

# SUBURBAN LABORATORIES, Inc.



4140 Litt Drive Hillside, Illinois 60162  
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Fax (708) 544-8587  
[www.suburbanlabs.com](http://www.suburbanlabs.com)

August 17, 2012

Jim Powell  
Sauk Village Water Department  
21801 Torrence Avenue  
Sauk Village, Illinois 60411

**Workorder: 1208760**

TEL: (708) 758-3330  
FAX: (708) 757-6627  
RE: Well No 1 and 2 Vinyl Chloride Removal

Dear Jim Powell:

Suburban Laboratories, Inc. received 5 sample(s) on 08/14/12 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation on, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez  
Project Manager





## Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

### Case Narrative

**Client:** Sauk Village Water Department

**Date:** August 17, 2012

**Project:** Well No 1 and 2 Vinyl Chloride Removal

**PO #:**

**WorkOrder:** 1208760

**QC Level:** LEVEL I

**Temperature of samples upon receipt at SLI:** 6 C

**Chain of Custody #:** 99996

#### General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.

#### Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- In Laboratory: EPA recommends this analyte be analyzed "immediately" (e.g., tests that should be performed in the field within 15 minutes of collection). Analytes with "immediate" hold times are analyzed as soon as possible upon receipt by the laboratory.
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

#### Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

#### Workorder Specific Comments:



**Client ID:** Sauk Village Water Department

**Report Date:** August 17, 2012

**Project Name:** Well No 1 and 2 Vinyl Chloride Removal

**Workorder:** 1208760

**Client Sample ID:** PRE-AIR STRIPPING (2ND SET)

**Matrix:** DRINKING WATER

**Lab ID:** 1208760-001

**Date Received:** 08/14/2012 12:40 PM

**Collection Date:** 08/13/2012 4:30 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Benzene	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Chlorobenzene	ND	100	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Ethylbenzene	ND	700	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Methylene chloride	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Styrene	ND	100	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Tetrachloroethene	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Toluene	ND	1,000	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Trichloroethene	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Vinyl chloride	1.02	2.00	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
Total Xylenes	ND	10,000	0.500		µg/L	1	08/16/2012 10:16 PM	R26204
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	87.8		66.8-122		%REC	1	08/16/2012 10:16 PM	R26204
SS: 4-Bromofluorobenzene	89.6		67.7-120		%REC	1	08/16/2012 10:16 PM	R26204
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Methyl tert-butyl ether	ND		0.500		µg/L	1	08/16/2012 10:16 PM	R26204

<b>Qualifiers:</b>	*/x	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	c	Analyte not in SLI scope of accreditation	E	Estimated, detected above quantitation range
	G	Refer to case narrative page for specific comments	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limit (QL)	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	S	Spike Recovery outside accepted recovery limits		



**Client ID:** Sauk Village Water Department

**Report Date:** August 17, 2012

**Project Name:** Well No 1 and 2 Vinyl Chloride Removal

**Workorder:** 1208760

**Client Sample ID:** POST-AIR STRIPPING (2ND SET)

**Matrix:** DRINKING WATER

**Lab ID:** 1208760-002

**Date Received:** 08/14/2012 12:40 PM

**Collection Date:** 08/13/2012 4:35 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Benzene	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Chlorobenzene	ND	100	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Ethylbenzene	ND	700	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Methylene chloride	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Styrene	ND	100	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Tetrachloroethene	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Toluene	ND	1,000	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Trichloroethene	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Vinyl chloride	ND	2.00	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
Total Xylenes	ND	10,000	0.500		µg/L	1	08/16/2012 10:53 PM	R26204
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	89.6		66.8-122		%REC	1	08/16/2012 10:53 PM	R26204
SS: 4-Bromofluorobenzene	90.6		67.7-120		%REC	1	08/16/2012 10:53 PM	R26204
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Methyl tert-butyl ether	ND		0.500		µg/L	1	08/16/2012 10:53 PM	R26204

<b>Qualifiers:</b>	*/x	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	c	Analyte not in SLI scope of accreditation	E	Estimated, detected above quantitation range
	G	Refer to case narrative page for specific comments	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limit (QL)	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	S	Spike Recovery outside accepted recovery limits		



