7	5.5	0.1	0.5	1
02898	Chloroethane	75-00-3	5.0	0.1	0.5	1
02898	Chloroform	67-66-3	5.8	0.1	0.5	1
02898	Chloromethane	74-87-3	4.7	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	5.6	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	5.6	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	4.7	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	5.4	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	5.7	0.1	0.5	1
02898	Dibromomethane	74-95-3	5.6	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	5.3	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	5.3	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	5.3	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	4.2	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	6.0	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	5.8	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	6.4	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	24	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	6.9	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	5.6	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	5.5	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	6.1	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	6.2	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	5.5	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	5.4	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	160	20	100	1
02898	Ethyl ether	60-29-7	5.8	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	5.7	0.1	0.5	1
02898	Ethylbenzene	100-41-4	5.8	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	5.7	0.1	0.5	1
02898	2-Hexanone	591-78-6	28	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	5.6	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	6.1	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	5.8	0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	5.8	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	28	1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-3I Matrix Spike Grab Water
COC: 269624 BR-3I

LLI Sample # WW 6416107
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 17:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3I

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	5.7		0.2	0.5	1
02898	Naphthalene	91-20-3	5.1		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	5.6		0.1	0.5	1
02898	Styrene	100-42-5	6.0		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	5.7		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	5.1		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	5.9		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	25		2.0	5.0	1
02898	Toluene	108-88-3	5.7		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	5.3		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	5.1		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	6.0		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	5.5		0.1	0.5	1
02898	Trichloroethene	79-01-6	28	E	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	5.7		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	5.4		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	5.6		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	5.7		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	5.0		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	12		0.1	0.5	1
02898	o-Xylene	95-47-6	5.8		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 04:47	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 04:47	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-3I Matrix Spike Dup Grab Water
COC: 269624 BR-3I

LLI Sample # WW 6416108
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 17:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	34	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	5.8	0.1	0.5	1
02898	Benzene	71-43-2	5.8	0.1	0.5	1
02898	Bromobenzene	108-86-1	5.3	0.1	0.5	1
02898	Bromochloromethane	74-97-5	5.7	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	5.6	0.1	0.5	1
02898	Bromoform	75-25-2	5.2	0.1	0.5	1
02898	Bromomethane	74-83-9	4.8	0.1	0.5	1
02898	2-Butanone	78-93-3	37	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	5.7	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	5.8	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	6.2	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	6.0	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	6.3	0.1	0.5	1
02898	Chlorobenzene	108-90-7	5.4	0.1	0.5	1
02898	Chloroethane	75-00-3	5.0	0.1	0.5	1
02898	Chloroform	67-66-3	5.6	0.1	0.5	1
02898	Chloromethane	74-87-3	4.8	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	5.5	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	5.5	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	5.3	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	5.6	0.1	0.5	1
02898	Dibromomethane	74-95-3	5.4	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	5.2	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	5.2	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	5.2	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	4.3	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	5.8	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	5.9	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	6.4	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	24	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	6.7	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	5.6	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	5.5	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	6.0	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	6.1	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	5.4	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	5.3	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	140	20	100	1
02898	Ethyl ether	60-29-7	5.9	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	5.7	0.1	0.5	1
02898	Ethylbenzene	100-41-4	5.6	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	5.6	0.1	0.5	1
02898	2-Hexanone	591-78-6	28	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	5.6	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	5.9	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	5.7	0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	5.8	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	28	1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-3I Matrix Spike Dup Grab Water
COC: 269624 BR-3I

LLI Sample # WW 6416108
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 17:50 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3I

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	5.6		0.2	0.5	1
02898	Naphthalene	91-20-3	4.9		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	5.5		0.1	0.5	1
02898	Styrene	100-42-5	5.9		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	5.5		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	5.0		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	5.8		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	24		2.0	5.0	1
02898	Toluene	108-88-3	5.5		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	5.2		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	5.0		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	5.9		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	5.4		0.1	0.5	1
02898	Trichloroethene	79-01-6	28	E	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	5.7		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	5.1		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	5.5		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	5.6		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	5.1		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	11		0.1	0.5	1
02898	o-Xylene	95-47-6	5.6		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 05:09	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 05:09	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-3D Grab Water
COC: 269624 BR-3D

LLI Sample # WW 6416109
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 15:25 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	5.6	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	2.4	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-3D Grab Water
COC: 269624 BR-3D

LLI Sample # WW 6416109
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/19/2011 15:25 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB3D

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Naphthalene	91-20-3	0.1	J	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	0.3	J	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	0.3	J	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	0.2	J	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	0.1	J	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 08:26	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 08:26	Angela D Sneeringer	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8I Grab Water
COC: 269624 BR-8I

LLI Sample # WW 6416110
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/20/2011 10:35 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8I

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	0.1	J	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	7.2		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	0.2	J	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8I Grab Water
COC: 269624 BR-8I

LLI Sample # WW 6416110
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/20/2011 10:35 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	20	0.5	2.5	5
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 08:48	Angela D Sneeringer	1
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AB	09/27/2011 16:12	Jason M Long	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 08:48	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C112671AB	09/27/2011 16:12	Jason M Long	5

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8D Grab Water
COC: 269624 BR-8D

LLI Sample # WW 6416111
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/20/2011 14:45 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8D

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	0.1	J	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	0.2	J	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	14		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	0.5	J	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: BR-8D Grab Water
COC: 269624 BR-8D

LLI Sample # WW 6416111
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/20/2011 14:45 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STB8D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	32	0.5	2.5	5
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 09:11	Angela D Sneeringer	1
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AB	09/27/2011 16:34	Jason M Long	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 09:11	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C112671AB	09/27/2011 16:34	Jason M Long	5

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: GW-DP03 Grab Water
COC: 269624 GW-DP03

LLI Sample # WW 6416112
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/20/2011 08:00 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STDP3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l		ug/l	ug/l	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	0.1	J	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	0.2	J	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	14		0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	0.5	J	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1
02898	Methyl Tertiary Butyl Ether	1634-04-4	0.1	J	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: GW-DP03 Grab Water
COC: 269624 GW-DP03

LLI Sample # WW 6416112
LLI Group # 1267872
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 09/20/2011 08:00 by WD

Submitted: 09/22/2011 08:50
Reported: 10/12/2011 12:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

STDP3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	33	0.5	2.5	5
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

For the initial calibration, the following was calibrated using a quadratic fit:
1,4-Dioxane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AA	09/24/2011 09:32	Angela D Sneeringer	1
02898	MA MCP Volatiles by 8260	SW-846 8260B 25mL purge	1	C112671AB	09/27/2011 16:56	Jason M Long	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C112671AA	09/24/2011 09:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	C112671AB	09/27/2011 16:56	Jason M Long	5

