Thursday, September 27, 2012

Lindsey Zuer

Baxter & Woodman, Inc.
8678 Ridgefield Road
Crystal Lake, IL 60012

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RE: Winnetka 120390.30 PAS WO: 12I0400

Prairie Analytical Systems, Inc. received 3 sample(s) on 9/18/2012 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

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If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

Prairie Analytical Systems, Inc. **Date:** 9/27/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400
Client Sample ID: 2 **Lab ID:** 12I0400-01
Collection Date: 9/18/12 14:30 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 13:46	EPA 200.8	JTC
***Copper**	**0.0383**	0.00500		mg/L	1	9/20/12 8:53	9/26/12 13:46	EPA 200.8	JTC
***Lead**	**0.0120**	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 13:46	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
***Zinc**	**0.0145**	0.0100		mg/L	1	9/20/12 8:53	9/26/12 4:08	EPA 200.8	JTC
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:19	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	9/21/12 9:10	9/26/12 12:57	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 12:57	EPA 200.8	JTC
***Copper**	**0.0280**	0.00500		mg/L	1	9/21/12 9:10	9/26/12 12:57	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:19	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	9/21/12 9:10	9/26/12 3:19	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 12:57	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:19	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 12:57	EPA 200.8	JTC
*Zinc	U	0.0100		mg/L	1	9/21/12 9:10	9/26/12 12:57	EPA 200.8	JTC
Anions by Ion Chromatography									
***Chloride**	**36.6**	5.00		mg/L	10	9/19/12 13:30	9/19/12 16:18	EPA 300.0	JHN
***Nitrate (as N)**	**0.523**	0.0500		mg/L	1	9/19/12 13:30	9/19/12 16:36	EPA 300.0	JHN
*Nitrite (as N)	U	0.0500		mg/L	1	9/19/12 13:30	9/19/12 16:36	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**0.501**	0.100		mg/L	1	9/21/12 8:54	9/21/12 12:57	EPA 350.3	AJD
*Hexavalent Chromium	U	0.0100	I	mg/L	1	9/21/12 9:46	9/21/12 9:54	SM 3500-Cr I	RSR
Conductivity	**370**	10.0		µmhos/cm	1	9/24/12 11:39	9/24/12 16:31	SM 2510B	AJD
***Total Kjeldahl Nitrogen**	**1.27**	0.500		mg/L	1	9/24/12 11:38	9/26/12 13:31	EPA 351.4	AJD
*Oil and Grease	U	1.00		mg/L	1	9/20/12 16:05	9/21/12 16:32	EPA 1664A	SLS
***Phosphorus**	**0.322**	0.0500		mg/L	2	9/21/12 11:24	9/21/12 16:20	EPA 365.2	AJD
***Total Dissolved Solids**	**244**	100		mg/L	1	9/20/12 13:59	9/21/12 11:58	EPA 160.1	RSR
***Total Suspended Solids**	**12.5**	4.00		mg/L	1	9/20/12 11:59	9/20/12 14:06	EPA 160.2	CMH

Prairie Analytical Systems, Inc. **Date:** 9/27/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400
Client Sample ID: 3 **Lab ID:** 12I0400-02
Collection Date: 9/18/12 10:46 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 13:54	EPA 200.8	JTC
***Copper**	**0.109**	0.00500		mg/L	1	9/20/12 8:53	9/26/12 13:54	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 13:54	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
***Zinc**	**0.0150**	0.0100		mg/L	1	9/20/12 8:53	9/26/12 4:16	EPA 200.8	JTC
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:27	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	9/21/12 9:10	9/26/12 13:05	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:05	EPA 200.8	JTC
***Copper**	**0.105**	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:05	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:27	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	9/21/12 9:10	9/26/12 3:27	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:05	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:27	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:05	EPA 200.8	JTC
***Zinc**	**0.0157**	0.0100		mg/L	1	9/21/12 9:10	9/26/12 13:05	EPA 200.8	JTC
Anions by Ion Chromatography									
***Chloride**	**139**	50.0		mg/L	100	9/20/12 17:00	9/20/12 19:00	EPA 300.0	JHN
***Nitrate (as N)**	**1.83**	0.0500		mg/L	1	9/19/12 13:30	9/19/12 17:13	EPA 300.0	JHN
*Nitrite (as N)	U	0.0500		mg/L	1	9/19/12 13:30	9/19/12 17:13	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**0.106**	0.100		mg/L	1	9/21/12 8:54	9/21/12 12:57	EPA 350.3	AJD
*Hexavalent Chromium	U	0.0100		mg/L	1	9/21/12 9:46	9/21/12 9:54	SM 3500-Cr I	RSR
Conductivity	**640**	10.0		µmhos/cm	1	9/24/12 11:39	9/24/12 16:31	SM 2510B	AJD
***Total Kjeldahl Nitrogen**	**31.0**	2.50		mg/L	5	9/24/12 11:38	9/26/12 13:31	EPA 351.4	AJD
*Oil and Grease	U	1.00		mg/L	1	9/20/12 16:05	9/21/12 16:32	EPA 1664A	SLS
***Phosphorus**	**0.264**	0.0500		mg/L	2	9/21/12 11:24	9/21/12 16:20	EPA 365.2	AJD
***Total Dissolved Solids**	**512**	100		mg/L	1	9/20/12 13:59	9/21/12 11:58	EPA 160.1	RSR
*Total Suspended Solids	U	4.00		mg/L	1	9/20/12 11:59	9/20/12 14:06	EPA 160.2	CMH

Prairie Analytical Systems, Inc. **Date:** 9/27/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400
Client Sample ID: 5 **Lab ID:** 12I0400-03
Collection Date: 9/18/12 13:22 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 14:02	EPA 200.8	JTC
***Copper**	**0.0128**	0.00500		mg/L	1	9/20/12 8:53	9/26/12 14:02	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 14:02	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
***Zinc**	**0.0121**	0.0100		mg/L	1	9/20/12 8:53	9/26/12 4:24	EPA 200.8	JTC
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:35	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	9/21/12 9:10	9/26/12 13:13	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:13	EPA 200.8	JTC
***Copper**	**0.00970**	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:13	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:35	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	9/21/12 9:10	9/26/12 3:35	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:13	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 3:35	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	9/21/12 9:10	9/26/12 13:13	EPA 200.8	JTC
***Zinc**	**0.0117**	0.0100		mg/L	1	9/21/12 9:10	9/26/12 13:13	EPA 200.8	JTC
Anions by Ion Chromatography									
***Chloride**	**86.4**	5.00		mg/L	10	9/19/12 13:30	9/19/12 17:32	EPA 300.0	JHN
***Nitrate (as N)**	**1.45**	0.0500		mg/L	1	9/19/12 13:30	9/19/12 17:50	EPA 300.0	JHN
*Nitrite (as N)	U	0.0500		mg/L	1	9/19/12 13:30	9/19/12 17:50	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**1.01**	0.100		mg/L	1	9/21/12 8:54	9/21/12 12:57	EPA 350.3	AJD
*Hexavalent Chromium	U	0.0100		mg/L	1	9/21/12 9:46	9/21/12 9:54	SM 3500-Cr I	RSR
Conductivity	**671**	10.0		µmhos/cm	1	9/24/12 11:41	9/24/12 16:31	SM 2510B	AJD
***Total Kjeldahl Nitrogen**	**1.96**	0.500		mg/L	1	9/24/12 11:38	9/26/12 13:31	EPA 351.4	AJD
***Oil and Grease**	**1.37**	1.00		mg/L	1	9/20/12 16:05	9/21/12 16:32	EPA 1664A	SLS
***Phosphorus**	**0.305**	0.0500		mg/L	2	9/21/12 11:24	9/21/12 16:20	EPA 365.2	AJD
***Total Dissolved Solids**	**422**	100		mg/L	1	9/20/12 13:59	9/21/12 11:58	EPA 160.1	RSR
*Total Suspended Solids	U	4.00		mg/L	1	9/20/12 11:59	9/20/12 14:06	EPA 160.2	CMH

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004920 - SW 3005A Metals										
Blank (V004920-BLK1)				Prepared: 09/20/2012 Analyzed: 09/26/2012						
Arsenic	U	0.00500	mg/L							
Cadmium	U	0.00100	mg/L							
Chromium	U	0.00500	mg/L							
Copper	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							
Mercury	U	0.000200	mg/L							
Nickel	U	0.00500	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							
Zinc	U	0.0100	mg/L							
LCS (V004920-BS1)				Prepared: 09/20/2012 Analyzed: 09/26/2012						
Arsenic	0.463	0.00500	mg/L	0.50000		93	85-115			
Cadmium	0.472	0.00100	mg/L	0.50000		94	85-115			
Chromium	0.428	0.00500	mg/L	0.50000		86	85-115			
Copper	0.447	0.00500	mg/L	0.50000		89	85-115			
Lead	0.486	0.00500	mg/L	0.50000		97	85-115			
Mercury	0.0184	0.000200	mg/L	0.020000		92	85-115			
Nickel	0.440	0.00500	mg/L	0.50000		88	85-115			
Selenium	0.468	0.00500	mg/L	0.50000		94	85-115			
Silver	0.0477	0.00500	mg/L	0.050000		95	85-115			
Zinc	0.448	0.0100	mg/L	0.50000		90	85-115			
Matrix Spike (V004920-MS1)		**Source: 12I0400-03**		Prepared: 09/20/2012 Analyzed: 09/26/2012						
Arsenic	0.460	0.00500	mg/L	0.50000	0.00129	92	75-125			
Cadmium	0.515	0.00100	mg/L	0.50000	ND	103	75-125			
Chromium	0.477	0.00500	mg/L	0.50000	0.000593	95	75-125			
Copper	0.488	0.00500	mg/L	0.50000	0.0128	95	75-125			
Lead	0.503	0.00500	mg/L	0.50000	ND	101	75-125			
Mercury	0.0180	0.000200	mg/L	0.020000	ND	90	75-125			
Nickel	0.491	0.00500	mg/L	0.50000	0.00134	98	75-125			
Selenium	0.469	0.00500	mg/L	0.50000	ND	94	75-125			
Silver	0.0527	0.00500	mg/L	0.050000	ND	105	75-125			
Zinc	0.429	0.0100	mg/L	0.50000	0.0121	83	75-125			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004920 - SW 3005A Metals										
Matrix Spike Dup (V004920-MSD1)		**Source: 12I0400-03**		Prepared: 09/20/2012 Analyzed: 09/26/2012						
Arsenic	0.468	0.00500	mg/L	0.50000	0.00129	93	75-125	2	20	
Cadmium	0.532	0.00100	mg/L	0.50000	ND	106	75-125	3	20	
Chromium	0.494	0.00500	mg/L	0.50000	0.000593	99	75-125	4	20	
Copper	0.494	0.00500	mg/L	0.50000	0.0128	96	75-125	1	20	
Lead	0.514	0.00500	mg/L	0.50000	ND	103	75-125	2	20	
Mercury	0.0181	0.000200	mg/L	0.020000	ND	90	75-125	0.7	20	
Nickel	0.498	0.00500	mg/L	0.50000	0.00134	99	75-125	1	20	
Selenium	0.487	0.00500	mg/L	0.50000	ND	97	75-125	4	20	
Silver	0.0529	0.00500	mg/L	0.050000	ND	106	75-125	0.4	20	
Zinc	0.435	0.0100	mg/L	0.50000	0.0121	84	75-125	1	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Dissolved Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004952 - SW 3005A Metals										
Blank (V004952-BLK1)				Prepared: 09/21/2012 Analyzed: 09/25/2012						
Arsenic	U	0.00500	mg/L							
Cadmium	U	0.00100	mg/L							
Chromium	U	0.00500	mg/L							
Copper	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							
Mercury	U	0.000200	mg/L							
Nickel	U	0.00500	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							
Zinc	U	0.0100	mg/L							
LCS (V004952-BS1)				Prepared: 09/21/2012 Analyzed: 09/25/2012						
Arsenic	0.453	0.00500	mg/L	0.50000		91	85-115			
Cadmium	0.473	0.00100	mg/L	0.50000		95	85-115			
Chromium	0.443	0.00500	mg/L	0.50000		89	85-115			
Copper	0.446	0.00500	mg/L	0.50000		89	85-115			
Lead	0.496	0.00500	mg/L	0.50000		99	85-115			
Mercury	0.0184	0.000200	mg/L	0.020000		92	85-115			
Nickel	0.446	0.00500	mg/L	0.50000		89	85-115			
Selenium	0.468	0.00500	mg/L	0.50000		94	85-115			
Silver	0.0489	0.00500	mg/L	0.050000		98	85-115			
Zinc	0.460	0.0100	mg/L	0.50000		92	85-115			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004929 - EPA 300.0/SW 9056A Anions										
Blank (V004929-BLK1)				Prepared & Analyzed: 09/19/2012						
Chloride	U	0.500	mg/L							
Nitrate (as N)	U	0.0500	mg/L							
Nitrite (as N)	U	0.0500	mg/L							
LCS (V004929-BS1)				Prepared & Analyzed: 09/19/2012						
Chloride	0.626	0.500	mg/L	0.60000		104	90-110			
Nitrate (as N)	0.470	0.0500	mg/L	0.45454		103	90-110			
Nitrite (as N)	0.584	0.0500	mg/L	0.60606		96	90-110			
Duplicate (V004929-DUP1)		**Source: 12I0394-01**		Prepared & Analyzed: 09/19/2012						
Chloride	257	0.500	mg/L		258			0.2	20	
Nitrate (as N)	U	0.0500	mg/L		ND				20	
Nitrite (as N)	U	0.0500	mg/L		ND				20	
Matrix Spike (V004929-MS1)		**Source: 12I0394-01**		Prepared & Analyzed: 09/19/2012						
Chloride	252	0.500	mg/L	0.60000	258	NR	80-120			E, S
Nitrate (as N)	0.371	0.0500	mg/L	0.45454	ND	82	80-120			
Nitrite (as N)	0.529	0.0500	mg/L	0.60606	ND	87	80-120			
Matrix Spike Dup (V004929-MSD1)		**Source: 12I0394-01**		Prepared & Analyzed: 09/19/2012						
Chloride	253	0.500	mg/L	0.60000	258	NR	80-120	0.4	20	E, S
Nitrate (as N)	0.377	0.0500	mg/L	0.45454	ND	83	80-120	1	20	
Nitrite (as N)	0.554	0.0500	mg/L	0.60606	ND	91	80-120	5	20	
Batch V004978 - EPA 300.0/SW 9056A Anions										
Blank (V004978-BLK1)				Prepared & Analyzed: 09/20/2012						
Chloride	U	0.500	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004978 - EPA 300.0/SW 9056A Anions										
LCS (V004978-BS1)				Prepared & Analyzed: 09/20/2012						
Chloride	0.653	0.500	mg/L	0.60000		109	90-110			
Duplicate (V004978-DUP1)		**Source: 12I0431-01**		Prepared & Analyzed: 09/20/2012						
Chloride	77.9	5.00	mg/L		78.1			0.2	20	
Matrix Spike (V004978-MS1)		**Source: 12I0431-01**		Prepared & Analyzed: 09/20/2012						
Chloride	78.1	5.00	mg/L	0.60000	78.1	9	80-120			S
Matrix Spike Dup (V004978-MSD1)		**Source: 12I0431-01**		Prepared & Analyzed: 09/20/2012						
Chloride	77.4	5.00	mg/L	0.60000	78.1	NR	80-120	1	20	S