**Client ID:** Sauk Village Water Department  
**Project Name:** Well No 1 and 2 Vinyl Chloride Removal

**Report Date:** August 17, 2012  
**Workorder:** 1208760

**Client Sample ID:** PRE-AIR STRIPPING (2ND SET)

**Matrix:** DRINKING WATER

**Lab ID:** 1208760-003

**Date Received:** 08/14/2012 12:40 PM

**Collection Date:** 08/14/2012 11:20 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Benzene	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Chlorobenzene	ND	100	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Ethylbenzene	ND	700	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Methylene chloride	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Styrene	ND	100	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Tetrachloroethene	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Toluene	ND	1,000	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Trichloroethene	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Vinyl chloride	1.02	2.00	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
Total Xylenes	ND	10,000	0.500		µg/L	1	08/16/2012 11:30 PM	R26204
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	91.8		66.8-122		%REC	1	08/16/2012 11:30 PM	R26204
SS: 4-Bromofluorobenzene	92.8		67.7-120		%REC	1	08/16/2012 11:30 PM	R26204
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Methyl tert-butyl ether	ND		0.500		µg/L	1	08/16/2012 11:30 PM	R26204

<b>Qualifiers:</b>	*/x	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	c	Analyte not in SLI scope of accreditation	E	Estimated, detected above quantitation range
	G	Refer to case narrative page for specific comments	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limit (QL)	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	S	Spike Recovery outside accepted recovery limits		



**Client ID:** Sauk Village Water Department

**Report Date:** August 17, 2012

**Project Name:** Well No 1 and 2 Vinyl Chloride Removal

**Workorder:** 1208760

**Client Sample ID:** POST-AIR STRIPPING (2ND SET)

**Matrix:** DRINKING WATER

**Lab ID:** 1208760-004

**Date Received:** 08/14/2012 12:40 PM

**Collection Date:** 08/14/2012 11:28 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Benzene	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Chlorobenzene	ND	100	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Ethylbenzene	ND	700	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Methylene chloride	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Styrene	ND	100	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Tetrachloroethene	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Toluene	ND	1,000	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Trichloroethene	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Vinyl chloride	ND	2.00	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
Total Xylenes	ND	10,000	0.500		µg/L	1	08/17/2012 12:07 AM	R26204
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	90.4		66.8-122		%REC	1	08/17/2012 12:07 AM	R26204
SS: 4-Bromofluorobenzene	90.0		67.7-120		%REC	1	08/17/2012 12:07 AM	R26204
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Methyl tert-butyl ether	ND		0.500		µg/L	1	08/17/2012 12:07 AM	R26204

<b>Qualifiers:</b>	*/x	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	c	Analyte not in SLI scope of accreditation	E	Estimated, detected above quantitation range
	G	Refer to case narrative page for specific comments	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limit (QL)	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	S	Spike Recovery outside accepted recovery limits		



**Client ID:** Sauk Village Water Department

**Report Date:** August 17, 2012

**Project Name:** Well No 1 and 2 Vinyl Chloride Removal

**Workorder:** 1208760

**Client Sample ID:** TRIP BLANK

**Matrix:** DEIONIZED WATER

**Lab ID:** 1208760-005

**Date Received:** 08/14/2012 12:40 PM

**Collection Date:** 08/14/2012 12:00 AM

Parameter	Result	Report		Qual.	Units	Dilution		Batch ID
		MCL	Limit			Factor	Date Analyzed	
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Benzene	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Chlorobenzene	ND	100	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Ethylbenzene	ND	700	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Methylene chloride	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Styrene	ND	100	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Tetrachloroethene	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Toluene	ND	1,000	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Trichloroethene	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Vinyl chloride	ND	2.00	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
Total Xylenes	ND	10,000	0.500		µg/L	1	08/17/2012 12:43 AM	R26204
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	89.2		66.8-122		%REC	1	08/17/2012 12:43 AM	R26204
SS: 4-Bromofluorobenzene	92.0		67.7-120		%REC	1	08/17/2012 12:43 AM	R26204
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: dp		
Methyl tert-butyl ether	ND		0.500		µg/L	1	08/17/2012 12:43 AM	R26204