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C112671AA	Sample number(s): 6416096-6416099,6416101-6416112								
Acetone	N.D.	3.0	5.0	ug/l	85		70-130		
t-Amyl methyl ether	N.D.	0.1	0.5	ug/l	108		70-130		
Benzene	N.D.	0.1	0.5	ug/l	98		70-130		
Bromobenzene	N.D.	0.1	0.5	ug/l	96		70-130		
Bromochloromethane	N.D.	0.1	0.5	ug/l	108		70-130		
Bromodichloromethane	N.D.	0.1	0.5	ug/l	102		70-130		
Bromoform	N.D.	0.1	0.5	ug/l	104		70-130		
Bromomethane	N.D.	0.1	0.5	ug/l	89		70-130		
2-Butanone	N.D.	1.0	5.0	ug/l	93		70-130		
n-Butylbenzene	N.D.	0.1	0.5	ug/l	96		70-130		
sec-Butylbenzene	N.D.	0.1	0.5	ug/l	95		70-130		
tert-Butylbenzene	N.D.	0.1	0.5	ug/l	105		70-130		
Carbon Disulfide	N.D.	0.4	0.5	ug/l	96		70-130		
Carbon Tetrachloride	N.D.	0.1	0.5	ug/l	99		70-130		
Chlorobenzene	N.D.	0.1	0.5	ug/l	94		70-130		
Chloroethane	N.D.	0.1	0.5	ug/l	92		70-130		
Chloroform	N.D.	0.1	0.5	ug/l	99		70-130		
Chloromethane	N.D.	0.2	0.5	ug/l	88		70-130		
2-Chlorotoluene	N.D.	0.1	0.5	ug/l	94		70-130		
4-Chlorotoluene	N.D.	0.1	0.5	ug/l	97		70-130		
1,2-Dibromo-3-chloropropane	N.D.	0.2	0.5	ug/l	88		70-130		
Dibromochloromethane	N.D.	0.1	0.5	ug/l	100		70-130		
1,2-Dibromoethane	N.D.	0.1	0.5	ug/l	105		70-130		
Dibromomethane	N.D.	0.1	0.5	ug/l	103		70-130		
1,2-Dichlorobenzene	N.D.	0.1	0.5	ug/l	94		70-130		
1,3-Dichlorobenzene	N.D.	0.1	0.5	ug/l	94		70-130		
1,4-Dichlorobenzene	N.D.	0.1	0.5	ug/l	94		70-130		
Dichlorodifluoromethane	N.D.	0.1	0.5	ug/l	71		70-130		
1,1-Dichloroethane	N.D.	0.1	0.5	ug/l	99		70-130		
1,2-Dichloroethane	N.D.	0.1	0.5	ug/l	108		70-130		
1,1-Dichloroethene	N.D.	0.1	0.5	ug/l	98		70-130		
cis-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	98		70-130		
trans-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	98		70-130		
1,2-Dichloropropane	N.D.	0.1	0.5	ug/l	98		70-130		
1,3-Dichloropropane	N.D.	0.1	0.5	ug/l	101		70-130		
2,2-Dichloropropane	N.D.	0.1	0.5	ug/l	99		70-130		
1,1-Dichloropropene	N.D.	0.1	0.5	ug/l	99		70-130		
cis-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	100		70-130		
trans-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	100		70-130		
1,4-Dioxane	N.D.	20.	100	ug/l	115		70-130		
Ethyl ether	N.D.	0.1	0.5	ug/l	109		70-130		
Ethyl t-butyl ether	N.D.	0.1	0.5	ug/l	105		70-130		
Ethylbenzene	N.D.	0.1	0.5	ug/l	95		70-130		
Hexachlorobutadiene	N.D.	0.1	0.5	ug/l	90		70-130		
2-Hexanone	N.D.	1.0	5.0	ug/l	111		70-130		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
di-Isopropyl Ether	N.D.	0.1	0.5	ug/l	99		70-130		
Isopropylbenzene	N.D.	0.1	0.5	ug/l	99		70-130		
p-Isopropyltoluene	N.D.	0.1	0.5	ug/l	95		70-130		
Methyl Tertiary Butyl Ether	N.D.	0.1	0.5	ug/l	106		70-130		
4-Methyl-2-Pentanone	N.D.	1.0	5.0	ug/l	108		70-130		
Methylene Chloride	N.D.	0.2	0.5	ug/l	99		70-130		
Naphthalene	N.D.	0.1	0.5	ug/l	95		70-130		
n-Propylbenzene	N.D.	0.1	0.5	ug/l	93		70-130		
Styrene	N.D.	0.1	0.5	ug/l	102		70-130		
1,1,1,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	97		70-130		
1,1,2,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	97		70-130		
Tetrachloroethene	N.D.	0.1	0.5	ug/l	94		70-130		
Tetrahydrofuran	N.D.	2.0	5.0	ug/l	92		70-130		
Toluene	N.D.	0.1	0.5	ug/l	93		70-130		
1,2,3-Trichlorobenzene	N.D.	0.1	0.5	ug/l	96		70-130		
1,2,4-Trichlorobenzene	N.D.	0.1	0.5	ug/l	90		70-130		
1,1,1-Trichloroethane	N.D.	0.1	0.5	ug/l	97		70-130		
1,1,2-Trichloroethane	N.D.	0.1	0.5	ug/l	99		70-130		
Trichloroethene	N.D.	0.1	0.5	ug/l	95		70-130		
Trichlorofluoromethane	N.D.	0.1	0.5	ug/l	95		70-130		
1,2,3-Trichloropropane	N.D.	0.3	1.0	ug/l	100		70-130		
1,2,4-Trimethylbenzene	N.D.	0.1	0.5	ug/l	95		70-130		
1,3,5-Trimethylbenzene	N.D.	0.1	0.5	ug/l	97		70-130		
Vinyl Chloride	N.D.	0.1	0.5	ug/l	88		70-130		
m+p-Xylene	N.D.	0.1	0.5	ug/l	97		70-130		
o-Xylene	N.D.	0.1	0.5	ug/l	97		70-130		
Batch number: C112671AB	Sample number(s): 6416100,6416110-6416112								
Acetone	N.D.	3.0	5.0	ug/l	97		70-130		
t-Amyl methyl ether	N.D.	0.1	0.5	ug/l	110		70-130		
Benzene	N.D.	0.1	0.5	ug/l	109		70-130		
Bromobenzene	N.D.	0.1	0.5	ug/l	101		70-130		
Bromochloromethane	N.D.	0.1	0.5	ug/l	107		70-130		
Bromodichloromethane	N.D.	0.1	0.5	ug/l	113		70-130		
Bromoform	N.D.	0.1	0.5	ug/l	112		70-130		
Bromomethane	N.D.	0.1	0.5	ug/l	100		70-130		
2-Butanone	N.D.	1.0	5.0	ug/l	98		70-130		
n-Butylbenzene	N.D.	0.1	0.5	ug/l	104		70-130		
sec-Butylbenzene	N.D.	0.1	0.5	ug/l	107		70-130		
tert-Butylbenzene	N.D.	0.1	0.5	ug/l	108		70-130		
Carbon Disulfide	N.D.	0.4	0.5	ug/l	109		70-130		
Carbon Tetrachloride	N.D.	0.1	0.5	ug/l	116		70-130		
Chlorobenzene	N.D.	0.1	0.5	ug/l	104		70-130		
Chloroethane	N.D.	0.1	0.5	ug/l	102		70-130		
Chloroform	N.D.	0.1	0.5	ug/l	110		70-130		
Chloromethane	N.D.	0.2	0.5	ug/l	107		70-130		
2-Chlorotoluene	N.D.	0.1	0.5	ug/l	105		70-130		
4-Chlorotoluene	N.D.	0.1	0.5	ug/l	105		70-130		
1,2-Dibromo-3-chloropropane	N.D.	0.2	0.5	ug/l	87		70-130		
Dibromochloromethane	N.D.	0.1	0.5	ug/l	110		70-130		
1,2-Dibromoethane	N.D.	0.1	0.5	ug/l	111		70-130		
Dibromomethane	N.D.	0.1	0.5	ug/l	110		70-130		
1,2-Dichlorobenzene	N.D.	0.1	0.5	ug/l	101		70-130		
1,3-Dichlorobenzene	N.D.	0.1	0.5	ug/l	101		70-130		
1,4-Dichlorobenzene	N.D.	0.1	0.5	ug/l	101		70-130		
Dichlorodifluoromethane	N.D.	0.1	0.5	ug/l	114		70-130		
1,1-Dichloroethane	N.D.	0.1	0.5	ug/l	110		70-130		
1,2-Dichloroethane	N.D.	0.1	0.5	ug/l	118		70-130		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1-Dichloroethene	N.D.	0.1	0.5	ug/l	115		70-130		
cis-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	107		70-130		
trans-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	110		70-130		
1,2-Dichloropropane	N.D.	0.1	0.5	ug/l	109		70-130		
1,3-Dichloropropane	N.D.	0.1	0.5	ug/l	111		70-130		
2,2-Dichloropropane	N.D.	0.1	0.5	ug/l	110		70-130		
1,1-Dichloropropene	N.D.	0.1	0.5	ug/l	113		70-130		
cis-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	105		70-130		
trans-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	108		70-130		
1,4-Dioxane	N.D.	20.	100	ug/l	135*		70-130		
Ethyl ether	N.D.	0.1	0.5	ug/l	112		70-130		
Ethyl t-butyl ether	N.D.	0.1	0.5	ug/l	108		70-130		
Ethylbenzene	N.D.	0.1	0.5	ug/l	107		70-130		
Hexachlorobutadiene	N.D.	0.1	0.5	ug/l	100		70-130		
2-Hexanone	N.D.	1.0	5.0	ug/l	118		70-130		
di-Isopropyl Ether	N.D.	0.1	0.5	ug/l	108		70-130		
Isopropylbenzene	N.D.	0.1	0.5	ug/l	110		70-130		
p-Isopropyltoluene	N.D.	0.1	0.5	ug/l	107		70-130		
Methyl Tertiary Butyl Ether	N.D.	0.1	0.5	ug/l	110		70-130		
4-Methyl-2-Pentanone	N.D.	1.0	5.0	ug/l	115		70-130		
Methylene Chloride	N.D.	0.2	0.5	ug/l	108		70-130		
Naphthalene	N.D.	0.1	0.5	ug/l	97		70-130		
n-Propylbenzene	N.D.	0.1	0.5	ug/l	105		70-130		
Styrene	N.D.	0.1	0.5	ug/l	114		70-130		
1,1,1,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	107		70-130		
1,1,2,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	100		70-130		
Tetrachloroethene	N.D.	0.1	0.5	ug/l	104		70-130		
Tetrahydrofuran	N.D.	2.0	5.0	ug/l	94		70-130		
Toluene	N.D.	0.1	0.5	ug/l	105		70-130		
1,2,3-Trichlorobenzene	N.D.	0.1	0.5	ug/l	100		70-130		
1,2,4-Trichlorobenzene	N.D.	0.1	0.5	ug/l	95		70-130		
1,1,1-Trichloroethane	N.D.	0.1	0.5	ug/l	110		70-130		
1,1,2-Trichloroethane	N.D.	0.1	0.5	ug/l	107		70-130		
Trichloroethene	N.D.	0.1	0.5	ug/l	106		70-130		
Trichlorofluoromethane	N.D.	0.1	0.5	ug/l	113		70-130		
1,2,3-Trichloropropane	N.D.	0.3	1.0	ug/l	106		70-130		
1,2,4-Trimethylbenzene	N.D.	0.1	0.5	ug/l	106		70-130		
1,3,5-Trimethylbenzene	N.D.	0.1	0.5	ug/l	108		70-130		
Vinyl Chloride	N.D.	0.1	0.5	ug/l	104		70-130		
m+p-Xylene	N.D.	0.1	0.5	ug/l	108		70-130		
o-Xylene	N.D.	0.1	0.5	ug/l	108		70-130		
Batch number: C112671AC	Sample number(s): 6416101								
Trichloroethene	N.D.	0.1	0.5	ug/l	103		70-130		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: C112671AA	Sample number(s): 6416096-6416099,6416101-6416112 UNSPK: 6416106								
Acetone	94	91	70-130	3	30				