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004932 - EPA 160.1/SM 2540C TDS										
Blank (V004932-BLK1)				Prepared: 09/20/2012 Analyzed: 09/21/2012						
Total Dissolved Solids	U	100	mg/L							
LCS (V004932-BS1)				Prepared: 09/20/2012 Analyzed: 09/21/2012						
Total Dissolved Solids	928	100	mg/L	1000.0		93	80-120			
Duplicate (V004932-DUP1)		**Source: 12I0432-07**		Prepared: 09/20/2012 Analyzed: 09/21/2012						
Total Dissolved Solids	428	100	mg/L		444			4	10	
Batch V004935 - EPA 160.2/SM 2540D TSS										
Blank (V004935-BLK1)				Prepared & Analyzed: 09/20/2012						
Total Suspended Solids	U	4.00	mg/L							
LCS (V004935-BS1)				Prepared & Analyzed: 09/20/2012						
Total Suspended Solids	93.0	8.00	mg/L	100.00		93	80-120			
Duplicate (V004935-DUP1)		**Source: 12I0405-01**		Prepared & Analyzed: 09/20/2012						
Total Suspended Solids	73.5	4.00	mg/L		73.0			0.7	10	
Batch V004941 - EPA 1664A FOG										
Blank (V004941-BLK1)				Prepared: 09/20/2012 Analyzed: 09/21/2012						
Oil and Grease	U	1.00	mg/L							
LCS (V004941-BS1)				Prepared: 09/20/2012 Analyzed: 09/21/2012						
Oil and Grease	19.1	1.00	mg/L	20.000		96	78-114			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004941 - EPA 1664A FOG										
LCS Dup (V004941-BSD1)				Prepared: 09/20/2012 Analyzed: 09/21/2012						
Oil and Grease	19.0	1.00	mg/L	20.000		95	78-114	0.5	18	
Matrix Spike (V004941-MS1)		**Source: 12I0378-02**		Prepared: 09/20/2012 Analyzed: 09/21/2012						
Oil and Grease	79.6	1.00	mg/L	41.667	42.8	88	78-114			
Batch V004948 - SM 3500-Cr D/SW 7196A Chromium VI										
Blank (V004948-BLK1)				Prepared & Analyzed: 09/21/2012						
Hexavalent Chromium	U	0.0100	mg/L							
LCS (V004948-BS1)				Prepared & Analyzed: 09/21/2012						
Hexavalent Chromium	0.100	0.0100	mg/L	0.10000		100	80-120			
Matrix Spike (V004948-MS1)		**Source: 12I0392-02**		Prepared & Analyzed: 09/21/2012						
Hexavalent Chromium	0.0105	0.0100	mg/L	0.10000	0.00566	5	80-120			S
Matrix Spike Dup (V004948-MSD1)		**Source: 12I0392-02**		Prepared & Analyzed: 09/21/2012						
Hexavalent Chromium	0.0134	0.0100	mg/L	0.10000	0.00566	8	80-120	24	15	R, S
Batch V004961 - EPA 350.3/SM 4500-NH3 F Ammonia										
Blank (V004961-BLK1)				Prepared & Analyzed: 09/21/2012						
Ammonia (as N)	U	0.100	mg/L							
LCS (V004961-BS1)				Prepared & Analyzed: 09/21/2012						
Ammonia (as N)	5.36	0.100	mg/L	5.0000		107	80-120			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V004961 - EPA 350.3/SM 4500-NH3 F Ammonia										
Duplicate (V004961-DUP1)		**Source: 12I0400-01**		Prepared & Analyzed: 09/21/2012						
Ammonia (as N)	0.533	0.100	mg/L		0.501			6	20	
Matrix Spike (V004961-MS1)		**Source: 12I0400-01**		Prepared & Analyzed: 09/21/2012						
Ammonia (as N)	5.63	0.100	mg/L	5.0000	0.501	103	80-120			
Matrix Spike Dup (V004961-MSD1)		**Source: 12I0400-01**		Prepared & Analyzed: 09/21/2012						
Ammonia (as N)	5.72	0.100	mg/L	5.0000	0.501	104	80-120	2	20	
Batch V004985 - EPA 365.2/SM 4500-P B Phosphorus										
Blank (V004985-BLK1)				Prepared & Analyzed: 09/21/2012						
Phosphorus	U	0.0500	mg/L							
LCS (V004985-BS1)				Prepared & Analyzed: 09/21/2012						
Phosphorus	0.264	0.0500	mg/L	0.25000		105	80-120			
LCS Dup (V004985-BSD1)				Prepared & Analyzed: 09/21/2012						
Phosphorus	0.253	0.0500	mg/L	0.25000		101	80-120	4	20	
Duplicate (V004985-DUP1)		**Source: 12I0400-03**		Prepared & Analyzed: 09/21/2012						
Phosphorus	0.326	0.0500	mg/L		0.305			7	20	
Matrix Spike (V004985-MS1)		**Source: 12I0400-03**		Prepared & Analyzed: 09/21/2012						
Phosphorus	0.629	0.250	mg/L	0.25000	0.305	130	80-120			S
Matrix Spike Dup (V004985-MSD1)		**Source: 12I0400-03**		Prepared & Analyzed: 09/21/2012						
Phosphorus	0.560	0.250	mg/L	0.25000	0.305	102	80-120	12	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V005011 - SM 2510B Conductivity										
Blank (V005011-BLK1)				Prepared & Analyzed: 09/24/2012						
Conductivity	U	10.0	µmhos/cm							
LCS (V005011-BS1)				Prepared & Analyzed: 09/24/2012						
Conductivity	951	10.0	µmhos/cm	1000.0		95	80-120			
Duplicate (V005011-DUP1)		**Source: 12I0400-03**		Prepared & Analyzed: 09/24/2012						
Conductivity	676	10.0	µmhos/cm		671			0.7	20	
Batch V005070 - EPA 351.4/SM 4500-Norg C TKN										
Blank (V005070-BLK1)				Prepared: 09/24/2012 Analyzed: 09/26/2012						
Total Kjeldahl Nitrogen	U	0.500	mg/L							
LCS (V005070-BS1)				Prepared: 09/24/2012 Analyzed: 09/26/2012						
Total Kjeldahl Nitrogen	4.02	0.500	mg/L	5.0000		80	70-130			
LCS Dup (V005070-BSD1)				Prepared: 09/24/2012 Analyzed: 09/26/2012						
Total Kjeldahl Nitrogen	3.34	0.500	mg/L	5.0000		67	70-130	18	20	S
Duplicate (V005070-DUP1)		**Source: 12I0457-01**		Prepared: 09/24/2012 Analyzed: 09/26/2012						
Total Kjeldahl Nitrogen	46.0	2.50	mg/L		44.4			4	20	
Matrix Spike (V005070-MS1)		**Source: 12I0457-01**		Prepared: 09/24/2012 Analyzed: 09/26/2012						
Total Kjeldahl Nitrogen	65.5	2.50	mg/L	25.000	44.4	85	70-130			
Matrix Spike Dup (V005070-MSD1)		**Source: 12I0457-01**		Prepared: 09/24/2012 Analyzed: 09/26/2012						
Total Kjeldahl Nitrogen	70.5	2.50	mg/L	25.000	44.4	105	70-130	7	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120390.30 **Lab Order:** 12I0400

Notes and Definitions

S	Spike recovery outside acceptance limits.
R	RPD outside acceptance limits.
I	Matrix interference.
E	Result above quantitation range.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
Chicago IL Office - 9114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680
Central/Southern IL Office - Phone (217) 414-7762 - Facsimile (217) 223-7922

Prairie Analytical Systems, INCORPORATED
www.prairieanalytical.com

Client	Baxter & Woodman
Address	8678 Ridgefield Rd.
City, State, Zip Code	Crystal Lake 60012
Phone / Facsimile	(815) 459-1260
Project Name / Number	Winnetka 120390.30
Project Location	Winnetka
P.O. # or Invoice To	Baxter & Woodman
Contact Person	Lindsey Zuer

Reporting: TACO ☐ Resid ☐ Ind/Comm; CALM ☐ A ☐ D ☐ B ☐ E ☐ C ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	NO_3, NO_2, TSS, TDS	phosphorus	TKN, NH3	FOG	Conductivity	chloride	Total Metals	Dissolved Metals	Cr (hexavalent, total)	Sampler Comments
2	9/18/12	2:30 pm			6		✓	X	X	X	X	X	X	X	X	X	7.76-9.40
3	9/18/12	10:46 am			6		✓	X	X	X	X	X	X	X	X	X	7.58-9.53
~~4~~	~~9/18/12~~	~~11:55 am~~ dup			6		✓	X	X	X	X	X	X	X	X	X	
5	9/18/12	1:22 pm			6		✓	X	X	X	X	X	X	X	X	X	7.91-9.35

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
[signature]	9/18/12	1635	[signature]	9/18/12	1635	
[signature]	9/18/12	1700				
			[signature]	9-19-12	10:55	UPS

Special Instructions: Ten metals (As, Cd, Cr, Cu, Pb, Hg, Ni, Zn, Se, Ag)
L Zuer phone (847.477.5542 (cell))

Turnaround Time: Standard ☑ Rush ☐
Date Required:

QC Level: 1☐ 2☒ 3☐ 4☐

On wet ice? (Yes) No

Temperature (°C): 1.5

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

Thursday, October 4, 2012

Lindsey Zuer

Baxter & Woodman, Inc.
8678 Ridgefield Road
Crystal Lake, IL 60012

TEL: (815) 459-1260

FAX: (815) 455-0450

RE: Winnetka (120340-30) Kenilworth (Skokie Ditch) PAS WO: 12I0556

Prairie Analytical Systems, Inc. received 2 sample(s) on 9/25/2012 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