<b>Qualifiers:</b>	*/x	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	c	Analyte not in SLI scope of accreditation	E	Estimated, detected above quantitation range
	G	Refer to case narrative page for specific comments	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limit (QL)	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	S	Spike Recovery outside accepted recovery limits		



**SUBURBAN LABORATORIES, Inc.**  
 4140 Litt Drive Hillside, IL 60162  
 Tel: 708.544.3260 Fax: 708.544.8587

Toll Free: 800.783.LABS  
 www.suburbanlabs.com

**CHAIN OF CUSTODY RECORD**

# 99996

Company Name: **Sauk Village Water Dept.**  
 Company Address: **21801 TORRENCE AVE**  
 City: **Sauk Village, IL** State: **IL** ZIP: **60411**  
 Phone: **708-758-3330** Fax: **708-757-6627**  
 Email Address: **slarson@baxterwoodman.com**  
 Project ID / Location: **Well No. 1 & 2 Vinyl Chloride Removal**  
 Project Manager (Report to): **Jim Rowe (Carver)**  
 Sample Collector(s) Name: **Jerry Bever - Baxter + Woodman**

TURNAROUND TIME REQUESTED:  Normal  RUSH\*  
 \*Date & Time Needed: **ASAP**  
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.  
 Specify Regulatory Program:  Nonref/Info Only  
 LUST  SRP  SDWA  
 503 Sludge  NPDES  MWRDGC  
 Disposal  Other\* \*Please specify in comment section below.

ANALYSIS & METHOD REQUESTED: **VOC-Vinyl Chloride**  
 Enter an "X" in box below for request

Page **1** of **1**  
 Shipping Method: **LAB USE ONLY**  
 Reporting Level (at additional charge): **1 2 3 4**  
 Sample containers supplied by customer?  Yes  No  
 Temperature of Received Samples: **6** °C  
 Samples received the same day as collection?  Yes  No

SAMPLE IDENTIFICATION <small>*Use One Line Per Preservation &amp; Container Type*</small>	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS Qty/ SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	CONDITION	Soil#	LAB #
	DATE	TIME								
1 Pre-Air Stripping (2nd set)	08/13/12	4:30 PM	DW	G	2 40ml-Vial	HCL/Ascorbic Acid				001A
2 Post-Air Stripping (2nd set)	08/13/12	4:35 PM	DW	G	2 40ml-Vial	HCL/Ascorbic Acid				002A
3										
4 Pre-Air Stripping (2nd set)	08/14/12	11:20 AM	DW	G	2 40ml-Vial	HCL/Ascorbic Acid				003A
5 Post-Air Stripping (2nd set)	08/14/12	11:28 AM	DW	G	2 40ml-Vial	HCL/Ascorbic Acid				004A
6										005A
7										
8										
9										
10										
11										
12										

**MATRIX:** Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H<sub>2</sub>SO<sub>4</sub>, HCl, HNO<sub>3</sub>, Methanol (MeOH), NaOH, Sodium Bisulfite (NaBS), NaThio

**COMMENTS & SPECIAL INSTRUCTIONS:**  
 E-mail Results to: **slarson@baxterwoodman.com** and **cgrievs@baxterwoodman.com**.  
 Samples for confirmation of second pair of air strippers VOC-Vinyl Chloride removal from Well No. 1

**CONDITION CODES:**  
 1. Improper/damaged container/cap  
 2. Improper preservation  
 3. Insufficient sample volume  
 4. Headspace/air bubbles for VOCs  
 5. Received past holding time  
 6. Received frozen  
 7. Label conflicts with COC

1. Relinquished By: **Henderson, Bruce** Date: **08/14/12**  
 Received By: **WJG** Date: **12/20**  
 2. Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_  
 3. Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_  
 4. Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Submission of samples subject to Terms and Conditions on back. Rev. 07/20/08 White-Original, Pink-Sampler Copy