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
t-Amyl methyl ether	116	116	70-130	0	30				
Benzene	117	115	70-130	1	30				
Bromobenzene	107	105	70-130	2	30				
Bromochloromethane	116	113	70-130	2	30				
Bromodichloromethane	115	112	70-130	2	30				
Bromoform	108	105	70-130	3	30				
Bromomethane	96	96	70-130	0	30				
2-Butanone	100	99	70-130	1	30				
n-Butylbenzene	115	113	70-130	2	30				
sec-Butylbenzene	118	116	70-130	2	30				
tert-Butylbenzene	129	123	70-130	4	30				
Carbon Disulfide	122	120	70-130	2	30				
Carbon Tetrachloride	129	126	70-130	2	30				
Chlorobenzene	111	108	70-130	2	30				
Chloroethane	100	101	70-130	1	30				
Chloroform	116	113	70-130	2	30				
Chloromethane	95	96	70-130	1	30				
2-Chlorotoluene	111	109	70-130	2	30				
4-Chlorotoluene	112	110	70-130	2	30				
1,2-Dibromo-3-chloropropane	93	91	70-130	3	30				
Dibromochloromethane	109	105	70-130	4	30				
1,2-Dibromoethane	114	112	70-130	2	30				
Dibromomethane	112	109	70-130	3	30				
1,2-Dichlorobenzene	105	103	70-130	2	30				
1,3-Dichlorobenzene	107	105	70-130	2	30				
1,4-Dichlorobenzene	107	103	70-130	3	30				
Dichlorodifluoromethane	84	86	70-130	2	30				
1,1-Dichloroethane	117	115	70-130	2	30				
1,2-Dichloroethane	117	118	70-130	1	30				
1,1-Dichloroethene	126	125	70-130	1	30				
cis-1,2-Dichloroethene	121	112	70-130	2	30				
trans-1,2-Dichloroethene	121	118	70-130	2	30				
1,2-Dichloropropane	112	112	70-130	0	30				
1,3-Dichloropropane	111	110	70-130	1	30				
2,2-Dichloropropane	122	120	70-130	1	30				
1,1-Dichloropropene	125	122	70-130	2	30				
cis-1,3-Dichloropropene	110	109	70-130	1	30				
trans-1,3-Dichloropropene	107	106	70-130	1	30				
1,4-Dioxane	130	113	70-130	13	30				
Ethyl ether	115	118	70-130	2	30				
Ethyl t-butyl ether	114	115	70-130	0	30				
Ethylbenzene	115	112	70-130	3	30				
Hexachlorobutadiene	115	111	70-130	3	30				
2-Hexanone	114	112	70-130	1	30				
di-Isopropyl Ether	112	111	70-130	0	30				
Isopropylbenzene	122	119	70-130	3	30				
p-Isopropyltoluene	116	113	70-130	2	30				
Methyl Tertiary Butyl Ether	115	114	70-130	1	30				
4-Methyl-2-Pentanone	113	111	70-130	1	30				
Methylene Chloride	113	111	70-130	2	30				
Naphthalene	101	99	70-130	2	30				
n-Propylbenzene	112	110	70-130	2	30				
Styrene	119	117	70-130	2	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,1,1,2-Tetrachloroethane	113	111	70-130	2	30				
1,1,2,2-Tetrachloroethane	102	100	70-130	1	30				
Tetrachloroethene	118	116	70-130	2	30				
Tetrahydrofuran	99	95	70-130	4	30				
Toluene	114	110	70-130	3	30				
1,2,3-Trichlorobenzene	106	103	70-130	3	30				
1,2,4-Trichlorobenzene	102	100	70-130	2	30				
1,1,1-Trichloroethane	120	118	70-130	2	30				
1,1,2-Trichloroethane	110	107	70-130	3	30				
Trichloroethene	120 (2)	110 (2)	70-130	2	30				
Trichlorofluoromethane	115	113	70-130	1	30				
1,2,3-Trichloropropane	107	102	70-130	5	30				
1,2,4-Trimethylbenzene	112	109	70-130	3	30				
1,3,5-Trimethylbenzene	115	112	70-130	2	30				
Vinyl Chloride	100	102	70-130	2	30				
m+p-Xylene	116	114	70-130	2	30				
o-Xylene	116	113	70-130	3	30				
Batch number: C112671AB	Sample number(s): 6416100,6416110-6416112 UNSPK: 6416106								
Acetone	94	91	70-130	3	30				
t-Amyl methyl ether	116	116	70-130	0	30				
Benzene	117	115	70-130	1	30				
Bromobenzene	107	105	70-130	2	30				
Bromochloromethane	116	113	70-130	2	30				
Bromodichloromethane	115	112	70-130	2	30				
Bromoform	108	105	70-130	3	30				
Bromomethane	96	96	70-130	0	30				
2-Butanone	100	99	70-130	1	30				
n-Butylbenzene	115	113	70-130	2	30				
sec-Butylbenzene	118	116	70-130	2	30				
tert-Butylbenzene	129	123	70-130	4	30				
Carbon Disulfide	122	120	70-130	2	30				
Carbon Tetrachloride	129	126	70-130	2	30				
Chlorobenzene	111	108	70-130	2	30				
Chloroethane	100	101	70-130	1	30				
Chloroform	116	113	70-130	2	30				
Chloromethane	95	96	70-130	1	30				
2-Chlorotoluene	111	109	70-130	2	30				
4-Chlorotoluene	112	110	70-130	2	30				
1,2-Dibromo-3-chloropropane	93	91	70-130	3	30				
Dibromochloromethane	109	105	70-130	4	30				
1,2-Dibromoethane	114	112	70-130	2	30				
Dibromomethane	112	109	70-130	3	30				
1,2-Dichlorobenzene	105	103	70-130	2	30				
1,3-Dichlorobenzene	107	105	70-130	2	30				
1,4-Dichlorobenzene	107	103	70-130	3	30				
Dichlorodifluoromethane	84	86	70-130	2	30				
1,1-Dichloroethane	117	115	70-130	2	30				
1,2-Dichloroethane	117	118	70-130	1	30				
1,1-Dichloroethene	126	125	70-130	1	30				
cis-1,2-Dichloroethene	121	112	70-130	2	30				
trans-1,2-Dichloroethene	121	118	70-130	2	30				
1,2-Dichloropropane	112	112	70-130	0	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,3-Dichloropropane	111	110	70-130	1	30				
2,2-Dichloropropane	122	120	70-130	1	30				
1,1-Dichloropropene	125	122	70-130	2	30				
cis-1,3-Dichloropropene	110	109	70-130	1	30				
trans-1,3-Dichloropropene	107	106	70-130	1	30				
1,4-Dioxane	130	113	70-130	13	30				
Ethyl ether	115	118	70-130	2	30				
Ethyl t-butyl ether	114	115	70-130	0	30				
Ethylbenzene	115	112	70-130	3	30				
Hexachlorobutadiene	115	111	70-130	3	30				
2-Hexanone	114	112	70-130	1	30				
di-Isopropyl Ether	112	111	70-130	0	30				
Isopropylbenzene	122	119	70-130	3	30				
p-Isopropyltoluene	116	113	70-130	2	30				
Methyl Tertiary Butyl Ether	115	114	70-130	1	30				
4-Methyl-2-Pentanone	113	111	70-130	1	30				
Methylene Chloride	113	111	70-130	2	30				
Naphthalene	101	99	70-130	2	30				
n-Propylbenzene	112	110	70-130	2	30				
Styrene	119	117	70-130	2	30				
1,1,1,2-Tetrachloroethane	113	111	70-130	2	30				
1,1,2,2-Tetrachloroethane	102	100	70-130	1	30				
Tetrachloroethene	118	116	70-130	2	30				
Tetrahydrofuran	99	95	70-130	4	30				
Toluene	114	110	70-130	3	30				
1,2,3-Trichlorobenzene	106	103	70-130	3	30				
1,2,4-Trichlorobenzene	102	100	70-130	2	30				
1,1,1-Trichloroethane	120	118	70-130	2	30				
1,1,2-Trichloroethane	110	107	70-130	3	30				
Trichloroethene	120 (2)	110 (2)	70-130	2	30				
Trichlorofluoromethane	115	113	70-130	1	30				
1,2,3-Trichloropropane	107	102	70-130	5	30				
1,2,4-Trimethylbenzene	112	109	70-130	3	30				
1,3,5-Trimethylbenzene	115	112	70-130	2	30				
Vinyl Chloride	100	102	70-130	2	30				
m+p-Xylene	116	114	70-130	2	30				
o-Xylene	116	113	70-130	3	30				
Batch number: C112671AC	Sample number(s): 6416101 UNSPK: 6416106								
Trichloroethene	120 (2)	110 (2)	70-130	2	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: MA MCP Volatiles by 8260
Batch number: C112671AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1267872
Reported: 10/12/11 at 12:21 PM

Surrogate Quality Control

6416096	105	103	98	97
6416097	105	103	98	96
6416098	105	103	97	95
6416099	107	103	98	95
6416101	107	106	98	95
6416102	108	107	97	95
6416103	108	103	97	95
6416104	106	103	97	94
6416105	107	105	97	94
6416106	106	102	99	95
6416107	103	101	101	106
6416108	103	102	100	106
6416109	109	105	97	95
6416110	109	103	98	95
6416111	109	105	98	95
6416112	110	106	97	93
Blank	105	103	98	95
LCS	104	102	100	106
MS	103	101	101	106
MSD	103	102	100	106
Limits:	77-114	74-113	77-110	78-110

Analysis Name: MA MCP Volatiles by 8260
Batch number: C112671AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6416100	109	107	98	95
Blank	108	104	99	95
LCS	103	102	102	102
MS	103	101	101	106
MSD	103	102	100	106
Limits:	77-114	74-113	77-110	78-110

Analysis Name: MA MCP Volatiles by 8260
Batch number: C112671AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	105	103	96	93
LCS	102	101	101	100
MS	103	101	101	106
MSD	103	102	100	106
Limits:	77-114	74-113	77-110	78-110

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
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Lancaster Laboratories

Case Narrative

Project Name: Simplex/Tyco-1-1380-2
LLI Group #: 1267872

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260B 25mL purge, GC/MS Volatiles

Batch #: C112671AB (Sample number(s): 6416100, 6416110-6416112 UNSPK: P416106)

The recovery(ies) for the following analyte(s) in the LCS exceeded the acceptance window indicating a positive bias: 1,4-Dioxane

Sample #s: 6416096, 6416097, 6416098, 6416099, 6416100, 6416102, 6416103, 6416104, 6416105, 6416106, 6416107, 6416108, 6416109, 6416110, 6416111, 6416112

For the initial calibration, the following was calibrated using a quadratic fit: 1,4-Dioxane.

Sample #s: 6416101

For the initial calibration, the following was calibrated using a quadratic fit: 1,4-Dioxane.
The diluted analysis (DF10) was analyzed 2 days outside of the method specified 14 day holding time. The initial (DF1) analysis was performed within holding time. The result reported for Trichloroethene is from the diluted analysis. The results for Trichloroethene from both analyses are listed below.

compound	concentrations (ug/l)	
	DF1	DF10
Trichloroethene	43 E	35

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1267872 Sample # 6416096-112

COC # 270500

Please print. Instructions on reverse side correspond with circled numbers.