Prairie Analytical Systems, Inc. **Date:** 10/4/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556
Client Sample ID: W 3 **Lab ID:** 12I0556-01
Collection Date: 9/25/12 12:00 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Anions by Ion Chromatography									
***Chloride**	**32.5**	5.00		mg/L	10	9/26/12 18:00	9/26/12 22:21	EPA 300.0	JHN
***Nitrate (as N)**	**0.480**	0.0500		mg/L	1	9/26/12 18:00	9/26/12 22:39	EPA 300.0	JHN
*Nitrite (as N)	U	0.0500		mg/L	1	9/26/12 18:00	9/26/12 22:39	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**1.31**	0.100		mg/L	1	10/1/12 9:57	10/1/12 13:18	EPA 350.3	RSR
Conductivity	**388**	10.0		µmhos/cm	1	10/1/12 14:16	10/1/12 14:20	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**3.77**	0.500		mg/L	1	9/26/12 0:00	9/27/12 11:19	EPA 351.4	AJD
***Oil and Grease**	**1.98**	1.00		mg/L	1	9/26/12 16:12	9/27/12 15:21	EPA 1664A	SLS
***Phosphorus**	**0.983**	0.0500		mg/L	2	10/1/12 11:30	10/1/12 16:30	EPA 365.2	AJD
***Total Dissolved Solids**	**266**	110		mg/L	1	9/27/12 13:57	9/28/12 10:00	EPA 160.1	CMH
***Total Suspended Solids**	**105**	8.00		mg/L	1	9/27/12 11:14	9/27/12 16:11	EPA 160.2	CMH

Prairie Analytical Systems, Inc. **Date:** 10/4/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556
Client Sample ID: K 1 **Lab ID:** 12I0556-02
Collection Date: 9/25/12 13:00 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Anions by Ion Chromatography									
***Chloride**	**96.7**	5.00		mg/L	10	9/26/12 18:00	9/27/12 0:12	EPA 300.0	JHN
***Nitrate (as N)**	**1.72**	0.0500		mg/L	1	9/26/12 18:00	9/27/12 0:30	EPA 300.0	JHN
*Nitrite (as N)	U	0.0500		mg/L	1	9/26/12 18:00	9/27/12 0:30	EPA 300.0	JHN
Conventional Chemistry Parameters									
*Ammonia (as N)	U	0.100		mg/L	1	10/1/12 9:57	10/1/12 13:18	EPA 350.3	RSR
Conductivity	**758**	10.0		µmhos/cm	1	10/1/12 14:16	10/1/12 14:21	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**3.12**	0.500		mg/L	1	9/26/12 0:00	9/27/12 11:19	EPA 351.4	AJD
*Oil and Grease	U	1.00		mg/L	1	9/26/12 16:12	9/27/12 15:21	EPA 1664A	SLS
***Phosphorus**	**0.280**	0.125		mg/L	5	10/1/12 11:30	10/1/12 16:30	EPA 365.2	AJD
***Total Dissolved Solids**	**544**	110		mg/L	1	9/27/12 13:57	9/28/12 10:00	EPA 160.1	CMH
***Total Suspended Solids**	**29.0**	4.00		mg/L	1	9/27/12 11:14	9/27/12 16:11	EPA 160.2	CMH
Microbiological Parameters									
***Fecal Coliform**	**300**	99		no./100 mL	100	9/25/12 16:00	9/26/12 14:15	SM 9222D	DAB

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V005073 - EPA 300.0/SW 9056A Anions										
Blank (V005073-BLK1)				Prepared & Analyzed: 09/26/2012						
Chloride	U	0.500	mg/L							
Nitrate (as N)	U	0.0500	mg/L							
Nitrite (as N)	U	0.0500	mg/L							
LCS (V005073-BS1)				Prepared & Analyzed: 09/26/2012						
Chloride	0.631	0.500	mg/L	0.60000		105	90-110			
Nitrate (as N)	0.438	0.0500	mg/L	0.45454		96	90-110			
Nitrite (as N)	0.579	0.0500	mg/L	0.60606		96	90-110			
Duplicate (V005073-DUP1)		**Source: 12I0432-10**		Prepared & Analyzed: 09/26/2012						
Chloride	7.50	0.500	mg/L		7.50			0.05	20	
Nitrate (as N)	U	0.0500	mg/L		ND				20	
Nitrite (as N)	U	0.0500	mg/L		ND				20	
Matrix Spike (V005073-MS1)		**Source: 12I0432-10**		Prepared & Analyzed: 09/26/2012						
Chloride	8.12	0.500	mg/L	0.60000	7.50	102	80-120			
Nitrate (as N)	0.472	0.0500	mg/L	0.45454	ND	104	80-120			
Nitrite (as N)	0.482	0.0500	mg/L	0.60606	ND	80	80-120			S
Matrix Spike Dup (V005073-MSD1)		**Source: 12I0432-10**		Prepared & Analyzed: 09/26/2012						
Chloride	8.12	0.500	mg/L	0.60000	7.50	102	80-120	0.004	20	
Nitrate (as N)	0.444	0.0500	mg/L	0.45454	ND	98	80-120	6	20	
Nitrite (as N)	0.480	0.0500	mg/L	0.60606	ND	79	80-120	0.4	20	S

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V005064 - EPA 1664A FOG										
Blank (V005064-BLK1)				Prepared: 09/26/2012 Analyzed: 09/27/2012						
Oil and Grease	U	1.00	mg/L							
LCS (V005064-BS1)				Prepared: 09/26/2012 Analyzed: 09/27/2012						
Oil and Grease	19.6	1.00	mg/L	20.000		98	78-114			
LCS Dup (V005064-BSD1)				Prepared: 09/26/2012 Analyzed: 09/27/2012						
Oil and Grease	20.0	1.00	mg/L	20.000		100	78-114	2	18	
Batch V005083 - EPA 160.2/SM 2540D TSS										
Blank (V005083-BLK1)				Prepared & Analyzed: 09/27/2012						
Total Suspended Solids	U	2.00	mg/L							
LCS (V005083-BS1)				Prepared & Analyzed: 09/27/2012						
Total Suspended Solids	105	8.00	mg/L	100.00		105	80-120			
Duplicate (V005083-DUP1)		**Source: 12I0566-01**		Prepared & Analyzed: 09/27/2012						
Total Suspended Solids	3.50	4.00	mg/L		3.00			15	10	S
Batch V005085 - EPA 160.1/SM 2540C TDS										
Blank (V005085-BLK1)				Prepared: 09/27/2012 Analyzed: 09/28/2012						
Total Dissolved Solids	U	110	mg/L							
LCS (V005085-BS1)				Prepared: 09/27/2012 Analyzed: 09/28/2012						
Total Dissolved Solids	972	100	mg/L	1000.0		97	80-120			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V005085 - EPA 160.1/SM 2540C TDS										
Duplicate (V005085-DUP1)		**Source: 12I0556-02**		Prepared: 09/27/2012 Analyzed: 09/28/2012						
Total Dissolved Solids	510	100	mg/L		544			6	10	
Batch V005101 - EPA 351.4/SM 4500-Norg C TKN										
Blank (V005101-BLK1)				Prepared: 09/26/2012 Analyzed: 09/27/2012						
Total Kjeldahl Nitrogen	U	0.500	mg/L							
LCS (V005101-BS1)				Prepared: 09/26/2012 Analyzed: 09/27/2012						
Total Kjeldahl Nitrogen	5.69	0.500	mg/L	5.0000		114	70-130			
LCS Dup (V005101-BSD1)				Prepared: 09/26/2012 Analyzed: 09/27/2012						
Total Kjeldahl Nitrogen	5.62	0.500	mg/L	5.0000		112	70-130	1	20	
Duplicate (V005101-DUP1)		**Source: 12I0430-03**		Prepared: 09/26/2012 Analyzed: 09/27/2012						
Total Kjeldahl Nitrogen	3.82	0.500	mg/L		3.80			0.5	20	
Matrix Spike (V005101-MS1)		**Source: 12I0430-03**		Prepared: 09/26/2012 Analyzed: 09/27/2012						
Total Kjeldahl Nitrogen	7.24	0.500	mg/L	5.0000	3.80	69	70-130			S
Matrix Spike Dup (V005101-MSD1)		**Source: 12I0430-03**		Prepared: 09/26/2012 Analyzed: 09/27/2012						
Total Kjeldahl Nitrogen	12.1	0.820	mg/L	8.1967	3.80	102	70-130	51	20	R
Batch V005153 - SM 2510B Conductivity										
Blank (V005153-BLK1)				Prepared & Analyzed: 10/01/2012						
Conductivity	U	10.0	µmhos/cm							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V005153 - SM 2510B Conductivity										
LCS (V005153-BS1)				Prepared & Analyzed: 10/01/2012						
Conductivity	873	10.0	µmhos/cm	1000.0		87	80-120			
Duplicate (V005153-DUP1)	**Source: 12I0556-02**			Prepared & Analyzed: 10/01/2012						
Conductivity	758	10.0	µmhos/cm		758			0	20	
Batch V005159 - EPA 350.3/SM 4500-NH3 F Ammonia										
Blank (V005159-BLK1)				Prepared & Analyzed: 10/01/2012						
Ammonia (as N)	U	0.100	mg/L							
LCS (V005159-BS1)				Prepared & Analyzed: 10/01/2012						
Ammonia (as N)	5.32	0.100	mg/L	5.0000		106	80-120			
Duplicate (V005159-DUP1)	**Source: 12I0511-02**			Prepared & Analyzed: 10/01/2012						
Ammonia (as N)	28.8	0.500	mg/L		28.0			3	20	
Matrix Spike (V005159-MS1)	**Source: 12I0511-02**			Prepared & Analyzed: 10/01/2012						
Ammonia (as N)	52.5	0.500	mg/L	25.000	28.0	98	80-120			
Matrix Spike Dup (V005159-MSD1)	**Source: 12I0511-02**			Prepared & Analyzed: 10/01/2012						
Ammonia (as N)	54.5	0.500	mg/L	25.000	28.0	106	80-120	4	20	
Batch V005164 - EPA 365.2/SM 4500-P B Phosphorus										
Blank (V005164-BLK1)				Prepared & Analyzed: 10/01/2012						
Phosphorus	U	0.0500	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V005164 - EPA 365.2/SM 4500-P B Phosphorus										
LCS (V005164-BS1)				Prepared & Analyzed: 10/01/2012						
Phosphorus	0.239	0.0500	mg/L	0.25000		96	80-120			
LCS Dup (V005164-BSD1)				Prepared & Analyzed: 10/01/2012						
Phosphorus	0.260	0.0500	mg/L	0.25000		104	80-120	8	20	
Duplicate (V005164-DUP1)		**Source: 12I0621-01**		Prepared & Analyzed: 10/01/2012						
Phosphorus	2.30	0.625	mg/L		2.09			10	20	
Matrix Spike (V005164-MS1)		**Source: 12I0621-01**		Prepared & Analyzed: 10/01/2012						
Phosphorus	2.56	0.625	mg/L	0.25000	2.09	189	80-120			S
Matrix Spike Dup (V005164-MSD1)		**Source: 12I0621-01**		Prepared & Analyzed: 10/01/2012						
Phosphorus	2.69	0.625	mg/L	0.25000	2.09	241	80-120	5	20	S

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka (120340-30) Kenilworth (Skokie Ditch) **Lab Order:** 12I0556

Notes and Definitions

S	Spike recovery outside acceptance limits.
R	RPD outside acceptance limits.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
Chicago IL Office - 9114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680
Central/Southern IL Office - Phone (217) 414-7762 - Facsimile (217) 223-7922

Prairie Analytical Systems, INCORPORATED
www.prairieanalytical.com

Client	Baxters Woodman
Address	8678 Ridgefield Rd
City, State, Zip Code	Crystal Lake, IL 60012
Phone / Facsimile	(815) 459-1266
Project Name / Number	Winnetka (120340-30) & Kenilworth (Skokie Ditch)
Project Location	Winnetka & Kenilworth
P.O. # or Invoice To	Baxters Woodman
Contact Person	Lindsey Zver

Reporting: TACO ☐ Resid ☐ Ind/Comm; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	TKN, Ammonia	Fecal	TSS, TDS, conductivity, chloride, NO3, NO2	FOG	Phos					Sampler Comments
W-3	9/25/12	12:00pm			4		✓	X		X	X	X					
K-1	9/25/12	1:00pm			5		✓	X	X	X	X	X					

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
[signature]	9/25/12	1545	[signature]	9/25/12	1545	
[signature]	9/25/12	1700				
			[signature]	9-26-12	10:10	UPS

Special Instructions:

Turnaround Time: Standard ☒ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ☒ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C): 4.4

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

Tuesday, November 20, 2012

Lindsey Zuer

Baxter & Woodman, Inc.
8678 Ridgefield Road
Crystal Lake, IL 60012

TEL: (815) 459-1260

FAX: (815) 455-0450

RE: Winnetka 120309.30 PAS WO: 12K0241

Prairie Analytical Systems, Inc. received 2 sample(s) on 11/12/2012 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