(1)

Client: The Johnson Co Acct. #: 06556

Project Name/#: Single/Two 1-1380-2 PWSID #:

Project Manager: Glen Kirkpatrick P.O.#:

Sampler: Warren Davey Quote #: 110488

Name of state where samples were collected: MA

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water (Potable / NPDES)	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes — H	8260B - MA MCP List
Catch Basin	9-18-11	1400	X			X		3	X	X
24" Outfall	9-18-11	1450	X			X		3	X	X
BR-4S	9-15-11	1312	X			X		3	X	X
BR-4D	9-15-11	1732	X			X		3	X	X
TB091511	9-15-11	—	X			X		2	X	X
BR-8S	9-18-11	1215	X			X		3	X	X
MW-Drain-1	↓	1605	X			X		3	X	X
MW-Drain-2	↓	1725	X			X		3	X	X
EB091811	9-18-11	1315	X			X		3	X	X
BR-3S (2)	9-19-11	1045	X			X		3	X	X

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FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Samples on ice w/ temp blk.

Remarks

Lab trip blk.

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@JCOMAIL.COM

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? (Yes) (No) 9-19-11

Site-specific QC (MS/MSD/Dup)? (Yes) No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
	9-21-11	800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	9/22/11	0850

(9)

FedEx 675329917941
00762091

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Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

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Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1267872 Sample # 6416096-112 **COC #** 269624

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: The Johnson Co Acct. #: 06556
Project Name/#: Singlet/Tyco 1-1380-2 PWSID #:
Project Manager: Glen Kirkpatrick P.O.#:
Sampler: Warren Davey Quote #: 110488
Name of state where samples were collected: MA

(5) Analyses Requested — Preservation Codes

For Lab Use Only
FSC:
SCR#: 111088

Preservation Codes
H=HCl T=Thiosulfate
N=HNO3 B=NaOH
S=H2SO4 O=Other

(6) Temperature of samples upon receipt (if requested)

Saglen ice w/ temp blk.

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water	Other	Total # of Containers	H	8260B/MA-MCP List	MS/MSD	Remarks
BR-3I	9-19-11	1750	X			X		9		X	X	MS/MSD
BR-3D	↓	1525	X			X		3		X	X	
BR-8I	9-20-11	1035	X			X		3		X	X	
BR-8D		1445	X			X		3		X	X	
GW-DP03	↓	800	X			X		3		X	X	

Matrix: Check if Applicable ☐ Potable ☐ NPDES

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@JCOMAIL.COM

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? (Yes) No
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
	9/15-11	1025		9-16-11	10:30
	9-21-11	800			
				9/22/11	0850

(9)

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Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

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Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Date of Receipt: 9/22/11

Time of Receipt: 0850

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9422	2.7°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [signature] th 1209 **Date/Time:** 9/22/11 1538

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2174.06

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

REVISED

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

December 16, 2011

Project: 1-1380-2

Submittal Date: 11/17/2011
Group Number: 1277135
PO Number: 113682
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
Catch Basin Grab Water	6474658
Trip Blank Water	6474659

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Chris Crandell

Lancaster Laboratories

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Analysis Report

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Questions? Contact your Client Services Representative
Nicole L Maljovec at (717) 656-2300 Ext. 1537

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

REVISED

Sample Description: Catch Basin Grab Water
COC: 274492 Catch Basin

LLI Sample # WW 6474658
LLI Group # 1277135
Account # 06556

Project Name: 1-1380-2

Collected: 11/16/2011 11:00 by DB

Submitted: 11/17/2011 09:00
Reported: 12/16/2011 11:17

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	1.5		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Methylene Chloride	75-09-2	N.D.		0.2	0.5	1
02898	Tetrachloroethene	127-18-4	0.1	J	0.1	0.5	1
02898	Toluene	108-88-3	0.6		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	15		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	Xylene (Total)	1330-20-7	N.D.		0.1	0.5	1

The MA MCP analyte list requirement was not met for Method 8260B.

GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**		**ug/l**	**ug/l**	
10137	Butylbenzylphthalate	85-68-7	N.D.		0.048	0.96	1
10137	Di-n-butylphthalate	84-74-2	0.059	J	0.048	0.96	1
10137	Diethylphthalate	84-66-2	N.D.		0.048	0.96	1
10137	Dimethylphthalate	131-11-3	N.D.		0.048	0.96	1
10137	1,4-dioxane	123-91-1	0.15		0.048	0.096	1
10137	Bis(2-Ethylhexyl)phthalate	117-81-7	0.16	J	0.048	0.96	1
10137	Di-n-octylphthalate	117-84-0	0.076	J	0.048	0.96	1

The QC limits for 1,4-dioxane are advisory only until sufficient data points can be obtained to calculate statistical limits.

Bis(2-ethylhexyl)phthalate was detected in the method blank at a concentration of .083 ug/l. The blank value was not subtracted from the analytical result. This sample was re-extracted outside of the method required holding time, and bis(2-ethylhexyl)phthalate was again detected in the method blank and sample. The data reported here is from the initial extraction of the sample.

Herbicides	**SW-846 8151A**		**ug/l**		**ug/l**	**ug/l**	
10407	Pentachlorophenol	87-86-5	N.D.		0.12	0.12	1

Reporting limits were raised due to interference from the sample matrix.

Pesticides/PCBs	**SW-846 8082**		**ug/l**		**ug/l**	**ug/l**	
10227	PCB-1016	12674-11-2	N.D.		0.095	0.48	1
10227	PCB-1221	11104-28-2	N.D.		0.095	0.48	1
10227	PCB-1232	11141-16-5	N.D.		0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.		0.095	0.48	1
10227	PCB-1248	12672-29-6	N.D.		0.095	0.48	1
10227	PCB-1254	11097-69-1	N.D.		0.095	0.48	1

*=This limit was used in the evaluation of the final result

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Analysis Report

REVISED

Sample Description: Catch Basin Grab Water
COC: 274492 Catch Basin

LLI Sample # WW 6474658
LLI Group # 1277135
Account # 06556

Project Name: 1-1380-2

Collected: 11/16/2011 11:00 by DB

Submitted: 11/17/2011 09:00
Reported: 12/16/2011 11:17

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Pesticides/PCBs		**SW-846 8082**		**ug/l**	**ug/l**	**ug/l**	
10227	PCB-1260		11096-82-5	N.D.	0.14	0.48	1
10227	Total PCBs		1336-36-3	N.D.	0.19	0.48	1
Metals		**SW-846 6010B**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron		7439-89-6	4.80	0.0141	0.200	1
	The MA MCP analyte list requirement was not met for Method 6010.						
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	291	20.0	40.0	100
		EPA 420.4		**mg/l**	**mg/l**	**mg/l**	
00434	Phenols (water)		n.a.	N.D.	0.015	0.040	1
		EPA 1664A		**mg/l**	**mg/l**	**mg/l**	
08079	HEM (oil & grease)		n.a.	N.D.	1.4	5.0	1
		SM20 2340 C		**mg/l as CaCO3**	**mg/l as CaCO3**	**mg/l as CaCO3**	
00216	Total Hardness		471-34-1	214	5.0	15.0	5
		SM20 2540 D		**mg/l**	**mg/l**	**mg/l**	
00206	Total Suspended Solids		n.a.	3.6 J	3.0	12.0	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C113272AA	11/23/2011 17:34	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C113272AA	11/23/2011 17:34	Jason M Long	1
10137	Selected SVOAs in water by SIM	SW-846 8270C SIM	1	11323WAB026	11/29/2011 22:03	Dale R Stoneroad	1
10466	BNA Water Extraction SIM	SW-846 3510C	1	11323WAB026	11/20/2011 10:15	Elaine F Stoltzfus	1
10407	Herb water 8151A Master	SW-846 8151A	1	113220002A	11/21/2011 01:43	John W Perkins	1
10227	PCBs in Water	SW-846 8082	1	113230009A	11/23/2011 18:18	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	113230009A	11/21/2011 12:30	Olivia I Santiago	1
00816	Water Sample Herbicide Extract	SW-846 8151A	1	113220002A	11/18/2011 20:30	Elaine F Stoltzfus	1
01754	Iron	SW-846 6010B	1	113261848006	11/25/2011 02:36	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	113261848006	11/23/2011 10:46	Denise K Conners	1
00224	Chloride	EPA 300.0	1	11326196604A	11/23/2011 22:23	Ashley M Adams	100

*=This limit was used in the evaluation of the final result

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Analysis Report

REVISED

Sample Description: Catch Basin Grab Water
COC: 274492 Catch Basin

LLI Sample # WW 6474658
LLI Group # 1277135
Account # 06556

Project Name: 1-1380-2

Collected: 11/16/2011 11:00 by DB

Submitted: 11/17/2011 09:00
Reported: 12/16/2011 11:17

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00434	Phenols (water)	EPA 420.4	1	11325113101A	11/22/2011 10:00	K Robert Caulfeild-James	1
00491	Phenol Distillation (water)	EPA 420.4	1	11325113101A	11/21/2011 14:00	Carolyn M Mastropietro	1
08079	HEM (oil & grease)	EPA 1664A	1	11334807901A	11/30/2011 07:18	Yolunder Y Bunch	1
00216	Total Hardness	SM20 2340 C	1	11326021601B	11/22/2011 09:44	Susan A Engle	5
00206	Total Suspended Solids	SM20 2540 D	1	11325020602B	11/21/2011 08:33	Yolunder Y Bunch	1

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Analysis Report

REVISED

Sample Description: Trip Blank Water
COC: 274492 Trip Blank

LLI Sample # WW 6474659
LLI Group # 1277135
Account # 06556

Project Name: 1-1380-2

Collected: 11/16/2011

Submitted: 11/17/2011 09:00
Reported: 12/16/2011 11:17

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TBCAT

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	Xylene (Total)	1330-20-7	N.D.	0.1	0.5	1

The MA MCP analyte list requirement was not met for Method 8260B.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C113272AA	11/23/2011 17:56	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C113272AA	11/23/2011 17:56	Jason M Long	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