Prairie Analytical Systems, Inc. **Date:** 11/20/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241
Client Sample ID: Location 3 **Lab ID:** 12K0241-01
Collection Date: 11/12/12 11:30 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
***Copper**	**0.0378**	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
***Zinc**	**0.0254**	0.0100		mg/L	1	11/15/12 10:53	11/18/12 3:25	EPA 200.8	JTC
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
***Copper**	**0.0289**	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	11/13/12 14:15	11/19/12 13:52	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
***Zinc**	**0.0183**	0.0100		mg/L	1	11/13/12 14:15	11/18/12 2:38	EPA 200.8	JTC
Anions by Ion Chromatography									
***Chloride**	**121**	50.0		mg/L	100	11/13/12 16:00	11/13/12 19:46	EPA 300.0	JHN
***Nitrate (as N)**	**0.961**	0.0500		mg/L	1	11/13/12 16:00	11/13/12 20:23	EPA 300.0	JHN
***Nitrite (as N)**	**1.18**	0.0500		mg/L	1	11/13/12 16:00	11/13/12 20:23	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**1.93**	0.100		mg/L	1	11/14/12 13:16	11/14/12 16:36	EPA 350.3	CEP
*Hexavalent Chromium	U	0.0100	MC	mg/L	1	11/14/12 10:18	11/14/12 10:55	SM 3500-Cr I	CCD
Conductivity	**744**	10.0		µmhos/cm	1	11/19/12 14:43	11/19/12 14:48	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**4.00**	0.500		mg/L	1	11/16/12 12:00	11/19/12 14:25	EPA 351.4	RSR
***Oil and Grease**	**5.83**	1.00		mg/L	1	11/14/12 12:45	11/15/12 15:41	EPA 1664A	SLS
***Phosphorus**	**0.866**	0.0500		mg/L	2	11/15/12 9:40	11/15/12 16:10	EPA 365.2	CMH
***Total Dissolved Solids**	**400**	100		mg/L	1	11/14/12 11:19	11/15/12 9:55	EPA 160.1	CCD
***Total Suspended Solids**	**9.50**	4.00		mg/L	1	11/14/12 9:32	11/14/12 11:35	EPA 160.2	CCD

Prairie Analytical Systems, Inc. **Date:** 11/20/2012

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241
Client Sample ID: Location 4 **Lab ID:** 12K0241-02
Collection Date: 11/12/12 11:00 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
***Copper**	**0.0235**	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
***Zinc**	**0.0120**	0.0100		mg/L	1	11/15/12 10:53	11/18/12 4:10	EPA 200.8	JTC
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Cadmium	U	0.00100		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Chromium	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
***Copper**	**0.0209**	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Lead	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Mercury	U	0.000200		mg/L	1	11/13/12 14:15	11/19/12 14:01	EPA 200.8	JTC
*Nickel	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Selenium	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Silver	U	0.00500		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
*Zinc	U	0.0100		mg/L	1	11/13/12 14:15	11/18/12 2:47	EPA 200.8	JTC
Anions by Ion Chromatography									
***Chloride**	**57.8**	5.00		mg/L	10	11/13/12 16:00	11/13/12 21:00	EPA 300.0	JHN
***Nitrate (as N)**	**0.790**	0.0500		mg/L	1	11/13/12 16:00	11/13/12 21:18	EPA 300.0	JHN
*Nitrite (as N)	U	0.0500		mg/L	1	11/13/12 16:00	11/13/12 21:18	EPA 300.0	JHN
Conventional Chemistry Parameters									
*Ammonia (as N)	U	0.100		mg/L	1	11/14/12 13:16	11/14/12 16:36	EPA 350.3	CEP
*Hexavalent Chromium	U	0.0240	I, MC	mg/L	1	11/14/12 10:18	11/14/12 10:55	SM 3500-Cr I	CCD
Conductivity	**584**	10.0		µmhos/cm	1	11/19/12 14:43	11/19/12 14:48	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**0.725**	0.500		mg/L	1	11/16/12 12:00	11/19/12 14:25	EPA 351.4	RSR
***Oil and Grease**	**1.86**	1.00		mg/L	1	11/14/12 12:45	11/15/12 15:41	EPA 1664A	SLS
***Phosphorus**	**0.363**	0.0500		mg/L	2	11/15/12 9:40	11/15/12 16:10	EPA 365.2	CMH
***Total Dissolved Solids**	**338**	100		mg/L	1	11/14/12 11:19	11/15/12 9:55	EPA 160.1	CCD
*Total Suspended Solids	U	4.00		mg/L	1	11/14/12 9:32	11/14/12 11:35	EPA 160.2	CCD

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006150 - SW 3005A Metals										
Blank (V006150-BLK1)				Prepared: 11/15/2012 Analyzed: 11/16/2012						
Arsenic	U	0.00500	mg/L							
Cadmium	U	0.00100	mg/L							
Chromium	U	0.00500	mg/L							
Copper	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							
Mercury	U	0.000200	mg/L							
Nickel	U	0.00500	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							
Zinc	U	0.0100	mg/L							
LCS (V006150-BS1)				Prepared: 11/15/2012 Analyzed: 11/16/2012						
Arsenic	0.446	0.00500	mg/L	0.50000		89	85-115			
Cadmium	0.476	0.00100	mg/L	0.50000		95	85-115			
Chromium	0.465	0.00500	mg/L	0.50000		93	85-115			
Copper	0.427	0.00500	mg/L	0.50000		85	85-115			
Lead	0.476	0.00500	mg/L	0.50000		95	85-115			
Mercury	0.0183	0.000200	mg/L	0.020000		92	85-115			
Nickel	0.467	0.00500	mg/L	0.50000		93	85-115			
Selenium	0.445	0.00500	mg/L	0.50000		89	85-115			
Silver	0.0478	0.00500	mg/L	0.050000		96	85-115			
Zinc	0.456	0.0100	mg/L	0.50000		91	85-115			
Matrix Spike (V006150-MS1)		**Source: 12K0241-01**		Prepared: 11/15/2012 Analyzed: 11/18/2012						
Arsenic	0.452	0.00500	mg/L	0.50000	0.00125	90	75-125			
Cadmium	0.449	0.00100	mg/L	0.50000	ND	90	75-125			
Chromium	0.475	0.00500	mg/L	0.50000	0.000660	95	75-125			
Copper	0.500	0.00500	mg/L	0.50000	0.0378	92	75-125			
Lead	0.441	0.00500	mg/L	0.50000	0.00133	88	75-125			
Mercury	0.0168	0.000200	mg/L	0.020000	ND	84	75-125			
Nickel	0.475	0.00500	mg/L	0.50000	0.00142	95	75-125			
Selenium	0.441	0.00500	mg/L	0.50000	ND	88	75-125			
Silver	0.0446	0.00500	mg/L	0.050000	ND	89	75-125			
Zinc	0.464	0.0100	mg/L	0.50000	0.0254	88	75-125			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006150 - SW 3005A Metals										
Matrix Spike Dup (V006150-MSD1)		**Source: 12K0241-01**		Prepared: 11/15/2012 Analyzed: 11/18/2012						
Arsenic	0.460	0.00500	mg/L	0.50000	0.00125	92	75-125	2	20	
Cadmium	0.460	0.00100	mg/L	0.50000	ND	92	75-125	2	20	
Chromium	0.484	0.00500	mg/L	0.50000	0.000660	97	75-125	2	20	
Copper	0.508	0.00500	mg/L	0.50000	0.0378	94	75-125	2	20	
Lead	0.450	0.00500	mg/L	0.50000	0.00133	90	75-125	2	20	
Mercury	0.0172	0.000200	mg/L	0.020000	ND	86	75-125	3	20	
Nickel	0.483	0.00500	mg/L	0.50000	0.00142	96	75-125	2	20	
Selenium	0.455	0.00500	mg/L	0.50000	ND	91	75-125	3	20	
Silver	0.0460	0.00500	mg/L	0.050000	ND	92	75-125	3	20	
Zinc	0.470	0.0100	mg/L	0.50000	0.0254	89	75-125	1	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Dissolved Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006104 - SW 3005A Metals										
Blank (V006104-BLK1)				Prepared: 11/13/2012 Analyzed: 11/15/2012						
Arsenic	U	0.00500	mg/L							
Cadmium	U	0.00100	mg/L							
Chromium	U	0.00500	mg/L							
Copper	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							
Mercury	U	0.000200	mg/L							
Nickel	U	0.00500	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							
Zinc	U	0.0100	mg/L							
LCS (V006104-BS1)				Prepared: 11/13/2012 Analyzed: 11/15/2012						
Arsenic	0.486	0.00500	mg/L	0.50000		97	85-115			
Cadmium	0.513	0.00100	mg/L	0.50000		103	85-115			
Chromium	0.502	0.00500	mg/L	0.50000		100	85-115			
Copper	0.499	0.00500	mg/L	0.50000		100	85-115			
Lead	0.496	0.00500	mg/L	0.50000		99	85-115			
Mercury	0.0183	0.000200	mg/L	0.020000		92	85-115			
Nickel	0.520	0.00500	mg/L	0.50000		104	85-115			
Selenium	0.478	0.00500	mg/L	0.50000		96	85-115			
Silver	0.0531	0.00500	mg/L	0.050000		106	85-115			
Zinc	0.498	0.0100	mg/L	0.50000		100	85-115			
Matrix Spike (V006104-MS1)	**Source: 12K0227-02**			Prepared: 11/13/2012 Analyzed: 11/15/2012						
Arsenic	0.464	0.00500	mg/L	0.50000	0.00118	93	75-125			
Cadmium	0.472	0.00100	mg/L	0.50000	0.00106	94	75-125			
Chromium	0.466	0.00500	mg/L	0.50000	0.000899	93	75-125			
Copper	0.442	0.00500	mg/L	0.50000	0.00284	88	75-125			
Lead	0.444	0.00500	mg/L	0.50000	0.00143	89	75-125			
Mercury	0.0167	0.000200	mg/L	0.020000	ND	83	75-125			
Nickel	0.450	0.00500	mg/L	0.50000	0.00988	88	75-125			
Selenium	0.472	0.00500	mg/L	0.50000	ND	94	75-125			
Silver	0.0474	0.00500	mg/L	0.050000	ND	95	75-125			
Zinc	0.440	0.0100	mg/L	0.50000	0.0118	86	75-125			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Dissolved Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006104 - SW 3005A Metals										
Matrix Spike Dup (V006104-MSD1)		**Source: 12K0227-02**		Prepared: 11/13/2012 Analyzed: 11/15/2012						
Arsenic	0.478	0.00500	mg/L	0.50000	0.00118	95	75-125	3	20	
Cadmium	0.487	0.00100	mg/L	0.50000	0.00106	97	75-125	3	20	
Chromium	0.470	0.00500	mg/L	0.50000	0.000899	94	75-125	0.9	20	
Copper	0.449	0.00500	mg/L	0.50000	0.00284	89	75-125	2	20	
Lead	0.461	0.00500	mg/L	0.50000	0.00143	92	75-125	4	20	
Mercury	0.0176	0.000200	mg/L	0.020000	ND	88	75-125	5	20	
Nickel	0.466	0.00500	mg/L	0.50000	0.00988	91	75-125	3	20	
Selenium	0.483	0.00500	mg/L	0.50000	ND	97	75-125	2	20	
Silver	0.0489	0.00500	mg/L	0.050000	ND	98	75-125	3	20	
Zinc	0.452	0.0100	mg/L	0.50000	0.0118	88	75-125	3	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006134 - EPA 300.0/SW 9056A Anions										
Blank (V006134-BLK1)				Prepared & Analyzed: 11/13/2012						
Chloride	U	0.500	mg/L							
Nitrate (as N)	U	0.0500	mg/L							
Nitrite (as N)	U	0.0500	mg/L							
LCS (V006134-BS1)				Prepared & Analyzed: 11/13/2012						
Chloride	0.654	0.500	mg/L	0.60000		109	90-110			
Nitrate (as N)	0.459	0.0500	mg/L	0.45454		101	90-110			
Nitrite (as N)	0.610	0.0500	mg/L	0.60606		101	90-110			
Duplicate (V006134-DUP1)		**Source: 12J0481-27**		Prepared: 11/13/2012 Analyzed: 11/14/2012						
Chloride	U	0.500	mg/L		ND				20	
Nitrate (as N)	U	0.0500	mg/L		ND				20	
Nitrite (as N)	3.22	0.0500	mg/L		3.19			1	20	
Matrix Spike (V006134-MS1)		**Source: 12J0481-27**		Prepared: 11/13/2012 Analyzed: 11/14/2012						
Chloride	0.653	0.500	mg/L	0.60000	ND	109	80-120			
Nitrate (as N)	0.470	0.0500	mg/L	0.45454	ND	103	80-120			
Nitrite (as N)	3.80	0.0500	mg/L	0.60606	3.19	101	80-120			
Matrix Spike Dup (V006134-MSD1)		**Source: 12J0481-27**		Prepared: 11/13/2012 Analyzed: 11/14/2012						
Chloride	0.648	0.500	mg/L	0.60000	ND	108	80-120	0.8	20	
Nitrate (as N)	0.455	0.0500	mg/L	0.45454	ND	100	80-120	3	20	
Nitrite (as N)	3.81	0.0500	mg/L	0.60606	3.19	102	80-120	0.2	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006119 - EPA 160.2/SM 2540D TSS										
Blank (V006119-BLK1)				Prepared & Analyzed: 11/14/2012						
Total Suspended Solids	U	2.00	mg/L							
LCS (V006119-BS1)				Prepared & Analyzed: 11/14/2012						
Total Suspended Solids	99.0	8.00	mg/L	100.00		99	80-120			
Duplicate (V006119-DUP1)		**Source: 12K0244-01**		Prepared & Analyzed: 11/14/2012						
Total Suspended Solids	U	4.00	mg/L		ND				10	
Batch V006124 - EPA 160.1/SM 2540C TDS										
Blank (V006124-BLK1)				Prepared: 11/14/2012 Analyzed: 11/15/2012						
Total Dissolved Solids	U	100	mg/L							
LCS (V006124-BS1)				Prepared: 11/14/2012 Analyzed: 11/15/2012						
Total Dissolved Solids	930	100	mg/L	1000.0		93	80-120			
Duplicate (V006124-DUP1)		**Source: 12K0241-01**		Prepared: 11/14/2012 Analyzed: 11/15/2012						
Total Dissolved Solids	406	100	mg/L		400			1	10	
Batch V006125 - EPA 1664A FOG										
Blank (V006125-BLK1)				Prepared: 11/14/2012 Analyzed: 11/15/2012						
Oil and Grease	U	1.00	mg/L							
LCS (V006125-BS1)				Prepared: 11/14/2012 Analyzed: 11/15/2012						
Oil and Grease	18.2	1.00	mg/L	20.000		91	78-114			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006125 - EPA 1664A FOG										
LCS Dup (V006125-BSD1)				Prepared: 11/14/2012 Analyzed: 11/15/2012						
Oil and Grease	18.8	1.00	mg/L	20.000		94	78-114	3	18	
Batch V006145 - EPA 350.3/SM 4500-NH3 F Ammonia										
Blank (V006145-BLK1)				Prepared & Analyzed: 11/14/2012						
Ammonia (as N)	U	0.100	mg/L							
LCS (V006145-BS1)				Prepared & Analyzed: 11/14/2012						
Ammonia (as N)	4.79	0.100	mg/L	5.0000		96	80-120			
Duplicate (V006145-DUP1)		**Source: 12K0241-01**		Prepared & Analyzed: 11/14/2012						
Ammonia (as N)	2.03	0.100	mg/L		1.93			5	20	
Matrix Spike (V006145-MS1)		**Source: 12K0241-01**		Prepared & Analyzed: 11/14/2012						
Ammonia (as N)	7.24	0.100	mg/L	5.0000	1.93	106	80-120			
Matrix Spike Dup (V006145-MSD1)		**Source: 12K0241-01**		Prepared & Analyzed: 11/14/2012						
Ammonia (as N)	7.16	0.100	mg/L	5.0000	1.93	105	80-120	1	20	
Batch V006164 - EPA 365.2/SM 4500-P B Phosphorus										
Blank (V006164-BLK1)				Prepared & Analyzed: 11/15/2012						
Phosphorus	U	0.0500	mg/L							
LCS (V006164-BS1)				Prepared & Analyzed: 11/15/2012						
Phosphorus	0.250	0.0500	mg/L	0.25000		100	80-120			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006164 - EPA 365.2/SM 4500-P B Phosphorus										
LCS Dup (V006164-BSD1)				Prepared & Analyzed: 11/15/2012						
Phosphorus	0.239	0.0500	mg/L	0.25000		96	80-120	4	20	
Duplicate (V006164-DUP1)		**Source: 12K0241-02**		Prepared & Analyzed: 11/15/2012						
Phosphorus	0.377	0.0500	mg/L		0.363			4	20	
Matrix Spike (V006164-MS1)		**Source: 12K0241-02**		Prepared & Analyzed: 11/15/2012						
Phosphorus	0.625	0.0500	mg/L	0.25000	0.363	105	80-120			
Matrix Spike Dup (V006164-MSD1)		**Source: 12K0241-02**		Prepared & Analyzed: 11/15/2012						
Phosphorus	0.639	0.0500	mg/L	0.25000	0.363	110	80-120	2	20	
Batch V006165 - SM 3500-Cr D/SW 7196A Chromium VI										
Blank (V006165-BLK1)				Prepared & Analyzed: 11/14/2012						
Hexavalent Chromium	U	0.0100	mg/L							
LCS (V006165-BS1)				Prepared & Analyzed: 11/14/2012						
Hexavalent Chromium	0.0972	0.0100	mg/L	0.10000		97	80-120			
Matrix Spike (V006165-MS1)		**Source: 12K0241-01**		Prepared & Analyzed: 11/14/2012						
Hexavalent Chromium	0.0903	0.0100	mg/L	0.10000	0.00372	87	80-120			
Matrix Spike Dup (V006165-MSD1)		**Source: 12K0241-01**		Prepared & Analyzed: 11/14/2012						
Hexavalent Chromium	0.0933	0.0100	mg/L	0.10000	0.00372	90	80-120	3	15	
Batch V006229 - SM 2510B Conductivity										
Blank (V006229-BLK1)				Prepared & Analyzed: 11/19/2012						
Conductivity	U	10.0	µmhos/cm							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V006229 - SM 2510B Conductivity										
LCS (V006229-BS1)				Prepared & Analyzed: 11/19/2012						
Conductivity	899	10.0	µmhos/cm	1000.0		90	80-120			
Duplicate (V006229-DUP1)		**Source: 12K0241-02**		Prepared & Analyzed: 11/19/2012						
Conductivity	583	10.0	µmhos/cm		584			0.2	20	
Batch V006237 - EPA 351.4/SM 4500-Norg C TKN										
Blank (V006237-BLK1)				Prepared: 11/16/2012 Analyzed: 11/19/2012						
Total Kjeldahl Nitrogen	U	0.500	mg/L							
LCS (V006237-BS1)				Prepared: 11/16/2012 Analyzed: 11/19/2012						
Total Kjeldahl Nitrogen	5.44	0.500	mg/L	5.0000		109	70-130			
LCS Dup (V006237-BSD1)				Prepared: 11/16/2012 Analyzed: 11/19/2012						
Total Kjeldahl Nitrogen	5.52	0.500	mg/L	5.0000		110	70-130	1	20	
Duplicate (V006237-DUP1)		**Source: 12K0309-01**		Prepared: 11/16/2012 Analyzed: 11/19/2012						
Total Kjeldahl Nitrogen	39.6	2.50	mg/L		39.1			1	20	
Matrix Spike (V006237-MS1)		**Source: 12K0309-01**		Prepared: 11/16/2012 Analyzed: 11/19/2012						
Total Kjeldahl Nitrogen	63.5	2.50	mg/L	25.000	39.1	98	70-130			
Matrix Spike Dup (V006237-MSD1)		**Source: 12K0309-01**		Prepared: 11/16/2012 Analyzed: 11/19/2012						
Total Kjeldahl Nitrogen	65.5	2.50	mg/L	25.000	39.1	106	70-130	3	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 12K0241

Notes and Definitions

MC	Matrix correction performed due to the presence of turbidity.
I	Matrix interference.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
Chicago IL Office - 9114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680
Central/Southern IL Office - Phone (217) 414-7762 - Facsimile (217) 223-7922

Prairie Analytical Systems, INCORPORATED
www.prairieanalytical.com

Client	Baxter & Woodman
Address	8678 Ridgefield Rd
City, State, Zip Code	Crystal Lake, IL 60012
Phone / Facsimile	(815) 459-1260
Project Name / Number	Winnetka 120309.30
Project Location	Winnetka
P.O. # or Invoice To	
Contact Person	Lindsey Zver

Reporting: TACO ☐ Resid ☐ Ind/Comm; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	NO_3, NO_2, TSS, TDS	Phosphorus	TKN, NH_3	FOG	Conductivity	Chloride	Dissolved Metals	Total Metals	Chromium (hexavalent, total)	Sampler Comments
location 3	11/12/12	11:30						X	X	X	X	X	X	X	X	X	DH / Vol. 7.89 / 9.61
location 4	11/12/12	11:00						X	X	X	X	X	X	X	X	X	7.88 / 9.65

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
[signature]	11/12/12	1400	[signature]	11/12/12	14:00	
[signature]	11/12/12	1700				
			[signature]	11-13-12	11:15	UPS

Special Instructions:

Turnaround Time: Standard ☑ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ☑ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C): 2.8

Wednesday, March 20, 2013

Lindsey Zver

Baxter & Woodman, Inc.
8678 Ridgefield Road
Crystal Lake, IL 60012

TEL: (815) 459-1260

FAX: (815) 455-0450

RE: Winnetka 120309.30 PAS WO: 13C0261

Prairie Analytical Systems, Inc. received 3 sample(s) on 3/11/2013 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

Prairie Analytical Systems, Inc. **Date:** 3/20/2013

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261
Client Sample ID: Location 2 **Lab ID:** 13C0261-01
Collection Date: 3/11/13 11:10 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:30	EPA 200.8	JHN
*Cadmium	U	0.00100		mg/L	1	3/14/13 13:49	3/18/13 1:30	EPA 200.8	JHN
*Mercury	U	0.000200		mg/L	1	3/14/13 13:49	3/18/13 1:30	EPA 200.8	JHN
*Selenium	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:30	EPA 200.8	JHN
*Silver	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:30	EPA 200.8	JHN
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:04	EPA 200.8	JHN
*Cadmium	U	0.00100		mg/L	1	3/15/13 10:45	3/18/13 1:04	EPA 200.8	JHN
*Mercury	U	0.000200		mg/L	1	3/15/13 10:45	3/18/13 1:04	EPA 200.8	JHN
*Selenium	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:04	EPA 200.8	JHN
*Silver	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:04	EPA 200.8	JHN
Metals by ICP									
*Chromium	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:47	EPA 200.7	JHN
***Copper**	**0.0204**	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:47	EPA 200.7	JHN
***Lead**	**0.00796**	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:47	EPA 200.7	JHN
*Nickel	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:47	EPA 200.7	JHN
***Zinc**	**0.0217**	0.0100		mg/L	1	3/14/13 13:49	3/17/13 11:47	EPA 200.7	JHN
Dissolved Metals by ICP									
*Chromium	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:35	EPA 200.7	JHN
***Copper**	**0.0146**	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:35	EPA 200.7	JHN
*Lead	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:35	EPA 200.7	JHN
*Nickel	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:35	EPA 200.7	JHN
***Zinc**	**0.0124**	0.0100		mg/L	1	3/15/13 10:45	3/17/13 11:35	EPA 200.7	JHN
Anions by Ion Chromatography									
***Chloride**	**107**	50.0		mg/L	100	3/16/13 8:30	3/16/13 18:48	EPA 300.0	JHN
***Nitrate (as N)**	**0.260**	0.0500		mg/L	1	3/16/13 8:30	3/16/13 21:53	EPA 300.0	JHN
***Nitrite (as N)**	**0.272**	0.0500		mg/L	1	3/16/13 8:30	3/16/13 21:53	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**0.288**	0.100		mg/L	1	3/18/13 9:38	3/18/13 12:13	EPA 350.3	CMH
*Hexavalent Chromium	U	0.0100	MC	mg/L	1	3/14/13 11:20	3/14/13 11:34	SM 3500-Cr I	CCD
Conductivity	**588**	10.0		µmhos/cm	1	3/18/13 16:01	3/18/13 16:07	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**1.11**	0.500		mg/L	1	3/14/13 9:27	3/15/13 11:36	EPA 351.4	CMH
*Oil and Grease	U	1.00		mg/L	1	3/19/13 17:05	3/20/13 15:39	EPA 1664A	SLS
***Phosphorus**	**0.289**	0.125		mg/L	5	3/18/13 10:13	3/19/13 10:01	EPA 365.2	CCD
***Total Dissolved Solids**	**306**	100		mg/L	1	3/15/13 12:20	3/15/13 15:46	EPA 160.1	CCD
***Total Suspended Solids**	**11.0**	8.00		mg/L	1	3/14/13 15:39	3/15/13 11:27	EPA 160.2	CCD