REVISED

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1277135
Reported: 12/16/11 at 11:17 AM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C113272AA	Sample number(s): 6474658-6474659								
Acetone	N.D.	3.0	5.0	ug/l	111	115	70-130	4	30
Benzene	N.D.	0.1	0.5	ug/l	95	95	70-130	0	30
Carbon Tetrachloride	N.D.	0.1	0.5	ug/l	93	94	70-130	1	30
1,2-Dichlorobenzene	N.D.	0.1	0.5	ug/l	95	94	70-130	1	30
1,3-Dichlorobenzene	N.D.	0.1	0.5	ug/l	95	94	70-130	2	30
1,4-Dichlorobenzene	N.D.	0.1	0.5	ug/l	95	93	70-130	2	30
1,1-Dichloroethane	N.D.	0.1	0.5	ug/l	96	96	70-130	0	30
1,2-Dichloroethane	N.D.	0.1	0.5	ug/l	95	94	70-130	1	30
1,1-Dichloroethene	N.D.	0.1	0.5	ug/l	93	93	70-130	0	30
cis-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	95	95	70-130	0	30
Ethylbenzene	N.D.	0.1	0.5	ug/l	95	95	70-130	0	30
Methylene Chloride	N.D.	0.2	0.5	ug/l	90	89	70-130	1	30
Tetrachloroethene	N.D.	0.1	0.5	ug/l	95	94	70-130	1	30
Toluene	N.D.	0.1	0.5	ug/l	95	95	70-130	0	30
1,1,1-Trichloroethane	N.D.	0.1	0.5	ug/l	94	94	70-130	0	30
1,1,2-Trichloroethane	N.D.	0.1	0.5	ug/l	97	95	70-130	2	30
Trichloroethene	N.D.	0.1	0.5	ug/l	95	94	70-130	1	30
Vinyl Chloride	N.D.	0.1	0.5	ug/l	82	83	70-130	1	30
Xylene (Total)	N.D.	0.1	0.5	ug/l	95	95	70-130	0	30
Batch number: 11323WAB026	Sample number(s): 6474658								
Butylbenzylphthalate	N.D.	0.050	1.0	ug/l	104	108	40-138	3	30
Di-n-butylphthalate	N.D.	0.050	1.0	ug/l	115	101	56-148	13	30
Diethylphthalate	N.D.	0.050	1.0	ug/l	74	66	37-148	11	30
Dimethylphthalate	N.D.	0.050	1.0	ug/l	104	107	40-119	3	30
1,4-dioxane	N.D.	0.050	0.10	ug/l	48*	54*	70-130	11	30
Bis(2-Ethylhexyl)phthalate	0.083 J	0.050	1.0	ug/l	111	113	57-154	2	30
Di-n-octylphthalate	N.D.	0.050	1.0	ug/l	107	111	57-145	4	30
Batch number: 113220002A	Sample number(s): 6474658								
Pentachlorophenol	N.D.	0.027	0.050	ug/l	122		57-131		
Batch number: 113230009A	Sample number(s): 6474658								
PCB-1016	N.D.	0.10	0.50	ug/l	84		51-128		
PCB-1221	N.D.	0.10	0.50	ug/l					
PCB-1232	N.D.	0.20	0.50	ug/l					
PCB-1242	N.D.	0.10	0.50	ug/l					
PCB-1248	N.D.	0.10	0.50	ug/l					
PCB-1254	N.D.	0.10	0.50	ug/l					
PCB-1260	N.D.	0.15	0.50	ug/l	92		56-135		
Total PCBs	N.D.	0.20	0.50	ug/l					
Batch number: 113261848006	Sample number(s): 6474658								
Iron	N.D.	0.0141	0.200	mg/l	107		90-112		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1277135
Reported: 12/16/11 at 11:17 AM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 11325113101A	Sample number(s): 6474658								
Phenols (water)	N.D.	0.015	0.040	mg/l	95		90-110		
Batch number: 11326196604A	Sample number(s): 6474658								
Chloride	N.D.	0.20	0.40	mg/l	100		90-110		
Batch number: 11325020602B	Sample number(s): 6474658								
Total Suspended Solids	N.D.	3.0	12.0	mg/l	95		80-105		
Batch number: 11326021601B	Sample number(s): 6474658								
Total Hardness	N.D.	1.0	3.0	mg/l as CaCO3	101		98-105		
Batch number: 11334807901A	Sample number(s): 6474658								
HEM (oil & grease)	N.D.	1.4	5.0	mg/l	82	83	78-114	1	16

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 113220002A	Sample number(s): 6474658			UNSPK: P473915					
Pentachlorophenol	130	134	10-165	3	30				
Batch number: 113230009A	Sample number(s): 6474658			UNSPK: P475208					
PCB-1016	110	115	48-125	2	30				
PCB-1260	49*	46*	54-127	3	30				
Batch number: 113261848006	Sample number(s): 6474658			UNSPK: 6474658		BKG: 6474658			
Iron	100 (2)	102 (2)	75-125	0	20	4.80	4.76	1	20
Batch number: 11325113101A	Sample number(s): 6474658			UNSPK: P473464					
Phenols (water)	92	92	90-110	1	6				
Batch number: 11326196604A	Sample number(s): 6474658			UNSPK: P474660		BKG: P474660			
Chloride	110		90-110			31.4	31.9	2	20
Batch number: 11325020602B	Sample number(s): 6474658			BKG: P474851					
Total Suspended Solids						30.0	40.0	29* (1)	10
Batch number: 11326021601B	Sample number(s): 6474658			UNSPK: P468209		BKG: P469490			
Total Hardness	101		92-109			93.3	96.9	4	5

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA SW846/8260 (water-25ml) #1
Batch number: C113272AA

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1277135
Reported: 12/16/11 at 11:17 AM

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6474658	98	101	100	100
6474659	98	102	100	99
Blank	97	98	100	100
LCS	99	99	101	100
LCSD	100	101	100	99
Limits:	70-130	70-130	70-130	70-130

Analysis Name: Selected SVOAs in water by SIM
Batch number: 11323WAB026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
6474658	98	91	103
Blank	106	97	102
LCS	111	99	98
LCSD	116	100	102
Limits:	64-147	68-132	53-129

Analysis Name: Herb water 8151A Master
Batch number: 113220002A

	2,4-Dichlorophenylacetic acid
6474658	102
Blank	90
LCS	95
MS	91
MSD	102
Limits:	35-144

Analysis Name: PCBs in Water
Batch number: 113230009A

	Tetrachloro-m-xylene	Decachlorobiphenyl
6474658	92	82
Blank	91	84
LCS	90	90
MS	100	95
MSD	100	99
Limits:	30-150	30-150

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 127135 Sample # 6474653-59

COC # 274492

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Company Acct. #:

Project Name/#: 1-1380-2 PWSID #:

Project Manager: Chris Crandell ~~P.O.#~~ Quote 208784A

Sampler: Dan Baston ~~Quote #~~ Order 113682

Name of state where samples were collected: Massachusetts

For Lab Use Only
FSC:
SCR#: 113682

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water (Potable / NPDES)	Other	(4) Total # of Containers	(5) Analyses Requested: Total Suspended Solids SM20 2540D (H)	TPH EPA 1664A (H)	Iron EPA 6010B (N)	Hardness SM20 2340C (N)	Phenols EPA 420.4 (S)	Chloride EPA 300.0	PCBs EPA 8082	Selected SVOCs EPA 8270C SIM	Pentachlorophenol EPA 8151A	VOCs EPA 8260B SIM	(6) Remarks	(6) Temperature of samples upon receipt (if requested)
Catch Basin	11/16/11	1100	X			X		16	X	X	X	X	X	X	X	X	X	X	List of VOCs and SVOCs as per quote 208784A dated 11/08/2011	
Trip Blank						X		2										X		

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: (802) 229-4600 Fax #: (802) 229-5876

E-mail address: CMCE JCOMCAST.COM

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes (No)

(If yes indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
Suzette Lehman	11/9/11	13:50		11/12/11	1100
	11/16/11	1315			
			Mary Merlanch	11/17/11	0900

(9)

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Issued by Dept. 6042 Management
2102.05

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Date of Receipt: 11/17/11

Time of Receipt: 0900

Source Code: So-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	2737	2.3°C	TB	WI	Y	B	
2	↓	2.5°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [signature] 2316 **Date/Time:** 11/17/11 1400

Issued by Dept. 6042 Management

2174.06

December 16, 2011

Mr. Chris Crandell
The Johnson Company, Inc.
100 State Street Suite 600
Montpelier, VT 05602

Dear Mr. Crandell:

I am writing to inform you of revised analytical reports that are being issued for the following:

Project No.: 1-1380-2

Group No.: 1277135

LLI Sample No.	Client Sample Identification	Collection Date
6474658	Catch Basin Grab Water	11/16/2011
6474659	Trip Blank Water	11/16/2011

The correction to the data affects the GC/MS Volatiles analysis only.

In response to your inquiry regarding the results reported for the above samples, it was determined that the sample vials were switched in the autosampler at the time of analysis. The grab water (Lancaster Laboratories' Sample No. 6474658) was re-analyzed for confirmation purposes and results indicated a vial sequence error during the initial analysis. Results for both samples have been corrected.

The revised analytical report reflects this correction and is enclosed.

You are a valued client and we apologize for any inconvenience that this incident may have caused. If you have any questions or require further assistance, please call me at 717-656-2300, Ext. 1488. We appreciate your business and look forward to continuing to serve your laboratory needs.

Sincerely,

Marla S. Lord
Senior Specialist
GC/MS Volatiles

MSL/mc
Enclosures

cc: Nicole Maljovec

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

January 24, 2012

Project: Simplex/Tyco-1-1380-2

Submittal Date: 01/11/2012
Group Number: 1284488
PO Number: 1-1380-2
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
MW-Drain-1 Grab Water	6518762
MW-Drain-2 Grab Water	6518763
24" Outfall Grab Water	6518764
Catch Basin Grab Water	6518765
Drain-IP Grab Water	6518766
TB1134 Water	6518767

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	The Johnson Company, Inc.	Attn: Glen Kirkpatrick
ELECTRONIC COPY TO	The Johnson Company, Inc.	Attn: Adam Robtoy

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Questions? Contact your Client Services Representative
Nicole L Maljovec at (717) 656-2300 Ext. 1537

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

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Analysis Report

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Lancaster Laboratories
Project: Simplex/Tyco-1-1380-2
This form provides certifications for the following data set: 6518762-6518767

Sample Matrices: Water

Methods Used:
SW-846 8260B 25mL purge

Affirmative responses to questions A through F are required for "Presumptive Certainty" status		Yes or No[1]
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes
E	**VPH, EPH, APH, and TO-15 only:** a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only. Was the complete analyte list reported for each method?	NA NA
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes
Responses to Questions G, H and I below are required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes
Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.		
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes
[1] Refer to the Case Narrative for information regarding negative responses.		
I, the undersigned, attest under the pains and penalties of perjury that the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.		

Dorothy M. Love

Dorothy M. Love
Group Leader

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Analysis Report

Sample Description: MW-Drain-1 Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 MW-Drain-1

LLI Sample # WW 6518762
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 13:00 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRAN1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-Drain-1 Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 MW-Drain-1

LLI Sample # WW 6518762
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 13:00 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRAN1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

For the initial calibration, the following was calibrated using a quadratic fit: 1,2-Dibromo-3-Chloropropane.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C120201AA	01/20/2012 12:02	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C120201AA	01/20/2012 12:02	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-Drain-2 Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 MW-Drain-2

LLI Sample # WW 6518763
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 13:50 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRAN2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**	**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-Drain-2 Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 MW-Drain-2

LLI Sample # WW 6518763
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 13:50 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRAN2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

For the initial calibration, the following was calibrated using a quadratic fit: 1,2-Dibromo-3-Chloropropane.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C120201AA	01/20/2012 12:23	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C120201AA	01/20/2012 12:23	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 24" Outfall

LLI Sample # WW 6518764
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 14:15 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

24OUT

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.		0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.1	J	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 24" Outfall

LLI Sample # WW 6518764
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 14:15 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

24OUT

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	1.0	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

For the initial calibration, the following was calibrated using a quadratic fit:
1,2-Dibromo-3-Chloropropane.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C120201AA	01/20/2012 12:45	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C120201AA	01/20/2012 12:45	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Catch Basin Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 Catch Basin

LLI Sample # WW 6518765
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 14:40 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	1.2	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Catch Basin Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 Catch Basin

LLI Sample # WW 6518765
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 14:40 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CATCH

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	13	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

For the initial calibration, the following was calibrated using a quadratic fit:
1,2-Dibromo-3-Chloropropane.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C120201AA	01/20/2012 13:07	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C120201AA	01/20/2012 13:07	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Drain-IP Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 Drain-IP

LLI Sample # WW 6518766
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 12:00 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRNIP

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Acetone	67-64-1	N.D.		3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.		0.1	0.5	1
02898	Benzene	71-43-2	N.D.		0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.		0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.		0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.		0.1	0.5	1
02898	Bromoform	75-25-2	N.D.		0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.		0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.		1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.		0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.		0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.		0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.		0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.		0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.		0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.		0.1	0.5	1
02898	Chloroform	67-66-3	N.D.		0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.		0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.		0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.		0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.		0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.		0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.		0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.		0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.		0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.		0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	0.1	J	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.		0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.		0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.		0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	0.1	J	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.		0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.		0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.		0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.		0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.		0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.		20	100	1
02898	Ethyl ether	60-29-7	N.D.		0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.		0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.		0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.		0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.		1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.		0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.		0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.		0.1	0.5	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Drain-IP Grab Water
Simplex/Tyco - 1-1380-2
COC: 240855 Drain-IP

LLI Sample # WW 6518766
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/09/2012 12:00 by AR

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRNIP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	5.0	1
02898	Methylene Chloride	75-09-2	N.D.	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.	0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
02898	Styrene	100-42-5	N.D.	0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.	2.0	5.0	1
02898	Toluene	108-88-3	N.D.	0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
02898	Trichloroethene	79-01-6	0.7	0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.	0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.	0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.	0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.	0.1	0.5	1

The project QA/QC requirements were not met.

For the initial calibration, the following was calibrated using a quadratic fit:
1,2-Dibromo-3-Chloropropane.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C120201AA	01/20/2012 13:29	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C120201AA	01/20/2012 13:29	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: TB1134 Water
Simplex/Tyco - 1-1380-2
COC: 240855

LLI Sample # WW 6518767
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/04/2012

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TB134

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		ug/l	ug/l	ug/l	
02898	Acetone	67-64-1	N.D.	3.0	5.0	1
02898	t-Amyl methyl ether	994-05-8	N.D.	0.1	0.5	1
02898	Benzene	71-43-2	N.D.	0.1	0.5	1
02898	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
02898	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
02898	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
02898	Bromoform	75-25-2	N.D.	0.1	0.5	1
02898	Bromomethane	74-83-9	N.D.	0.1	0.5	1
02898	2-Butanone	78-93-3	N.D.	1.0	5.0	1
02898	n-Butylbenzene	104-51-8	N.D.	0.1	0.5	1
02898	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
02898	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
02898	Carbon Disulfide	75-15-0	N.D.	0.4	0.5	1
02898	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
02898	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
02898	Chloroethane	75-00-3	N.D.	0.1	0.5	1
02898	Chloroform	67-66-3	N.D.	0.1	0.5	1
02898	Chloromethane	74-87-3	N.D.	0.2	0.5	1
02898	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
02898	4-Chlorotoluene	106-43-4	N.D.	0.1	0.5	1
02898	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.2	0.5	1
02898	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
02898	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
02898	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
02898	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
02898	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
02898	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
02898	Dichlorodifluoromethane	75-71-8	N.D.	0.1	0.5	1
02898	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
02898	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
02898	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
02898	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
02898	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
02898	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
02898	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
02898	2,2-Dichloropropane	594-20-7	N.D.	0.1	0.5	1
02898	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
02898	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
02898	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
02898	1,4-Dioxane	123-91-1	N.D.	20	100	1
02898	Ethyl ether	60-29-7	N.D.	0.1	0.5	1
02898	Ethyl t-butyl ether	637-92-3	N.D.	0.1	0.5	1
02898	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
02898	Hexachlorobutadiene	87-68-3	N.D.	0.1	0.5	1
02898	2-Hexanone	591-78-6	N.D.	1.0	5.0	1
02898	di-Isopropyl Ether	108-20-3	N.D.	0.1	0.5	1
02898	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
02898	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: TB1134 Water
Simplex/Tyco - 1-1380-2
COC: 240855

LLI Sample # WW 6518767
LLI Group # 1284488
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 01/04/2012

Submitted: 01/11/2012 09:15
Reported: 01/24/2012 09:05

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TB134

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B 25mL purge**		**ug/l**		**ug/l**	**ug/l**	
02898	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.1	0.5	1
02898	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	5.0	1
02898	Methylene Chloride	75-09-2	0.3	J	0.2	0.5	1
02898	Naphthalene	91-20-3	N.D.		0.1	0.5	1
02898	n-Propylbenzene	103-65-1	N.D.		0.1	0.5	1
02898	Styrene	100-42-5	N.D.		0.1	0.5	1
02898	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.1	0.5	1
02898	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.1	0.5	1
02898	Tetrachloroethene	127-18-4	N.D.		0.1	0.5	1
02898	Tetrahydrofuran	109-99-9	N.D.		2.0	5.0	1
02898	Toluene	108-88-3	N.D.		0.1	0.5	1
02898	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.1	0.5	1
02898	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.1	0.5	1
02898	1,1,1-Trichloroethane	71-55-6	N.D.		0.1	0.5	1
02898	1,1,2-Trichloroethane	79-00-5	N.D.		0.1	0.5	1
02898	Trichloroethene	79-01-6	N.D.		0.1	0.5	1
02898	Trichlorofluoromethane	75-69-4	N.D.		0.1	0.5	1
02898	1,2,3-Trichloropropane	96-18-4	N.D.		0.3	1.0	1
02898	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.1	0.5	1
02898	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.1	0.5	1
02898	Vinyl Chloride	75-01-4	N.D.		0.1	0.5	1
02898	m+p-Xylene	179601-23-1	N.D.		0.1	0.5	1
02898	o-Xylene	95-47-6	N.D.		0.1	0.5	1

The project QA/QC requirements were not met.

For the initial calibration, the following was calibrated using a quadratic fit:
1,2-Dibromo-3-Chloropropane.

The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02898	EPA SW846/8260 (water-25ml) #1	SW-846 8260B 25mL purge	1	C120201AA	01/20/2012 11:40	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	C120201AA	01/20/2012 11:40	Jason M Long	1