Prairie Analytical Systems, Inc. **Date:** 3/20/2013

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261
Client Sample ID: Location 3 **Lab ID:** 13C0261-02
Collection Date: 3/11/13 11:50 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:39	EPA 200.8	JHN
*Cadmium	U	0.00100		mg/L	1	3/14/13 13:49	3/18/13 1:39	EPA 200.8	JHN
*Mercury	U	0.000200		mg/L	1	3/14/13 13:49	3/18/13 1:39	EPA 200.8	JHN
*Selenium	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:39	EPA 200.8	JHN
*Silver	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:39	EPA 200.8	JHN
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:13	EPA 200.8	JHN
*Cadmium	U	0.00100		mg/L	1	3/15/13 10:45	3/18/13 1:13	EPA 200.8	JHN
*Mercury	U	0.000200		mg/L	1	3/15/13 10:45	3/18/13 1:13	EPA 200.8	JHN
*Selenium	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:13	EPA 200.8	JHN
*Silver	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:13	EPA 200.8	JHN
Metals by ICP									
*Chromium	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:51	EPA 200.7	JHN
***Copper**	**0.0153**	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:51	EPA 200.7	JHN
*Lead	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:51	EPA 200.7	JHN
*Nickel	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:51	EPA 200.7	JHN
***Zinc**	**0.0236**	0.0100		mg/L	1	3/14/13 13:49	3/17/13 11:51	EPA 200.7	JHN
Dissolved Metals by ICP									
*Chromium	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:39	EPA 200.7	JHN
***Copper**	**0.0103**	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:39	EPA 200.7	JHN
*Lead	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:39	EPA 200.7	JHN
*Nickel	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:39	EPA 200.7	JHN
***Zinc**	**0.0129**	0.0100		mg/L	1	3/15/13 10:45	3/17/13 11:39	EPA 200.7	JHN
Anions by Ion Chromatography									
***Chloride**	**189**	50.0		mg/L	100	3/16/13 8:30	3/16/13 19:25	EPA 300.0	JHN
***Nitrate (as N)**	**0.184**	0.0500		mg/L	1	3/16/13 8:30	3/16/13 22:30	EPA 300.0	JHN
***Nitrite (as N)**	**0.214**	0.0500		mg/L	1	3/16/13 8:30	3/16/13 22:30	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**0.270**	0.100		mg/L	1	3/18/13 9:38	3/18/13 12:13	EPA 350.3	CMH
*Hexavalent Chromium	U	0.0100	MC	mg/L	1	3/14/13 11:20	3/14/13 11:34	SM 3500-Cr I	CCD
Conductivity	**841**	10.0		µmhos/cm	1	3/18/13 16:01	3/18/13 16:07	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**1.15**	0.500		mg/L	1	3/14/13 9:27	3/15/13 11:36	EPA 351.4	CMH
*Oil and Grease	U	1.00		mg/L	1	3/19/13 17:05	3/20/13 15:39	EPA 1664A	SLS
***Phosphorus**	**0.260**	0.0500		mg/L	2	3/18/13 10:13	3/19/13 10:01	EPA 365.2	CCD
***Total Dissolved Solids**	**440**	100		mg/L	1	3/15/13 12:20	3/15/13 15:46	EPA 160.1	CCD
*Total Suspended Solids	U	8.00		mg/L	1	3/14/13 15:39	3/15/13 11:27	EPA 160.2	CCD

Prairie Analytical Systems, Inc. **Date:** 3/20/2013

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261
Client Sample ID: Location 5 **Lab ID:** 13C0261-03
Collection Date: 3/11/13 12:50 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:48	EPA 200.8	JHN
*Cadmium	U	0.00100		mg/L	1	3/14/13 13:49	3/18/13 1:48	EPA 200.8	JHN
*Mercury	U	0.000200		mg/L	1	3/14/13 13:49	3/18/13 1:48	EPA 200.8	JHN
*Selenium	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:48	EPA 200.8	JHN
*Silver	U	0.00500		mg/L	1	3/14/13 13:49	3/18/13 1:48	EPA 200.8	JHN
Dissolved Metals by ICP-MS									
*Arsenic	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:21	EPA 200.8	JHN
*Cadmium	U	0.00100		mg/L	1	3/15/13 10:45	3/18/13 1:21	EPA 200.8	JHN
*Mercury	U	0.000200		mg/L	1	3/15/13 10:45	3/18/13 1:21	EPA 200.8	JHN
*Selenium	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:21	EPA 200.8	JHN
*Silver	U	0.00500		mg/L	1	3/15/13 10:45	3/18/13 1:21	EPA 200.8	JHN
Metals by ICP									
*Chromium	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:55	EPA 200.7	JHN
*Copper	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:55	EPA 200.7	JHN
*Lead	U	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:55	EPA 200.7	JHN
***Nickel**	**0.00585**	0.00500		mg/L	1	3/14/13 13:49	3/17/13 11:55	EPA 200.7	JHN
***Zinc**	**0.0716**	0.0100		mg/L	1	3/14/13 13:49	3/17/13 11:55	EPA 200.7	JHN
Dissolved Metals by ICP									
*Chromium	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:43	EPA 200.7	JHN
*Copper	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:43	EPA 200.7	JHN
*Lead	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:43	EPA 200.7	JHN
*Nickel	U	0.00500		mg/L	1	3/15/13 10:45	3/17/13 11:43	EPA 200.7	JHN
***Zinc**	**0.0179**	0.0100		mg/L	1	3/15/13 10:45	3/17/13 11:43	EPA 200.7	JHN
Anions by Ion Chromatography									
***Chloride**	**134**	50.0		mg/L	100	3/16/13 8:30	3/16/13 20:02	EPA 300.0	JHN
***Nitrate (as N)**	**0.150**	0.0500		mg/L	1	3/16/13 8:30	3/16/13 23:07	EPA 300.0	JHN
***Nitrite (as N)**	**0.140**	0.0500		mg/L	1	3/16/13 8:30	3/16/13 23:07	EPA 300.0	JHN
Conventional Chemistry Parameters									
***Ammonia (as N)**	**0.272**	0.100		mg/L	1	3/18/13 9:38	3/18/13 12:13	EPA 350.3	CMH
*Hexavalent Chromium	U	0.0100	MC	mg/L	1	3/14/13 11:20	3/14/13 11:34	SM 3500-Cr I	CCD
Conductivity	**618**	10.0		µmhos/cm	1	3/18/13 16:01	3/18/13 16:07	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**1.42**	0.500		mg/L	1	3/14/13 9:27	3/15/13 11:36	EPA 351.4	CMH
*Oil and Grease	U	1.00		mg/L	1	3/19/13 17:05	3/20/13 15:39	EPA 1664A	SLS
***Phosphorus**	**0.0983**	0.0500		mg/L	2	3/18/13 10:13	3/19/13 10:01	EPA 365.2	CCD
***Total Dissolved Solids**	**314**	100		mg/L	1	3/15/13 12:20	3/15/13 15:46	EPA 160.1	CCD
***Total Suspended Solids**	**49.0**	4.00		mg/L	1	3/14/13 15:39	3/15/13 11:27	EPA 160.2	CCD

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001275 - SW 3005A Metals										
Blank (W001275-BLK1)				Prepared & Analyzed: 03/14/2013						
Arsenic	U	0.00500	mg/L							
Cadmium	U	0.00100	mg/L							
Mercury	U	0.000200	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							
LCS (W001275-BS1)				Prepared & Analyzed: 03/14/2013						
Arsenic	0.484	0.00500	mg/L	0.50000		97	85-115			
Cadmium	0.539	0.00100	mg/L	0.50000		108	85-115			
Mercury	0.0184	0.000200	mg/L	0.020000		92	85-115			
Selenium	0.480	0.00500	mg/L	0.50000		96	85-115			
Silver	0.0509	0.00500	mg/L	0.050000		102	85-115			
Matrix Spike (W001275-MS1)		**Source: 13C0261-01**		Prepared: 03/14/2013 Analyzed: 03/18/2013						
Arsenic	0.487	0.00500	mg/L	0.50000	0.00193	97	75-125			
Cadmium	0.490	0.00100	mg/L	0.50000	ND	98	75-125			
Mercury	0.0174	0.000200	mg/L	0.020000	ND	87	75-125			
Selenium	0.476	0.00500	mg/L	0.50000	ND	95	75-125			
Silver	0.0436	0.00500	mg/L	0.050000	ND	87	75-125			
Matrix Spike Dup (W001275-MSD1)		**Source: 13C0261-01**		Prepared: 03/14/2013 Analyzed: 03/18/2013						
Arsenic	0.482	0.00500	mg/L	0.50000	0.00193	96	75-125	1	20	
Cadmium	0.492	0.00100	mg/L	0.50000	ND	98	75-125	0.4	20	
Mercury	0.0172	0.000200	mg/L	0.020000	ND	86	75-125	1	20	
Selenium	0.472	0.00500	mg/L	0.50000	ND	94	75-125	0.8	20	
Silver	0.0436	0.00500	mg/L	0.050000	ND	87	75-125	0.1	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Dissolved Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001305 - SW 3005A Metals										
Blank (W001305-BLK1)				Prepared: 03/15/2013 Analyzed: 03/17/2013						
Arsenic	U	0.00500	mg/L							
Cadmium	U	0.00100	mg/L							
Mercury	U	0.000200	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							
LCS (W001305-BS1)				Prepared: 03/15/2013 Analyzed: 03/17/2013						
Arsenic	0.456	0.00500	mg/L	0.50000		91	85-115			
Cadmium	0.489	0.00100	mg/L	0.50000		98	85-115			
Mercury	0.0177	0.000200	mg/L	0.020000		88	85-115			
Selenium	0.489	0.00500	mg/L	0.50000		98	85-115			
Silver	0.0488	0.00500	mg/L	0.050000		98	85-115			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001274 - SW 3005A Metals										
Blank (W001274-BLK1)				Prepared & Analyzed: 03/14/2013						
Chromium	U	0.00500	mg/L							
Copper	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							
Nickel	U	0.00500	mg/L							
Zinc	U	0.0100	mg/L							
LCS (W001274-BS1)				Prepared & Analyzed: 03/14/2013						
Chromium	0.492	0.00500	mg/L	0.50000		98	85-115			
Copper	0.507	0.00500	mg/L	0.50000		101	85-115			
Lead	0.490	0.00500	mg/L	0.50000		98	85-115			
Nickel	0.486	0.00500	mg/L	0.50000		97	85-115			
Zinc	0.483	0.0100	mg/L	0.50000		97	85-115			
Matrix Spike (W001274-MS1)	**Source: 13C0261-01**			Prepared: 03/14/2013 Analyzed: 03/17/2013						
Chromium	0.504	0.00500	mg/L	0.50000	0.00269	100	75-125			
Copper	0.533	0.00500	mg/L	0.50000	0.0204	103	75-125			
Lead	0.501	0.00500	mg/L	0.50000	0.00796	99	75-125			
Nickel	0.501	0.00500	mg/L	0.50000	0.00362	99	75-125			
Zinc	0.520	0.0100	mg/L	0.50000	0.0217	100	75-125			
Matrix Spike Dup (W001274-MSD1)	**Source: 13C0261-01**			Prepared: 03/14/2013 Analyzed: 03/17/2013						
Chromium	0.504	0.00500	mg/L	0.50000	0.00269	100	75-125	0.008	20	
Copper	0.527	0.00500	mg/L	0.50000	0.0204	101	75-125	1	20	
Lead	0.503	0.00500	mg/L	0.50000	0.00796	99	75-125	0.4	20	
Nickel	0.501	0.00500	mg/L	0.50000	0.00362	100	75-125	0.06	20	
Zinc	0.520	0.0100	mg/L	0.50000	0.0217	100	75-125	0.02	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Dissolved Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001304 - SW 3005A Metals										
Blank (W001304-BLK1)				Prepared: 03/15/2013 Analyzed: 03/17/2013						
Chromium	U	0.00500	mg/L							
Copper	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							
Nickel	U	0.00500	mg/L							
Zinc	U	0.0100	mg/L							
LCS (W001304-BS1)				Prepared: 03/15/2013 Analyzed: 03/17/2013						
Chromium	0.481	0.00500	mg/L	0.50000		96	85-115			
Copper	0.488	0.00500	mg/L	0.50000		98	85-115			
Lead	0.479	0.00500	mg/L	0.50000		96	85-115			
Nickel	0.478	0.00500	mg/L	0.50000		96	85-115			
Zinc	0.479	0.0100	mg/L	0.50000		96	85-115			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001327 - EPA 300.0/SW 9056A Anions										
Blank (W001327-BLK1)				Prepared & Analyzed: 03/16/2013						
Chloride	U	0.500	mg/L							
Nitrate (as N)	U	0.0500	mg/L							
Nitrite (as N)	U	0.0500	mg/L							
LCS (W001327-BS1)				Prepared & Analyzed: 03/16/2013						
Chloride	0.624	0.500	mg/L	0.60000		104	90-110			
Nitrate (as N)	0.451	0.0500	mg/L	0.45454		99	90-110			
Nitrite (as N)	0.590	0.0500	mg/L	0.60606		97	90-110			
Duplicate (W001327-DUP1)		**Source: 13C0068-04**		Prepared & Analyzed: 03/16/2013						
Chloride	232	0.500	mg/L		170			31	20	E, R
Nitrate (as N)	U	0.0500	mg/L		0.825				20	
Nitrite (as N)	U	0.0500	mg/L		ND				20	
Matrix Spike (W001327-MS1)		**Source: 13C0068-04**		Prepared & Analyzed: 03/16/2013						
Chloride	227	0.500	mg/L	0.60000	170	NR	80-120			E, S
Nitrate (as N)	0.426	0.0500	mg/L	0.45454	0.825	NR	80-120			
Nitrite (as N)	0.633	0.0500	mg/L	0.60606	ND	105	80-120			
Matrix Spike Dup (W001327-MSD1)		**Source: 13C0068-04**		Prepared & Analyzed: 03/16/2013						
Chloride	229	0.500	mg/L	0.60000	170	NR	80-120	0.6	20	E, S
Nitrate (as N)	0.394	0.0500	mg/L	0.45454	0.825	NR	80-120	8	20	
Nitrite (as N)	0.586	0.0500	mg/L	0.60606	ND	97	80-120	8	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001288 - SM 3500-Cr D/SW 7196A Chromium VI										
Blank (W001288-BLK1)				Prepared & Analyzed: 03/14/2013						
Hexavalent Chromium	U	0.0100	mg/L							
LCS (W001288-BS1)				Prepared & Analyzed: 03/14/2013						
Hexavalent Chromium	0.102	0.0100	mg/L	0.10000		102	80-120			
Matrix Spike (W001288-MS1)		**Source: 13C0257-02**		Prepared & Analyzed: 03/14/2013						
Hexavalent Chromium	0.103	0.0100	mg/L	0.10000	0.00761	95	80-120			MC
Matrix Spike Dup (W001288-MSD1)		**Source: 13C0257-02**		Prepared & Analyzed: 03/14/2013						
Hexavalent Chromium	0.0962	0.0100	mg/L	0.10000	0.00761	89	80-120	7	15	MC
Batch W001292 - EPA 160.2/SM 2540D TSS										
Blank (W001292-BLK1)				Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Suspended Solids	U	2.00	mg/L							
LCS (W001292-BS1)				Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Suspended Solids	94.0	8.00	mg/L	100.00		94	80-120			
Duplicate (W001292-DUP1)		**Source: 13C0260-03**		Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Suspended Solids	5.50	4.00	mg/L		5.00			10	10	
Batch W001303 - EPA 160.1/SM 2540C TDS										
Blank (W001303-BLK1)				Prepared & Analyzed: 03/15/2013						
Total Dissolved Solids	U	100	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001303 - EPA 160.1/SM 2540C TDS										
LCS (W001303-BS1)				Prepared & Analyzed: 03/15/2013						
Total Dissolved Solids	904	100	mg/L	1000.0		90	80-120			
Duplicate (W001303-DUP1)	**Source: 13C0263-01**			Prepared & Analyzed: 03/15/2013						
Total Dissolved Solids	576	100	mg/L		574			0.3	10	
Batch W001318 - EPA 351.4/SM 4500-Norg C TKN										
Blank (W001318-BLK1)				Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Kjeldahl Nitrogen	U	0.500	mg/L							
LCS (W001318-BS1)				Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Kjeldahl Nitrogen	5.35	0.500	mg/L	5.0000		107	70-130			
LCS Dup (W001318-BSD1)				Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Kjeldahl Nitrogen	5.37	0.500	mg/L	5.0000		107	70-130	0.4	20	
Duplicate (W001318-DUP1)	**Source: 13C0261-03**			Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Kjeldahl Nitrogen	1.48	0.500	mg/L		1.42			4	20	
Matrix Spike (W001318-MS1)	**Source: 13C0261-03**			Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Kjeldahl Nitrogen	6.98	0.500	mg/L	5.0000	1.42	111	70-130			
Matrix Spike Dup (W001318-MSD1)	**Source: 13C0261-03**			Prepared: 03/14/2013 Analyzed: 03/15/2013						
Total Kjeldahl Nitrogen	7.05	0.500	mg/L	5.0000	1.42	113	70-130	1	20	
Batch W001344 - EPA 350.3/SM 4500-NH3 F Ammonia										
Blank (W001344-BLK1)				Prepared & Analyzed: 03/18/2013						
Ammonia (as N)	U	0.100	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001344 - EPA 350.3/SM 4500-NH3 F Ammonia										
LCS (W001344-BS1)				Prepared & Analyzed: 03/18/2013						
Ammonia (as N)	4.87	0.100	mg/L	5.0000		97	80-120			
Duplicate (W001344-DUP1)		**Source: 13C0215-02**		Prepared & Analyzed: 03/18/2013						
Ammonia (as N)	6.94	0.100	mg/L		6.81			2	20	
Matrix Spike (W001344-MS1)		**Source: 13C0215-02**		Prepared & Analyzed: 03/18/2013						
Ammonia (as N)	12.1	0.100	mg/L	5.0000	6.81	106	80-120			
Matrix Spike Dup (W001344-MSD1)		**Source: 13C0215-02**		Prepared & Analyzed: 03/18/2013						
Ammonia (as N)	11.8	0.100	mg/L	5.0000	6.81	100	80-120	3	20	
Batch W001359 - SM 2510B Conductivity										
Blank (W001359-BLK1)				Prepared & Analyzed: 03/18/2013						
Conductivity	U	10.0	µmhos/cm							
LCS (W001359-BS1)				Prepared & Analyzed: 03/18/2013						
Conductivity	911	10.0	µmhos/cm	1000.0		91	80-120			
Duplicate (W001359-DUP1)		**Source: 13C0261-01**		Prepared & Analyzed: 03/18/2013						
Conductivity	588	10.0	µmhos/cm		588			0	20	
Batch W001377 - EPA 365.2/SM 4500-P B Phosphorus										
Blank (W001377-BLK1)				Prepared: 03/18/2013 Analyzed: 03/19/2013						
Phosphorus	U	0.0500	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W001377 - EPA 365.2/SM 4500-P B Phosphorus										
LCS (W001377-BS1)				Prepared: 03/18/2013 Analyzed: 03/19/2013						
Phosphorus	0.260	0.0500	mg/L	0.25000		104	80-120			
LCS Dup (W001377-BSD1)				Prepared: 03/18/2013 Analyzed: 03/19/2013						
Phosphorus	0.260	0.0500	mg/L	0.25000		104	80-120	0	20	
Duplicate (W001377-DUP1)		**Source: 13C0261-01**		Prepared: 03/18/2013 Analyzed: 03/19/2013						
Phosphorus	0.306	0.125	mg/L		0.289			6	20	
Matrix Spike (W001377-MS1)		**Source: 13C0261-01**		Prepared: 03/18/2013 Analyzed: 03/19/2013						
Phosphorus	0.530	0.125	mg/L	0.25000	0.289	96	80-120			
Matrix Spike Dup (W001377-MSD1)		**Source: 13C0261-01**		Prepared: 03/18/2013 Analyzed: 03/19/2013						
Phosphorus	0.538	0.125	mg/L	0.25000	0.289	100	80-120	2	20	
Batch W001393 - EPA 1664A FOG										
Blank (W001393-BLK1)				Prepared: 03/19/2013 Analyzed: 03/20/2013						
Oil and Grease	U	1.00	mg/L							
LCS (W001393-BS1)				Prepared: 03/19/2013 Analyzed: 03/20/2013						
Oil and Grease	19.6	1.00	mg/L	20.000		98	78-114			
LCS Dup (W001393-BSD1)				Prepared: 03/19/2013 Analyzed: 03/20/2013						
Oil and Grease	18.1	1.00	mg/L	20.000		90	78-114	8	18	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Winnetka 120309.30 **Lab Order:** 13C0261

Notes and Definitions

S	Spike recovery outside acceptance limits.
R	RPD outside acceptance limits.
MC	Matrix correction performed due to the presence of turbidity.
E	Result above quantitation range.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

BAXTER & WOODMAN

CHAIN OF CUSTODY

Project Name	Project Number
Village of Winnetka	120309.30

Facility Name

Sampled by (printed and Signature)
Lindsey Zver

Sample Location	Sample No.	Date	Time	Type	No. of Containers	TSS, TDS, NO_3, NO_2	phosphorus	TKN, NH_3	FOG	Fecal Coliform	Conductivity	Chloride	Total Metals (see remarks)	Dissolved Metals (remark)	Cr (hexavalent, total)	Preservative	Remarks (requested)
Location 2	2	3/11/13	11:10	Grab	7	X	X	X	X		X	X	X	X	X		7.91 → 9.39
Location 3	3	3/11/13	11:50	Grab	7	X	X	X	X		X	X	X	X	X		7.75 → 9.33
Location 5	5	3/11/13	12:50	Grab	7	X	X	X	X		X	X	X	X	X		7.26 → 9.59

ANALYSIS

Report only These parameters

Relinquished by (Signature)	Date	Time	Received by (signature)
[signature]	3/11/13	5:40	[signature] 3/11/13 1840
[signature]	3/12/13	1700	[signature]
	3/13/13	10:15	

Total No. of Samples: 3

Total No. of Containers: 15

Prairie Analytical Systems, Inc.

Laboratory Telephone No.: (847) 651-2604

Laboratory Contact: Diane Billings

Remarks
Ten metals (As, Cd, Cr, Cu, Pb, Hg, Ni, Zn, Se, Ag)
L Zver phone (262.763.7834; 847.477.5542 (cell))

0.8° UPS

Request sheet Attached: Yes No

Send Results to: **L. Zver**

Baxter & Woodman, Inc
8678 Ridgefield Rd, Crystal Lake, IL
(815) 459-1260

Tuesday, May 7, 2013

Lindsey Zver

Baxter & Woodman, Inc.
8678 Ridgefield Road
Crystal Lake, IL 60012

TEL: (815) 459-1260

FAX: (815) 455-0450

RE: Village of Winnetka 120309.30 PAS WO: 13D0608

Prairie Analytical Systems, Inc. received 3 sample(s) on 4/29/2013 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

Prairie Analytical Systems, Inc. **Date:** 5/7/2013

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608
Client Sample ID: Location 2 **Lab ID:** 13D0608-01
Collection Date: 4/29/13 10:45 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Anions by Ion Chromatography									
***Chloride**	**162**	10.0		mg/L	20	5/1/13 16:00	5/2/13 2:30	EPA 300.0	CEP
***Nitrate (as N)**	**2.06**	0.500		mg/L	10	5/1/13 16:00	5/2/13 5:16	EPA 300.0	CEP
*Nitrite (as N)	U	0.500		mg/L	10	5/1/13 16:00	5/2/13 2:30	EPA 300.0	CEP
Conventional Chemistry Parameters									
***Ammonia (as N)**	**1.32**	0.100		mg/L	1	5/3/13 9:27	5/3/13 11:09	SM 4500-NH3	JLS
Conductivity	**1140**	10.0		µmhos/cm	1	5/3/13 12:01	5/3/13 14:33	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**6.57**	0.500		mg/L	1	5/3/13 10:10	5/6/13 10:30	SM 4500-NH3	JLS
*Oil and Grease	U	1.00		mg/L	1	5/1/13 16:07	5/2/13 16:43	EPA 1664A	CMH
***Phosphorus**	**0.126**	0.0500		mg/L	2	5/2/13 10:05	5/2/13 14:17	SM 4500-P E	JLS
***Total Dissolved Solids**	**732**	100		mg/L	1	5/2/13 14:00	5/3/13 13:30	EPA 160.1	CCD
***Total Suspended Solids**	**7.00**	2.00		mg/L	1	5/1/13 10:45	5/1/13 12:50	EPA 160.2	JLS

Prairie Analytical Systems, Inc. **Date:** 5/7/2013

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608
Client Sample ID: Location 3 **Lab ID:** 13D0608-02
Collection Date: 4/29/13 11:15 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Anions by Ion Chromatography									
***Chloride**	**179**	25.0		mg/L	50	5/1/13 16:00	5/2/13 2:48	EPA 300.0	CEP
***Nitrate (as N)**	**1.36**	0.500		mg/L	10	5/1/13 16:00	5/2/13 5:35	EPA 300.0	CEP
*Nitrite (as N)	U	0.500		mg/L	10	5/1/13 16:00	5/2/13 2:48	EPA 300.0	CEP
Conventional Chemistry Parameters									
***Ammonia (as N)**	**4.63**	0.100		mg/L	1	5/3/13 9:27	5/3/13 11:09	SM 4500-NH:	JLS
Conductivity	**764**	10.0		µmhos/cm	1	5/3/13 12:01	5/3/13 14:33	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**11.4**	2.50		mg/L	5	5/3/13 10:10	5/6/13 10:30	SM 4500-NH:	JLS
*Oil and Grease	U	1.00		mg/L	1	5/1/13 16:07	5/2/13 16:43	EPA 1664A	CMH
***Phosphorus**	**0.234**	0.0500		mg/L	2	5/2/13 10:05	5/2/13 14:17	SM 4500-P E	JLS
***Total Dissolved Solids**	**460**	100		mg/L	1	5/2/13 14:00	5/3/13 13:30	EPA 160.1	CCD
***Total Suspended Solids**	**52.5**	4.00		mg/L	1	5/1/13 10:45	5/1/13 12:50	EPA 160.2	JLS