*=This limit was used in the evaluation of the final result

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Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1284488
Reported: 01/24/12 at 09:05 AM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C120201AA	Sample number(s): 6518762-6518767								
Acetone	N.D.	3.0	5.0	ug/l	98	95	70-130	3	30
t-Amyl methyl ether	N.D.	0.1	0.5	ug/l	108	110	70-130	1	30
Benzene	N.D.	0.1	0.5	ug/l	104	104	70-130	0	30
Bromobenzene	N.D.	0.1	0.5	ug/l	102	103	70-130	1	30
Bromochloromethane	N.D.	0.1	0.5	ug/l	109	110	70-130	1	30
Bromodichloromethane	N.D.	0.1	0.5	ug/l	115	113	70-130	1	30
Bromoform	N.D.	0.1	0.5	ug/l	115	112	70-130	3	30
Bromomethane	N.D.	0.1	0.5	ug/l	102	103	70-130	1	30
2-Butanone	N.D.	1.0	5.0	ug/l	104	106	70-130	2	30
n-Butylbenzene	N.D.	0.1	0.5	ug/l	105	106	70-130	1	30
sec-Butylbenzene	N.D.	0.1	0.5	ug/l	105	107	70-130	1	30
tert-Butylbenzene	N.D.	0.1	0.5	ug/l	103	105	70-130	2	30
Carbon Disulfide	N.D.	0.4	0.5	ug/l	108	108	70-130	0	30
Carbon Tetrachloride	N.D.	0.1	0.5	ug/l	114	113	70-130	1	30
Chlorobenzene	N.D.	0.1	0.5	ug/l	104	105	70-130	0	30
Chloroethane	N.D.	0.1	0.5	ug/l	96	98	70-130	2	30
Chloroform	N.D.	0.1	0.5	ug/l	110	110	70-130	0	30
Chloromethane	N.D.	0.2	0.5	ug/l	93	97	70-130	4	30
2-Chlorotoluene	N.D.	0.1	0.5	ug/l	102	103	70-130	2	30
4-Chlorotoluene	N.D.	0.1	0.5	ug/l	103	104	70-130	1	30
1,2-Dibromo-3-chloropropane	N.D.	0.2	0.5	ug/l	113	105	70-130	8	30
Dibromochloromethane	N.D.	0.1	0.5	ug/l	113	112	70-130	1	30
1,2-Dibromoethane	N.D.	0.1	0.5	ug/l	110	109	70-130	1	30
Dibromomethane	N.D.	0.1	0.5	ug/l	112	113	70-130	0	30
1,2-Dichlorobenzene	N.D.	0.1	0.5	ug/l	103	103	70-130	0	30
1,3-Dichlorobenzene	N.D.	0.1	0.5	ug/l	103	103	70-130	0	30
1,4-Dichlorobenzene	N.D.	0.1	0.5	ug/l	102	103	70-130	1	30
Dichlorodifluoromethane	N.D.	0.1	0.5	ug/l	94	95	70-130	1	30
1,1-Dichloroethane	N.D.	0.1	0.5	ug/l	104	105	70-130	1	30
1,2-Dichloroethane	N.D.	0.1	0.5	ug/l	119	118	70-130	1	30
1,1-Dichloroethene	N.D.	0.1	0.5	ug/l	104	103	70-130	1	30
cis-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	104	106	70-130	2	30
trans-1,2-Dichloroethene	N.D.	0.1	0.5	ug/l	104	105	70-130	1	30
1,2-Dichloropropane	N.D.	0.1	0.5	ug/l	106	108	70-130	1	30
1,3-Dichloropropane	N.D.	0.1	0.5	ug/l	110	110	70-130	0	30
2,2-Dichloropropane	N.D.	0.1	0.5	ug/l	115	115	70-130	0	30
1,1-Dichloropropene	N.D.	0.1	0.5	ug/l	107	107	70-130	0	30
cis-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	108	108	70-130	0	30
trans-1,3-Dichloropropene	N.D.	0.1	0.5	ug/l	115	115	70-130	0	30
1,4-Dioxane	N.D.	20.	100	ug/l	127	121	70-130	5	30
Ethyl ether	N.D.	0.1	0.5	ug/l	107	108	70-130	1	30
Ethyl t-butyl ether	N.D.	0.1	0.5	ug/l	105	108	70-130	2	30
Ethylbenzene	N.D.	0.1	0.5	ug/l	106	106	70-130	0	30
Hexachlorobutadiene	N.D.	0.1	0.5	ug/l	98	99	70-130	1	30
2-Hexanone	N.D.	1.0	5.0	ug/l	110	111	70-130	1	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1284488
Reported: 01/24/12 at 09:05 AM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
di-Isopropyl Ether	N.D.	0.1	0.5	ug/l	102	104	70-130	2	30
Isopropylbenzene	N.D.	0.1	0.5	ug/l	108	108	70-130	0	30
p-Isopropyltoluene	N.D.	0.1	0.5	ug/l	104	106	70-130	1	30
Methyl Tertiary Butyl Ether	N.D.	0.1	0.5	ug/l	107	108	70-130	1	30
4-Methyl-2-Pentanone	N.D.	1.0	5.0	ug/l	106	109	70-130	2	30
Methylene Chloride	N.D.	0.2	0.5	ug/l	106	106	70-130	0	30
Naphthalene	N.D.	0.1	0.5	ug/l	102	104	70-130	2	30
n-Propylbenzene	N.D.	0.1	0.5	ug/l	105	106	70-130	1	30
Styrene	N.D.	0.1	0.5	ug/l	112	112	70-130	0	30
1,1,1,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	109	108	70-130	1	30
1,1,2,2-Tetrachloroethane	N.D.	0.1	0.5	ug/l	104	104	70-130	0	30
Tetrachloroethene	N.D.	0.1	0.5	ug/l	102	101	70-130	0	30
Tetrahydrofuran	N.D.	2.0	5.0	ug/l	105	102	70-130	4	30
Toluene	N.D.	0.1	0.5	ug/l	103	103	70-130	0	30
1,2,3-Trichlorobenzene	N.D.	0.1	0.5	ug/l	94	96	70-130	2	30
1,2,4-Trichlorobenzene	N.D.	0.1	0.5	ug/l	97	98	70-130	1	30
1,1,1-Trichloroethane	N.D.	0.1	0.5	ug/l	112	110	70-130	1	30
1,1,2-Trichloroethane	N.D.	0.1	0.5	ug/l	109	108	70-130	1	30
Trichloroethene	N.D.	0.1	0.5	ug/l	105	106	70-130	0	30
Trichlorofluoromethane	N.D.	0.1	0.5	ug/l	124	123	70-130	1	30
1,2,3-Trichloropropane	N.D.	0.3	1.0	ug/l	112	108	70-130	3	30
1,2,4-Trimethylbenzene	N.D.	0.1	0.5	ug/l	106	107	70-130	1	30
1,3,5-Trimethylbenzene	N.D.	0.1	0.5	ug/l	105	107	70-130	1	30
Vinyl Chloride	N.D.	0.1	0.5	ug/l	98	99	70-130	1	30
m+p-Xylene	N.D.	0.1	0.5	ug/l	107	107	70-130	0	30
o-Xylene	N.D.	0.1	0.5	ug/l	107	107	70-130	0	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA SW846/8260 (water-25ml) #1
Batch number: C120201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6518762	107	106	97	95
6518763	106	105	96	95
6518764	106	105	97	95
6518765	106	104	97	94
6518766	107	104	96	93
6518767	105	107	97	95
Blank	106	105	97	94
LCS	103	103	99	103
LCSD	103	102	100	103
Limits:	77-114	74-113	77-110	78-110

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Project Name: Simplex/Tyco-1-1380-2
LLI Group #: 1284488

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260B 25mL purge, GC/MS Volatiles

Sample #s: 6518762, 6518763, 6518764, 6518765, 6518766, 6518767

For the initial calibration, the following was calibrated using a quadratic fit:
1,2-Dibromo-3-Chloropropane.
The percent drift for the following is >20% in the continuing calibration verification standard associated with this sample: Dichlorodifluoromethane.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

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Acct. # 6556 Group# 1284488 Sample # 6518762-67

COC # 240855

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: The Johnson Company Acct. #: 06556
Project Name/#: Simplex/Tyco/1-1380-2 PWSID #:
Project Manager: Adam Rostoy P.O.#:
Sampler: Adam Rostoy (Adam) Quote #:
Name of state where samples were collected: MA

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	(3) Grab	(3) Composite	(4) Matrix: Soil	(4) Matrix: Water (Potable / NPDES)	(4) Matrix: Other	(4) Total # of Containers	(5) Analyses Requested: MA MCP Volatiles 8260 B (Preservation Code H)
mw-Drain-1	1/9/12	1300	X			X		3	X
mw-Drain-2	1/9/12	1350	X			X		3	X
24" Outfall	1/9/12	1415	X			X		3	X
Catch Basin	1/9/12	1440	X			X		3	X
Drain-IP	1/9/12	1200	X			X		3	X
TB 1134	1/4/12	—	X			X		2	X

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Remarks

(6) Temperature of samples upon receipt (if requested)

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax (E-mail)
Phone #: 802-229-4600 Fax #:
E-mail address: arostoy@jcomail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
(MA MCP) CT RCP
SDG Complete? (Yes) No
Site-specific QC (MS/MSD/Dup)? Yes (No)
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	1/10/12	1500			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	1/11/12	0915

(9)

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Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co

Date of Receipt: 1/11/12

Time of Receipt: 0915

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9422	1.1	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Suzette Lehman 1677 **Date/Time:** 1/11/12 11:50

Issued by Dept. 6042 Management

2174.06

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

February 20, 2012

Project: Simplex/Tyco-1-1380-2

Submittal Date: 02/10/2012
Group Number: 1289263
PO Number: 1-1380-2
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
Catch Basin Water	6545407
24" Outfall Water	6545408

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Adam Robtoy

Questions? Contact your Client Services Representative
Nicole L Maljovec at (717) 556-7259

Respectfully Submitted,

Robert Strocko Jr.
Manager

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Analysis Report

Sample Description: Catch Basin Water
Simplex/Tyco1-1380-2
COC: 7357 Catch Basin

LLI Sample # WW 6545407
LLI Group # 1289263
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 02/09/2012 11:15 by AR

Submitted: 02/10/2012 09:10
Reported: 02/20/2012 15:48

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	49.8	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120480635002	02/20/2012 04:29	Tara L Snyder	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120480635002	02/17/2012 19:30	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Water
Simplex/Tyco1-1380-2
COC: 7357 24" Outfall

LLI Sample # WW 6545408
LLI Group # 1289263
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 02/09/2012 11:30 by AR

Submitted: 02/10/2012 09:10
Reported: 02/20/2012 15:48

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	1.19	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120480635002	02/20/2012 04:06	Tara L Snyder	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120480635002	02/17/2012 19:30	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1289263
Reported: 02/20/12 at 03:48 PM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 120480635002	Sample number(s): 6545407-6545408								
Iron	N.D.	0.0141	0.400	mg/l	98		90-112		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 120480635002	Sample number(s): 6545407-6545408 UNSPK: 6545408 BKG: 6545408								
Iron	97	99	75-125	1	20	1.19	1.19	1 (1)	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

A6556 / 1289263 / 6545407-08

CHAIN OF CUSTODY RECORD

7357

Client / Project Name	Project Location
Simplex / Tyco	Westminster, MA
Project No.	**Field Logbook No.**
1-1380-2	—
Sampler: (Signature)	**Chain of Custody Tape No.**
Adam Rostoj	—

Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	ANALYZES: Total # of Containers	REMARKS
Catch Basin	2/9/11	1115		Groundwater	X	250ml poly
24" outfall	2/9/11	1130		↓	X	↓

	Date	Time		Date	Time
Relinquished by: (Signature)	2/9/12	1600	Received by: (Signature)		
Relinquished by: (Signature)			Received for Laboratory: (Signature) Brandy Barsky	2-10-12	910
Sample Disposal Method:			Disposed of by: (Signature)		