Prairie Analytical Systems, Inc. **Date:** 5/7/2013

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608
Client Sample ID: Location 5 **Lab ID:** 13D0608-03
Collection Date: 4/29/13 12:00 **Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Anions by Ion Chromatography									
***Chloride**	**381**	25.0		mg/L	50	5/2/13 16:00	5/2/13 21:45	EPA 300.0	CEP
***Nitrate (as N)**	**2.82**	0.500		mg/L	10	5/1/13 16:00	5/2/13 5:53	EPA 300.0	CEP
*Nitrite (as N)	U	0.500		mg/L	10	5/1/13 16:00	5/2/13 3:07	EPA 300.0	CEP
Conventional Chemistry Parameters									
***Ammonia (as N)**	**0.408**	0.100		mg/L	1	5/3/13 9:27	5/3/13 11:09	SM 4500-NH:	JLS
Conductivity	**1730**	10.0		µmhos/cm	1	5/3/13 12:01	5/3/13 14:33	SM 2510B	RSR
***Total Kjeldahl Nitrogen**	**1.34**	0.500		mg/L	1	5/3/13 10:10	5/6/13 10:30	SM 4500-NH:	JLS
*Oil and Grease	U	1.00		mg/L	1	5/1/13 16:07	5/2/13 16:43	EPA 1664A	CMH
***Phosphorus**	**0.168**	0.0500		mg/L	2	5/2/13 10:05	5/2/13 14:17	SM 4500-P E	JLS
***Total Dissolved Solids**	**1050**	100		mg/L	1	5/2/13 14:00	5/3/13 13:30	EPA 160.1	CCD
***Total Suspended Solids**	**2.00**	2.00		mg/L	1	5/1/13 10:45	5/1/13 12:50	EPA 160.2	JLS

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W002287 - EPA 300.0/SW 9056A Anions										
Blank (W002287-BLK1)				Prepared & Analyzed: 05/01/2013						
Chloride	U	0.500	mg/L							
Nitrate (as N)	U	0.0500	mg/L							
Nitrite (as N)	U	0.0500	mg/L							
LCS (W002287-BS1)				Prepared & Analyzed: 05/01/2013						
Chloride	0.659	0.500	mg/L	0.60000		110	90-110			
Nitrate (as N)	0.434	0.0500	mg/L	0.45454		96	90-110			
Nitrite (as N)	0.594	0.0500	mg/L	0.60606		98	90-110			
Duplicate (W002287-DUP1)		**Source: 13E0020-01**		Prepared & Analyzed: 05/01/2013						
Chloride	42.0	0.500	mg/L		42.1			0.07	20	E
Nitrate (as N)	0.262	0.0500	mg/L		0.252			4	20	
Nitrite (as N)	U	0.0500	mg/L		ND				20	
Matrix Spike (W002287-MS1)		**Source: 13E0020-01**		Prepared & Analyzed: 05/01/2013						
Chloride	41.8	0.500	mg/L	0.60000	42.1	NR	80-120			E, S
Nitrate (as N)	0.636	0.0500	mg/L	0.45454	0.252	84	80-120			
Nitrite (as N)	0.656	0.0500	mg/L	0.60606	ND	108	80-120			
Matrix Spike Dup (W002287-MSD1)		**Source: 13E0020-01**		Prepared & Analyzed: 05/01/2013						
Chloride	41.6	0.500	mg/L	0.60000	42.1	NR	80-120	0.5	20	E, S
Nitrate (as N)	0.636	0.0500	mg/L	0.45454	0.252	85	80-120	0.09	20	
Nitrite (as N)	0.644	0.0500	mg/L	0.60606	ND	106	80-120	2	20	
Batch W002302 - EPA 300.0/SW 9056A Anions										
Blank (W002302-BLK1)				Prepared & Analyzed: 05/02/2013						
Chloride	U	0.500	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W002302 - EPA 300.0/SW 9056A Anions										
LCS (W002302-BS1)				Prepared & Analyzed: 05/02/2013						
Chloride	0.640	0.500	mg/L	0.60000		107	90-110			
Duplicate (W002302-DUP1)		**Source: 13E0046-01**		Prepared & Analyzed: 05/02/2013						
Chloride	773	0.500	mg/L		773			0.08	20	E
Matrix Spike (W002302-MS1)		**Source: 13E0046-01**		Prepared & Analyzed: 05/02/2013						
Chloride	759	0.500	mg/L	0.60000	773	NR	80-120			E, S
Matrix Spike Dup (W002302-MSD1)		**Source: 13E0046-01**		Prepared & Analyzed: 05/02/2013						
Chloride	759	0.500	mg/L	0.60000	773	NR	80-120	0.02	20	E, S

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W002252 - EPA 160.2/SM 2540D TSS										
Blank (W002252-BLK1)				Prepared & Analyzed: 05/01/2013						
Total Suspended Solids	U	2.00	mg/L							
LCS (W002252-BS1)				Prepared & Analyzed: 05/01/2013						
Total Suspended Solids	98.0	8.00	mg/L	100.00		98	80-120			
Duplicate (W002252-DUP1)		**Source: 13D0607-01**		Prepared & Analyzed: 05/01/2013						
Total Suspended Solids	36.0	4.00	mg/L		35.5			1	10	
Batch W002269 - EPA 1664A FOG										
Blank (W002269-BLK1)				Prepared: 05/01/2013 Analyzed: 05/02/2013						
Oil and Grease	U	1.00	mg/L							
LCS (W002269-BS1)				Prepared: 05/01/2013 Analyzed: 05/02/2013						
Oil and Grease	20.6	1.00	mg/L	20.000		103	78-114			
LCS Dup (W002269-BSD1)				Prepared: 05/01/2013 Analyzed: 05/02/2013						
Oil and Grease	20.5	1.00	mg/L	20.000		102	78-114	0.5	18	
Batch W002275 - EPA 365.2/SM 4500-P B Phosphorus										
Blank (W002275-BLK1)				Prepared & Analyzed: 05/02/2013						
Phosphorus	U	0.0500	mg/L							
LCS (W002275-BS1)				Prepared & Analyzed: 05/02/2013						
Phosphorus	0.232	0.0500	mg/L	0.25000		93	80-120			

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W002275 - EPA 365.2/SM 4500-P B Phosphorus										
LCS Dup (W002275-BSD1)				Prepared & Analyzed: 05/02/2013						
Phosphorus	0.211	0.0500	mg/L	0.25000		84	80-120	9	20	
Duplicate (W002275-DUP1)		**Source: 13D0608-01**		Prepared & Analyzed: 05/02/2013						
Phosphorus	0.124	0.0500	mg/L		0.126			2	20	
Matrix Spike (W002275-MS1)		**Source: 13D0608-01**		Prepared & Analyzed: 05/02/2013						
Phosphorus	0.370	0.0500	mg/L	0.25000	0.126	98	80-120			
Matrix Spike Dup (W002275-MSD1)		**Source: 13D0608-01**		Prepared & Analyzed: 05/02/2013						
Phosphorus	0.363	0.0500	mg/L	0.25000	0.126	94	80-120	2	20	
Batch W002285 - EPA 160.1/SM 2540C TDS										
Blank (W002285-BLK1)				Prepared: 05/02/2013 Analyzed: 05/03/2013						
Total Dissolved Solids	U	100	mg/L							
LCS (W002285-BS1)				Prepared: 05/02/2013 Analyzed: 05/03/2013						
Total Dissolved Solids	940	100	mg/L	1000.0		94	80-120			
Duplicate (W002285-DUP1)		**Source: 13D0608-03**		Prepared: 05/02/2013 Analyzed: 05/03/2013						
Total Dissolved Solids	1080	100	mg/L		1050			3	10	
Batch W002304 - EPA 350.3/SM 4500-NH3 F Ammonia										
Blank (W002304-BLK1)				Prepared & Analyzed: 05/03/2013						
Ammonia (as N)	U	0.100	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W002304 - EPA 350.3/SM 4500-NH3 F Ammonia										
LCS (W002304-BS1)				Prepared & Analyzed: 05/03/2013						
Ammonia (as N)	5.35	0.100	mg/L	5.0000		107	80-120			
Duplicate (W002304-DUP1)		**Source: 13D0606-02**		Prepared & Analyzed: 05/03/2013						
Ammonia (as N)	11.2	0.200	mg/L		11.5			2	20	
Matrix Spike (W002304-MS1)		**Source: 13D0606-02**		Prepared & Analyzed: 05/03/2013						
Ammonia (as N)	21.8	0.200	mg/L	10.000	11.5	103	80-120			
Matrix Spike Dup (W002304-MSD1)		**Source: 13D0606-02**		Prepared & Analyzed: 05/03/2013						
Ammonia (as N)	21.8	0.200	mg/L	10.000	11.5	103	80-120	0	20	
Batch W002328 - SM 2510B Conductivity										
Blank (W002328-BLK1)				Prepared & Analyzed: 05/03/2013						
Conductivity	U	10.0	µmhos/cm							
LCS (W002328-BS1)				Prepared & Analyzed: 05/03/2013						
Conductivity	935	10.0	µmhos/cm	1000.0		94	80-120			
Duplicate (W002328-DUP1)		**Source: 13D0608-02**		Prepared & Analyzed: 05/03/2013						
Conductivity	764	10.0	µmhos/cm		764			0	20	
Batch W002329 - EPA 351.4/SM 4500-Norg C TKN										
Blank (W002329-BLK1)				Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	U	0.500	mg/L							

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W002329 - EPA 351.4/SM 4500-Norg C TKN										
LCS (W002329-BS1)				Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	5.97	0.500	mg/L	5.0000		119	70-130			
LCS Dup (W002329-BSD1)				Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	5.99	0.500	mg/L	5.0000		120	70-130	0.3	20	
Duplicate (W002329-DUP1)		**Source: 13D0613-01**		Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	1.64	0.500	mg/L		1.60			2	20	
Duplicate (W002329-DUP2)		**Source: 13D0410-31**		Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	23.8	2.50	mg/L		25.0			5	20	
Matrix Spike (W002329-MS1)		**Source: 13D0613-01**		Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	6.90	0.500	mg/L	5.0000	1.60	106	70-130			
Matrix Spike Dup (W002329-MSD1)		**Source: 13D0613-01**		Prepared: 05/03/2013 Analyzed: 05/06/2013						
Total Kjeldahl Nitrogen	6.81	0.500	mg/L	5.0000	1.60	104	70-130	1	20	

LABORATORY RESULTS

Client: Baxter & Woodman, Inc.
Project: Village of Winnetka 120309.30 **Lab Order:** 13D0608

Notes and Definitions

S	Spike recovery outside acceptance limits.
E	Result above quantitation range.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

BAXTER & WOODMAN

CHAIN OF CUSTODY

Project Name	Project Number
Village of Winnetka	120309.30

Facility Name

Sampled by (printed and Signature)
Lindsey Zver

Sample Location	Sample No.	Date	Time	Type	No. of Containers	TSS, TDS, NO_3, NO_2	phosphorus	TKN, NH_3	FOG	Fecal Coliform	Conductivity	Chloride	Total Metals (see remarks)	Dissolved Metals (remark)	Cr (hexavalent, total)	Preservative	Report only These parameters / Remarks
Location 2		4/29	1045	Grab	4	X	X	X	X		X	X					
Location 3		4/29	1115	Grab	4	X	X	X	X		X	X					
Location 5		4/29	1200	Grab	4	X	X	X	X		X	X					

Relinquished by (Signature)	Date	Time	Received by (signature)	Total No. of Samples	Prairie Analytical Systems, Inc.
[signature]	4/29/13	3:00	[signature] 4/29/13 1500	12	
Relinquished by (Signature)	Date	Time	Received by (signature)	Total No. of Containers	Laboratory Telephone No.:
[signature]	4/29/13	1700			(847) 651-2604
Relinquished by (Signature)	Date	Time	Received by (signature)	Laboratory Contact:	
	4-30-13	11:30	[signature] 2.7°C	Diane Billings	

Remarks
L Zver phone (847.477.5542 (cell))

Request sheet Attached: Yes No

Send Results to:
L. Zver

Baxter & Woodman, Inc
8678 Ridgefield Rd, Crystal Lake, IL
(815) 459-1260