SAMPLE COLLECTOR

100 State Street, Suite 600
Montpelier, VT 05602
(802) 229-4600
Fax (802) 229-5876

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering

ANALYTICAL LABORATORY

Lancaster Labs - Nicole Maljovec

Results to Adam Rostoj - arostoj@ejcomail.com

Shipper ID #

Fedex

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy

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Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson CO

Date of Receipt: 2-10-12

Time of Receipt: 910

Source Code: SO-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	1396	3.1	ST	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Brandy Barely 2299 **Date/Time:** 2-10-12 1120

Issued by Dept. 6042 Management

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

March 06, 2012

Project: Simplex/ 1-1380-2

Submittal Date: 02/24/2012
Group Number: 1291476
PO Number: 1-01380-2
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
Catch Basin Water	6557536
Catch Basin Filtered Water	6557537
24" Outfall Water	6557538
24" Outfall Filtered Water	6557539
Catch Basin Water	6557540

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Adam Robtoy

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Questions? Contact your Client Services Representative
Nicole L Maljovec at (717) 556-7259

Respectfully Submitted,

Robert Heisey
Senior Specialist

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Analysis Report

Sample Description: Catch Basin Water
COC: 7343 Catch Basin

LLI Sample # WW 6557536
LLI Group # 1291476
Account # 06556

Project Name: Simplex/ 1-1380-2

Collected: 02/23/2012 11:00 by AR

Submitted: 02/24/2012 09:00
Reported: 03/06/2012 10:45

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	6.01	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120600635001	03/01/2012 19:47	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120600635001	03/01/2012 11:30	James L Mertz	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Catch Basin Filtered Water
COC: 7343 Catch Basin

LLI Sample # WW 6557537
LLI Group # 1291476
Account # 06556

Project Name: Simplex/ 1-1380-2

Collected: 02/23/2012 11:10 by AR

Submitted: 02/24/2012 09:00
Reported: 03/06/2012 10:45

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	4.48	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120600635001	03/01/2012 19:51	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120600635001	03/01/2012 11:30	James L Mertz	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Water
COC: 7343 24" Outfall

LLI Sample # WW 6557538
LLI Group # 1291476
Account # 06556

Project Name: Simplex/ 1-1380-2

Collected: 02/23/2012 12:00 by AR

Submitted: 02/24/2012 09:00
Reported: 03/06/2012 10:45

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	1.54	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120600635001	03/01/2012 19:23	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120600635001	03/01/2012 11:30	James L Mertz	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Filtered Water
COC: 7343 24" Outfall

LLI Sample # WW 6557539
LLI Group # 1291476
Account # 06556

Project Name: Simplex/ 1-1380-2

Collected: 02/23/2012 11:50 by AR

Submitted: 02/24/2012 09:00
Reported: 03/06/2012 10:45

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved	**SW-846 6010C**		mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	0.999	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120600635001	03/01/2012 20:04	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120600635001	03/01/2012 11:30	James L Mertz	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Catch Basin Water
COC: 7343 Catch Basin

LLI Sample # WW 6557540
LLI Group # 1291476
Account # 06556

Project Name: Simplex/ 1-1380-2

Collected: 02/23/2012 11:05 by AR

Submitted: 02/24/2012 09:00
Reported: 03/06/2012 10:45

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**SM20 2540 D**		**mg/l**	**mg/l**	**mg/l**	
00206	Total Suspended Solids	n.a.	N.D.	3.0	12.0	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00206	Total Suspended Solids	SM20 2540 D	1	12058020601A	02/27/2012 08:42	Kelli M Barto	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1291476
Reported: 03/06/12 at 10:45 AM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 120600635001	Sample number(s): 6557536-6557539								
Iron	0.0173 J	0.0141	0.400	mg/l	99		90-112		
Batch number: 12058020601A	Sample number(s): 6557540								
Total Suspended Solids	N.D.	3.0	12.0	mg/l	89		80-105		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 120600635001	Sample number(s): 6557536-6557539 UNSPK: 6557538 BKG: 6557538								
Iron	89	94	75-125	2	20	1.54	1.54	0 (1)	20
Batch number: 12058020601A	Sample number(s): 6557540 BKG: P557541								
Total Suspended Solids						73.0	65.0	12* (1)	10

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Acct # 6556
Grp # 1291476
Sample # 6557536-40

CHAIN OF CUSTODY RECORD

7343

Client / Project Name	Project Location
Simplex/Tyco	Westminster, MA
Project No.	**Field Logbook No.**
1-1380-2	—
Sampler: (Signature)	**Chain of Custody Tape No.**
Adam Robley	—

Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	ANALYZES: Total Fe	Dissolved Fe - Field Filtered	TSS				REMARKS
Catch Basin	2/23/12	1100		Groundwater	X						
Catch Basin	2/23/12	1110		↓		X					
24" Outfall	2/23/12	1200		↓	X						
24" Outfall	2/23/12	1150		↓		X					
Catch Basin	2/23/12	1105		↓			X				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/12	1530			
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
			Beverly Bundy	2-24-12	~~925~~ 0900
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**
					③ KM2

SAMPLE COLLECTOR

100 State Street, Suite 600
Montpelier, VT 05602
(802) 229-4600
Fax (802) 229-5876

THE JOHNSON COMPANY, INC. - 06556
Environmental Sciences and Engineering

ANALYTICAL LABORATORY

Lancaster - Nicole Maljovec

Shipper ID # 2-24-12
Fed Ex

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy

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Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson CO

Date of Receipt: 2-24-12

Time of Receipt: 900

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	2983	2.1	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Brandy Barclay 2299 **Date/Time:** 2-24-12 1028

Issued by Dept. 6042 Management

2174.06

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

March 22, 2012

Project: Simplex/Tyco-1-1380-2

Submittal Date: 03/16/2012
Group Number: 1295848
PO Number: 1-1380-2
State of Sample Origin: MA

Client Sample Description	Lancaster Labs (LLI) #
Catch Basin Filtered Water	6581571
Catch Basin Water	6581572
24" Outfall Filtered Water	6581573
24" Outfall Water	6581574

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Adam Robtoy

Respectfully Submitted,

Nicole L. Maljovec
Senior Specialist Group Leader

(717) 556-7259

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Analysis Report

Sample Description: Catch Basin Filtered Water
Simplex/Tyco 1-1380-2

LLI Sample # WW 6581571
LLI Group # 1295848
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 03/15/2012 11:10 by AR

Submitted: 03/16/2012 10:25
Reported: 03/22/2012 11:49

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	4.69	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120790635001	03/20/2012 18:14	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120790635001	03/19/2012 23:30	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: Catch Basin Water
Simplex/Tyco 1-1380-2

LLI Sample # WW 6581572
LLI Group # 1295848
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 03/15/2012 11:15 by AR

Submitted: 03/16/2012 10:25
Reported: 03/22/2012 11:49

The Johnson Company, Inc.
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Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	7.10	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120790635001	03/20/2012 18:39	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120790635001	03/19/2012 23:30	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Filtered Water
Simplex/Tyco 1-1380-2

LLI Sample # WW 6581573
LLI Group # 1295848
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 03/15/2012 11:30 by AR

Submitted: 03/16/2012 10:25
Reported: 03/22/2012 11:49

The Johnson Company, Inc.
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.916	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120790635001	03/20/2012 18:43	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120790635001	03/19/2012 23:30	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 24" Outfall Water
Simplex/Tyco 1-1380-2

LLI Sample # WW 6581574
LLI Group # 1295848
Account # 06556

Project Name: Simplex/Tyco-1-1380-2

Collected: 03/15/2012 11:35 by AR

Submitted: 03/16/2012 10:25
Reported: 03/22/2012 11:49

The Johnson Company, Inc.
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Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	0.971	0.0141	0.400	1

The MA MCP analyte list requirement was not met for Method 6010.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	120790635001	03/20/2012 18:55	John P Hook	1
10635	WW SW846(IV) ICP Dig (tot rec)	SW-846 3005A	1	120790635001	03/19/2012 23:30	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1295848
Reported: 03/22/12 at 11:49 AM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 120790635001	Sample number(s): 6581571-6581574								
Iron	N.D.	0.0141	0.400	mg/l	102		90-112		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 120790635001	Sample number(s): 6581571-6581574 UNSPK: 6581571 BKG: 6581571								
Iron	104 (2)	111 (2)	75-125	1	20	4.69	4.71	0	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

A6556/1295848/6581571-74

CHAIN OF CUSTODY RECORD

9191

Client / Project Name	Project Location	ANALYZES
Simplex / Tyco	Westminster, MA	

Project No.	Field Logbook No.
1-1380-2	—

Sampler: (*Signature*)	Chain of Custody Tape No.
Adam Robtoy (signature)	—

Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	Total Fe	Dissolved Fe - Field Filtered					REMARKS
Catch Basin	3/15/12	1110				X					
Catch Basin	↓	1115			X						
24" outfall	↓	1130				X					
24" outfall	↓	1135			X						

Relinquished by: (*Signature*)	Date	Time	Received by: (*Signature*)	Date	Time
(signature)	3/15/12	1500			
Relinquished by: (*Signature*)	**Date**	**Time**	**Received for Laboratory: (*Signature*)**	**Date**	**Time**
			(signature)	3/16/12	1025
Sample Disposal Method:	**Disposed of by: (*Signature*)**			**Date**	**Time**

SAMPLE COLLECTOR	ANALYTICAL LABORATORY	Shipper ID #
Lancaster client ID - 06556	Lancaster - Nicole Maljovec	FedEx
THE JOHNSON COMPANY, INC. Environmental Sciences and Engineering, 100 State Street, Suite 600, Montpelier, VT 05602, (802) 229-4600, Fax (802) 229-5876	Results to Adam Robtoy	

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy

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Environmental Sample Administration Receipt Documentation Log

Client/Project: The Johnson Co.

Date of Receipt: 3/16/12

Time of Receipt: 1025

Source Code: 501

Shipping Container Sealed: (YES) NO

Custody Seal Present * : YES (NO)

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	1396 ~~2737~~ @CL 3/16/12	3.7°C	~~TB~~ ST @CL 3/16/12	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rcvd 1 pc. Swagelok tubing and 1 filter.

Unpacker Signature/Emp#: [signature] 2316 **Date/Time:** 3/16/12 1510

Issued by Dept. 6042 Management

2174.06

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.